Lahore - Faisalabad Campus

THE THE PARK THE PARK

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ANNUAL CAMPUS MAGAZINE

UNIVERISTY OF ENGINEERING & TECHNOLOGY LAHORE (FAISALABAD-CAMPUS)





Vice Chancellor Message

It is with immense pleasure and pride that I extend my heartfelt congratulations to the Campus management and magazine team on the launch of the inaugural Campus Magazine. This publication stands as a testament to our collective dedication, hard work and achievement as a campus of an academic institution. This magazine serves as a platform to showcase talent, remarkable accomplishment and progress with the community. Faisalabad Campus of UET was established to cater the need of the local industry and Campus has been putting its best efforts to support the academia and industry of the country. I commend the whole magazine editorial team and especially Magazine patron in chief (Campus Coordinator, Prof. Dr. Muhammad Mohsin), Editor in chief (Eng. Khurram Shahzad) and Student editor in chief (M. Faisal Rehman) for their dedicated efforts in the successful publication of this magazine. Let this magazine be a beacon of inspiration, think creatively and embrace new opportunities.



Prof. Dr. Nasir Hayat
Vice Chancellor
UET Lahore



Prof. Dr. Muhammad Mohsin
Campus Coordinator
UET Lahore Faisalabad Campus

Campus Coordinator Message

It is now a year since I took the charge of Campus Coordinator of UET Lahore, Faisalabad Campus. I must appreciate the whole campus team including academic, administration, PD, horticulture, transport and security teams for their dedicated efforts who have worked hard to carry out range of activities during year 2023 which are being showcased in this magazine.

Launching of inaugural magazine issue involves a lot of brainstorming, planning, and efforts, and the credit goes to the whole campus magazine team for performing this task diligently and professionally. I hope that this will become an annual magazine of the campus from now on and showcase the efforts of the campus in coming years.



Table of Content

01	Campus Overview	
	 Departments at UET Lahore Faisalabad Campus Brief Info About the Academic Departments of the Campus 	7 9
	Vibrant Support Facilities	13
02	PEC level-2 Accreditation of all Engineering Departments in the	
	Same Visit for the First Time	
	 Faculty Training 1st Seminar of 2023: Closing the loop of CLO, PLO and PEO Faculty Training 2nd Seminar of 2023: Effective Implementation of OBE Level-2 Accreditation of all Engineering Departments in the Same Visit for the First Time 	16 16 16
03	Establishment of Computer Science Department as Independent Department in a Dedicated Building	
	Department in a Dealcated Building	17
		1/
04	Enriching Student Professional Development	
	• 1st Certified Rescue Cadet Course at Campus	18
	 Inaugural Session of NIC Faisalabad Related to Technology Incubation 1st Freelancing Training by Ministry of ITT at Campus 	18 19
	• Awareness and Training for Campus Potential Startups	19
05	Memorandums of Understandings (MOUs)	
	• MOU with FWCCI	20
	 MOU with Masood Textile Mills MOU with Archroma 	20 21
06	International Conference and Student Competition	
	 6th International Conference on Sustainable Textile 2023 All Pakistan Textile Sustainability Student Competition 2023 	23
	* All Pakisian Textile Susiamability Student Competition 2023	21



25
25
26
26
27
27
28
29
29
29
29
30

Thrivina sports culture	
- many sports contains	
• Sports Gala 2023	
• Sports Activities During Night	31
• Addition of Tennis & Basketball Faciliti	es at Campus 32
•	32
-	33
• various Game Leagues Under CSC	33
	Thriving sports culture • Sports Gala 2023 • Sports Activities During Night • Addition of Tennis & Basketball Facilitie • Hard Ball Cricket at Campus • Various Game Leagues Under CSC

09 1st Combined Entry Test (ECAT) of UET at Campus 34

Improvements in Campus Medical Services Improvement in Campus Health Center Addition of Fully Equipped Ambulance 1st Blood Donation Camp for Thalassemia Patients World Mental Day & Medical Health Camp at Campus Dengue Awareness and Seminar 2nd Blood Donation Camp for Thalassemia Patients 2nd Blood Donation Camp for Thalassemia Patients

11 Funding of Campus Students Projects by PEC 38



12	Establishment of New Dedicated Canteen	
		38
<i>13</i>	Approval of Campus Four New PhD Programs	
		38
14	6th National Literary Festival (BOL)	
17	o National Literary Pestival (BOL)	39
15	Conserve France and Decompitation and Durings	
15	Career Expo and Recruitment Drives	
	• UET Annual Career Fair 2023	40
	Service industries Recruitment Drive at Campus	40
	• EW Career Expo Faisalabad 2023	41
	Akzo Noble Talent Acquisition Drive at Campus	41
10		
16	Diverse Highlights	
	Certificate Distribution Ceremony for LSC & Community Safety	42
	• Updating of Campus link at UET Official Website	42
	• Campus Participation at UET Open Day 2023	42
	• Final Year Industrial and Recreational Tour	43
	• Punjab HEC Team Visit to the Campus	43
	Campus PM Laptop Distribution Ceremony	43
	• Campus Projects Display at 2nd All Punjab Universities Innovation Expo 2023	44
10	Marania Daria Tana	
17	Magazine Design Team	
		45



Campus Overview

Faisalabad, the Manchester of Pakistan contributes a major portion of Pakistan's GDP, and the city has held a campus of the University of Engineering and Technology (UET) Lahore since 2004. The reason for choosing Faisalabad city for establishing a campus of UET was the fact that Faisalabad is the third largest metropolis and a major industrial center in the heart of Pakistan. The campus has a dedicated area of more than 229 acres of land provided by the Government of Punjab. A healthy academic environment with highly qualified faculty members, state-of-the-art laboratories, dedicated academic and administrative staff, industrial collaboration, and co-curricular activities; all add to the development of competent and professional engineers and scientists at the campus.



Campus Entrance Roundabout

All the programs on the campus are accredited by their respective bodies. Textile industry is a most prominent manufacturing industry in Faisalabad. Previously, UET Lahore was not offering any degree in the field of Textile Engineering. To cope with this, the Department of Textile Engineering was established at Faisalabad Campus. UET Lahore, Faisalabad Campus offers undergraduate programs in various engineering and sciences programs.



Departments at UET Lahore Faisalabad Campus

- Department of Mechanical, Mechatronics & Manufacturing Engineering
- Department of Electrical, Electronics & Telecommunication Engineering
- Department of Textile Engineering
- Department of Chemical, Polymer & Composite Engineering
- Department of Basic Sciences and Humanities
- Department of Computer Science



Administration Block

Undergraduate Programs Being Offered

Following are the undergraduate degree programs currently being offered at UET Lahore, Faisalabad Campus:

- B.Sc. Mechatronics and Control Engineering
- B.Sc. Electrical Engineering
- B.Sc. Textile Engineering



- B.Sc. Chemical Engineering
- ➤ B.Sc. Computer Science
- ➢ B.Sc. Environmental Science
- ➤ B.Sc. Chemistry

Postgraduate Programs Being Offered

Following are the postgraduate degree programs being offered at UET Lahore, Faisalabad Campus

- > Ph.D. Textile Engineering
- M.Sc. Textile and Materials Engineering
- M.Sc. Electrical Engineering
- M.Sc. Chemical Engineering
- M.Sc. Mechatronics Engineering
- M.Phil. Applied Chemistry

New Programs (2024 Intake)

The following are the new programs that will be offered at UET Lahore, Faisalabad Campus from the 2024 intake.

New Undergraduate Programs:

- ➤ B.Sc. Mathematics
- ➤ BBA

New Postgraduate Programs:

- Ph.D. Mechatronics Engineering
- Ph.D. Electrical Engineering
- Ph.D. Chemical Engineering
- Ph.D. Chemistry



Brief Info About the Academic Departments of the Campus

Mechanical, Mechatronics and Manufacturing Engineering

Department of Mechanical, Mechatronics, and Manufacturing Engineering started Undergraduate degree program in Mechatronics and Control Engineering right from 2004, since the start of this campus. Mechatronics and Control Engineering is an interdisciplinary field that integrates the domains of Mechanical Engineering, Electrical Engineering, Computer Science, and Information Technology. This hybrid-engineering program was established to fulfill the ever-growing demands of industry and research sectors to tackle the problems associated with control, automation, artificial intelligence, robotics, and/or related areas. This department at Faisalabad Campus is equipped with state-of-the-art laboratories and highly qualified faculty to provide the students with a great learning environment. The department follows the same curriculum as Mechatronics and Control Engineering at Main Campus, UET Lahore. Graduates of this department are working in the renowned industries of Pakistan and abroad.



By 2022, 700-plus graduates have completed their degree from the Department. All intakes of the department have been accredited by the Pakistan Engineering Council. Specifically, from 2004 to 2016, thirteen sessions were accredited on Level I, whereas Session 2017 was accredited on Level II, which is Outcome Based Education (OBE) System.

Electrical, Electronics and Telecommunication Engineering



The Department of Electrical Engineering, at the University of Engineering and Technology Faisalabad Campus, is one of the most prestigious schools of learning in the field of Electrical Engineering in Faisalabad. The graduates of the Department are not only ably serving in Pakistan but also represent the country in various industries and academic institutions abroad. The Department aspires that its students should be better prepared to handle modern-life challenges; therefore it is



continuously striving to improve the quality of education and research. The Department was established in 2004 and the undergraduate program started in 2004. The postgraduate degree was started in 2018 and the department offers degree in M.Sc. Electrical Engineering. The undergraduate courses have been designed to build a strong foundation in various fields of Electrical Engineering whereas the postgraduate courses are aimed at bringing the students abreast with the most recent developments in their area of specialization. The Department supports nine state-of-the-art teaching and research laboratories. These laboratories are equipped with the necessary equipment that supplements the theory to meet the study objectives. The University has a firm belief in faculty development, and therefore facilitates and encourages young members to go abroad for advanced studies. Presently, a number of the faculty members are pursuing advanced degrees. Faculty members with higher qualifications are engaged in postgraduate teaching and research supervision.

Textile Engineering

The Department of Textile Engineering was established in 2008 at the campus, and it started offering a BSc in Textile engineering in 2013, MSc in Textile and Materials Engineering in 2020, and PhD in Textile Engineering in 2021 with highly qualified faculty and well-equipped laboratories. There are more than 160 lab-scale equipment installed at the Department of Textile Engineering in 15 labs. Experienced faculty and lab staff are working in the textile engineering department. There is 100% job placement for UET Textile graduates. Graduates of the textile engineering department are currently working abroad as well as in the top textile mills of the country like Nishat, Sapphire, Interloop, CBL, Artistic, Ibrahim Fibers, Master, MTM, US denim, Cotton web, Gohar, Kamal & TTI and in various Government organizations.

Department of Textile Engineering has been organizing two mega events on textile sustainability including an international conference on sustainable textiles and all Pakistan sustainability student competition since 2018. Six international conferences have successfully been organized in the last six years and it is the only textile department in the country to do so. The last international conference, the 6th International Conference on Sustainable Textile 2023 (8th November 2023), and all Pakistan student competitions were attended by more than 2000 participants from the textile industry and academia. It is the biggest gathering of textile sustainability in the country. Textile sustainability working group has also been formed by the department since 2020 and it has been joined by more than 300 industrial and academic partners. Department faculty is very active in research related to textile engineering and textile sustainability. The faculty of the department has published a good number of papers in reputable journals. Department faculty have won funding from HEC, Ministry of Science and Technology, PHEC, PEC, industry, and NGOs.

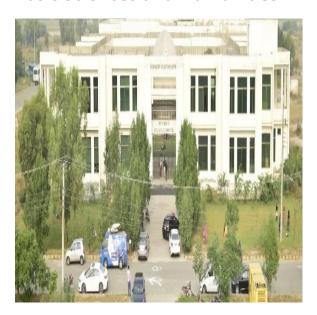


The textile sector in Pakistan has an overwhelming impact on the economy,



contributing 60% to the country's exports and 46% of the total industrial production. This sector also provides employment opportunities to 45% of the country's workforce, which is one of the highest. In today's highly competitive global environment, the textile sector needs to upgrade its supply chain, improve productivity, and sustainability, and maximize the valueaddition to be able to survive. It cannot be thought of without competent professionals in the related field. Faisalabad campus is privileged over other campuses of UET for holding a degree awarding department in Textile Engineering field. BSc Textile Engineering, MSc Textile and and PhD Textile Materials Engineering Engineering courses are based on Outcome Based Education (OBE). The course of study is the composite one and covers all four specializations of textile: (1) Spinning (Yarn Manufacturing), (2) Weaving (Fabric Manufacturing), (3) Wet Processing (Pre-treatment, Dyeing & Finishing), (4), Garment Manufacturing.

Basic Sciences and Humanities



The Department of Basic Sciences, at the University of Engineering and Technology Lahore, Faisalabad campus was established in 2004, and it offers various courses related to

basic sciences and humanities Chemical Engineering, and Electrical Engineering. Mechatronics Engineering and Textile Engineering since 2004. Undergraduate classes in the Basic Sciences Department were started in 2020 in Environmental Sciences. While B.Sc. Chemistry was started in 2022. In 2023 department of Basic Sciences and Humanities was further expanded, and also the two more new programs will be started i.e. BBA and B.Sc. Mathematics from 2024 intake. Postgraduate degree in chemistry was also started in the department. Department faculty is actively pursuing research, and the funded projects are going on at the department.

Chemical, Polymer and Composite Engineering

The Department of Chemical & Polymer Engineering (FSD Campus) is part of the Faculty of Chemical, Metallurgical and Polymer Engineering. The department was established in 2004 for the undergraduate degree program in Chemical Engineering. The department followed semester system scheme throughout the tenure. The scheme of studies is being shifted from session 2015 to adopt the Outcome Based Education Scheme (OBE) after the decision of the Board of Studies (BOS). The curriculum has been revised accordingly to address all relevant areas of engineering, humanities, and social sciences. The course consists of 136 credit hours (CH) in total spread over a four-year scheme of studies. The course CH distribution for different knowledge areas is Humanities (10 CH), Management (6 CH), Natural Sciences (16 CH), Computing (8 CH), Engineering Foundation (31 CH), Major Based Core (Breadth) (25 CH), Major Based Core (Depth) (27 CH), Interdisciplinary Engineering Breadth (7 CH) and Senior Design Project (6 CH). The department has state of the art laboratories for undergraduate experimental work. The department has also got approval



from higher education commission (HEC), board of studies (BOS) and board of faculty (BOF) and has started postgraduate M.Sc. Chemical Engineering degree with the first intake of M.Sc. Engineering from spring 2019. The department has qualified faculty with multidisciplinary research interests.



A lot of efforts have been made for the development of the faculty. Several faculty members have been funded for Ph.D. programs in international universities through "Faculty Development Program (FDP)" by the University. The Department is working relentlessly to establish a meaningful and productive link with prominent chemical-related industries. Currently, the Department is enjoying a good working relationship with various industries which include Fatima group, Packages Limited, Millat tractors, SNGPL, SEAL, SBS, FFC and BIN Rasheed, EPD, Diamond, Descon PPL, etc. The productive collaboration with industry has resulted in ample internship opportunities for our students. The Department has been providing maximum Internships to our 4th year and 3rd-year students, and it is expected to do the same in the future.

Computer Science

This century is witnessing an unprecedented demand for skilled computing professionals. The Department of Computer Science at the University of Engineering and Technology Lahore, Faisalabad Campus is established to provide state-of-the-art computing education to produce highly skilled professionals to meet the ever-increasing demand in various areas ranging from business and industry to education and research.



The department has been offering a BSc Computer Science program since 2022. It is envisioned that the department will play a pivotal role in developing a sustainable socioeconomic future in Pakistan. department is keen to provide high-quality education emphasizing contemporary emerging technologies, such as artificial intelligence, network science, data science, and cyber security. The presence of fast internet across the campus and access to all leading international journals and other resources through the HEC digital library provides a highly supportive environment for doing cutting-edge interdisciplinary research.



Vibrant Support Facilities

Spiritual Oasis: The Majestic Campus Mosque

Nestled within the heart of UET Lahore, Faisalabad Campus, a spacious and aesthetically pleasing mosque stands tall, offering dedicated prayer areas for both male and female students.



Connectivity: High-Speed Internet and Smart Campus

UET Faisalabad takes pride in offering a cuttingedge learning environment with a dedicated bandwidth of 235 MB. Internet facilities, including WIFI and comprehensive camera surveillance, have been seamlessly integrated across the campus (all the academic buildings, library, and hostels as well as the main entrance and boundary wall) under the Safe University Smart Campus (SUSC) initiative by the Higher Education Commission (HEC).



Culinary Delights: The Campus Café

Indulge in a culinary journey at our dedicated café, providing an array of delicious meals and snacks for students, faculty, and visitors.





Sporting Excellence: Where Passion Meets Play

Fuel your sporting spirit at UET Lahore, Faisalabad with facilities for cricket, basketball, volleyball, football, badminton, and many indoor games. The campus not only supports but also provides transport and encourages participation in national-level competitions.



On the Move: Uninterrupted Transport Services

A fleet of vehicles, including 6 buses, cars, APVs, and ambulances ensures seamless



transportation for students, faculty, and staff. Daily transportation is provided, covering all major areas of Faisalabad, to the students and staff. Transportation is also provided for students' industrial tours. Tractors and other relevant machinery are available to the horticulture department of the campus.

Home Away from Home: On-Campus Accommodation

For non-residents of Faisalabad, UET Lahore, Faisalabad offers on-campus accommodation in three double story Boys Hostels and one Girls Hostel, catering to approximately 600 students. Security, internet, and mess facilities are provided. Faculty and staff have separate resident areas at the campus.



Knowledge Hub: Library and Digital Resources

Immerse yourself in knowledge at our well-equipped library and book bank, housing over 18,000 books. With extended internet/WIFI services, students can also access vast digital library resources provided online by HEC. At the library, students can read books in a cool and calm area. While books can be issued to the students for reading at home from the dedicated book bank.





Caring for Well-being: Medical Facilities on Campus

Ensuring the health and well-being of our community, UET Lahore, Faisalabad provides oncampus medical facilities. A full-time Medical Officer and an assistant are on standby, equipped to handle emergencies. Routine checkups and free medicine are also provided to students, faculty and staff. Round the clock transportation to hospitals through campus dedicated ambulance is also available when needed.



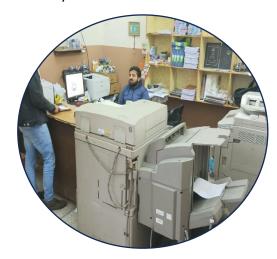
Fitness and Fun: Indoor Games and Gym Facilities

In addition to academic pursuits, UET Lahore, Faisalabad campus promotes a healthy lifestyle with indoor games like Table Tennis, Carrom, Ludo, and Badminton. A dedicated gym is open to all students and staff.



Stationery Facilities: On-Campus Print Shop

An on-campus stationery and print shop is available for providing students with stationery facilities and printing services for academic projects, presentations, and more. High-quality printing facilities are available for the convenience of the UET Lahore Faisalabad community..





PEC level-2 Accreditation of all Engineering Departments in the Same Visit for the First Time

Faculty Training 1st Seminar of 2023: Closing the loop of CLO, PLO and PEO

Regular training of the faculty of UET Lahore, Faisalabad Campus has been carried out by the Convenor OBE Committee, Prof. Dr. Muhammad Mohsin as a resource person and organizer since 2018 on the outcome-based education (OBE) and its effective implementation. OBE Trainings are pivotal in continuous development and quality improvement leading to successful accreditation by PEC. So far, 14 training seminars have been carried out, one each at the start of every semester as well as specialized faculty training since 2018. For the year 2023 first training was carried out on the topic of "Closing the loop of CLO, PLO and PEO", dated 2-2-2023. The trainer for this seminar was the Campus Coordinator, Prof. Dr. Muhammad Mohsin.



Faculty Training 2nd Seminar of 2023: Effective Implementation of OBE

The second Campus Faculty Training seminar of The second Campus Faculty Training seminar of 2023 was conducted on the topic of "Effective Implementation of OBE", dated 19-9-2023. The resource person of this training was the Campus.

Coordinator, Prof. Dr. Muhammad Mohsin. Training was based on interactive sessions and campus faculty actively participated in it. Various department situations and queries were discussed with the recommendation of best practices.



Level-2 Accreditation of all Engineering Departments in the Same Visit for the First Time

All the Engineering departments of the Faisalabad Campus have been accredited on level-2 (Washington Accord, OBE-based) in the same PEC campus visit for the First Time Ever in 2023. It clearly reflects the high standard of teaching and learning at the campus departments.

Following are the achievements and their details;

- 1. Mechatronics Engineering accredited from Level-1 (one year) to Level-2 (3 years 2019, 2020, 2021).
- **2. Textile Engineering** accredited from Level-2 (two years) to Level-2 (3 years 2019, 2020, 2021).
- **3.** Chemical Engineering accredited from level-2 (three years) to Level-2 (Four years 2019, 2020, 2021, 2022 with mid-term progress report after two years).
- **4. Electrical Engineering** accredited from Level-2 (one year) to **Level-2** (one-year 2019, while second year 2020 is also recommended with subject to a successful confirmatory visit).



Establishment of Computer Science Department as Independent Department in a Dedicated Building



The Computer Science Department was established as an independent department in a dedicated building at UET Lahore, Faisalabad Campus on 23-8-Muhammad Yasir 2023. appointed as the chairman of independent computer department. The establishment of the computer science department marks a pride moment in the academic journey of the campus. The department is offering the BSc Computer Science program after the due approval from the National Computing Education Accreditation Council (NCEAC). The Computer Department has its own

dedicated faculty with a depth of knowledge and experience. The establishment of the Computer Science department as independent department and in its dedicated building underscores the institution's dedication to meeting the rising demand for computer science education, fostering an environment that encourages intellectual discourse and hands-on experience in the latest technologies. UET Lahore, Faisalabad Campus is poised for continued success in shaping the future of computer science professionals. Demonstrating a commitment to providing a conducive learning environment, the Computer Science Department has established a new state-of-the-art computer lab at the department with industrial support from Primax and Sadaqat Textile. The efforts and commitment of Dr. Yasir, Chairman, Computer Science Department in developing dedicated computer lab are commendable.







Enriching Student Professional Development

1st Certified Rescue Cadet Course at Campus

An elite training in RCC (Rescue Cadet Course-RCC) was conducted by Rescue-1122 for the students of UET Lahore, Faisalabad Campus on 21/1/2023 at the campus. This 3-days training course was carried out from 17th to 19th January 2023 at admin block. Students were given theoretical and practical training.



After the training, students have successfully passed the online test. The successful candidates were awarded with their professional certificates by the Prof. Dr. Muhammad Mohsin (Campus Coordinator, UET Lahore-Faisalabad Campus) and officials of Rescue-1122. Campus management appreciated the efforts and support of the Rescue-1122 Faisalabad team for providing such useful opportunity to the students of the Faisalabad Campus



Inaugural Session of NIC Faisalabad Related to Technology Incubation

Faisalabad Campus collaborates, for the first time, with the National Incubation Center-Faisalabad. The National Incubation Centers are funded by the Ignite National Technology Fund, and the Ministry of IT & Telecom. NIC are kindling the spark of innovation throughout the nation. This seminar was a great learning experience for the campus students which was held at the admin seminar room on 25-5-2023. Students and alumni were enlightened by the relevant experts regarding different steps and procedure of startup, how to manage and flourish their technical ideas, business pitch preparation, tips for starting and successfully managing the startups.







1st Freelancing Training by Ministry of ITT at Campus

The Faisalabad Campus in collaboration with the Ministry of Information Technology and Telecommunication (MoITT) has organized a one-day seminar for the campus students under the program of National Freelancing Training Program-NFTP on 5-5-2023. It is the first such collaboration between MoITT and UET Lahore, Faisalabad Campus. The basic purpose of this seminar was to train the youth of the country in freelancing skills so that they can earn a sustainable income for themselves.



In the seminar, the officials from the ministry and PITB delivered lectures to the campus students on the program introduction and the eligibility criteria for enrollment. Interaction with the Campus coordinator and campus faculty members was also carried out for possible future collaborations.



Awareness and Training for Campus Potential Startups

The experts from the National Incubation Center Faisalabad were invited to educate campus students on the start-up's initiatives. It was an interactive session between the campus students and experts.



This seminar was held on 15-12-2023. Eng. Mohsin Aslam, CEO, of Inventor nest, and Ms. Rameen Anwar, Communication Manager, NIC Faisalabad were the resource persons for this seminar. They also enlightened the students about the upcoming one-year free training and incubation initiative of NIC-Faisalabad.





Memorandums of Understandings (MOUs)

MOU with FWCCI

The MOU ceremony was held on 2nd March 2023 for the MOU signing between Faisalabad Women Chamber of Commerce and Industries (FWCCI) and UET Lahore, Faisalabad Campus. FWCCI offers a range of services encompassing education, training, networking, and advocacy. FWCCI serves as a platform for women entrepreneurs to connect, collaborate, and share insights, fostering a supportive and empowering community. As per the MOU, FWCCI will provide support for the campus students related to internships, jobs, placement at chamber Incubation center, and Industrial projects. It will bring more industrial collaboration for all the campus departments and students. The MOU was signed by Mrs. Rakshanda Kausar, Chairperson Standing Committee FWCCI for Education, and Prof. Dr. Muhammad Mohsin (Campus Coordinator). Mr. Hamid Mahmood, CEO of Digital Transformation was also present on this occasion.





MOU with Masood Textile Mills

The MOU between Masood Textile Mills (MTM) and UET has been signed to further strengthen the "Industry-Academia Engagement" on 19th April 2023. MTM is one of the leading textile export industries in the country. MTM are pioneers in creating, developing, and manufacturing knitted apparel products right from basic to highly fashioned garments thus responding to emerging trends in the industry. It excels in crafting a diverse range of garments, from essential basics to intricately fashioned pieces, effectively staying attuned to the evolving trends in the industry. Mr. Ali Yaqoob (Head, Corporate HR & Communications, MTM) and Prof. Dr. Muhammad Mohsin (Campus Coordinator UET Lahore-Faisalabad Campus) signed an MOU for mutual cooperation between the two organizations. MTM will conduct a recruitment drive at the campus, joint R&D projects and pieces of training, and provide internship opportunities to the campus students.





MOU with Archroma

UET LAHORE and Archroma Pakistan Ltd extend the agreement of cooperation on 8th November 2023 at a momentous occasion at the 6th International Conference on Sustainable Textile 2023. Prof. Dr. Muhammad Mohsin, Campus Coordinator, UET Lahore Faisalabad campus, and Mr. Mujtaba Rahim, the CEO of Archroma Pakistan Ltd., came together to extend their Agreement of Mutual Cooperation for another five years. This significant partnership was sealed in the presence of Mr. Paul Cowell, Archroma-Swiserland and Prof. Dr. Waqar Mahmood (Director KICS and CERAD, UET Lahore) and Dr. Khurram Tariq (President FCCI) and Mr. Assad (PRGMEA). The roots of this collaboration trace back to 2018, when the initial Memorandum of Understanding (MoU) was signed at the same place. Now, this dynamic duo is ready to embark on another exciting chapter of cooperation. Both parties are committed to Textile Sustainability and motivating academia and industry to take steps in this direction, fostering innovation through training, collaborative Research and Development (R&D) projects. Inshallah, this renewed partnership between UET Lahore and Archroma Pakistan Ltd promises to be a beacon of innovation, education, and progress for the years to come







International Conference and Student Competition



Chief Coordinator ENGR, KHURRAM SHEHZAD

Deparment of Textile Engineering UET Lahore Faisalabad Campus

Netherlands

Student Coordinator MR. MUHAMMAD FAISAL





(y) twitter@uet_textile



ttp:/conferences.uet.edu.pk/textile/icst/2023/

NorthrumbriaUniversity Uk



6th International Conference on Sustainable Textile 2023

he 6th International Conference on Sustainable Textile was held on November 8, 2023, at UET Lahore, Faisalabad Campus. Guest of Honors for this international conference were Prof. Dr. Wagar Mahmood (Director KICS & CERAD), Dr. Khurram Tariq (President Faisalabad Chamber of Commerce and Industries-FCCI), Archroma- Switzerland (Mr. Paul Cowel), CEO Archroma (Mr. Mujtaba Rahim), Mr. Assad (Pakistan Readymade Garments Manufacturers and Exporters Association-PRGMEA). The conference convener, Chairman Textile Engineering Department & Campus Coordinator (Prof. Dr. Muhammad Mohsin) welcome the respected guests and top academia and industry representatives. Worthy Vice Chancellor UET Lahore's (Prof. Dr. Habib-Ur-Rehman) vision and efforts of UET towards environment-friendly steps and textile sustainability were also shared with the audience. More than 20 international and nationally renowned speakers have given technical speeches on the various topics of "Textile Sustainability" including better cotton, energy-efficient textile machines, eco-friendly textile processes, sustainable fibers, testing related to textile sustainability as well as how the Pakistani textile industry can move towards more textile sustainability. Eminent speakers from the USA, UK, Canada, Switzerland, Germany, Turkey, Egypt, Netherlands, Greece, Italy, Malaysia, and Australia share their technical knowledge with the textile industry and academia of the country. More than 2000 textile universities and industry representatives of the top textile mills and academia of Pakistan attended this international conference and competition. The event marked another successful endeavor toward advancing sustainable initiatives and fostering a global dialogue on textile sustainability.











All Pakistan Textile Sustainability Student Competition 2023

All Pakistan Textile Sustainability Student Competition 2023 took place along with the conference and more than 550 sustainability projects from the universities across Pakistan including Karachi, Rawalpindi, Peshawar, Lahore, Faisalabad, Sargodha, etc., were shortlisted, and displayed. Students from 40 institutes across Pakistan showcased innovative ideas, emphasizing a collective dedication to advancing sustainable practices in the field of textiles. It was an excellent display of the talent of Pakistani youth and their projects display several innovative ideas regarding textile sustainability. Visitors from academia and industry appreciated the students' projects. The top 11 projects among the 550 were selected by the expert judges and merit certificates and prizes were given at the grand closing ceremony. Archroma- Switzerland (Mr. Paul Cowel) and industry representatives were impressed with the display of the university talent and the arrangement of the UET organizers.











Campus Plantation and Green Drives 2023

UET Lahore, Faisalabad Campus has a massive land of 229 acres. However, there was a need for aggressive plantation and green drives to convert it to a green campus. As per the vision of Campus Coordinator, Prof. Dr. Muhammad Mohsin, in 2023 more than fifteen thousand plants have been planted including two urban forest sites at the campus and it is by far the most aggressive and successful plantation drive in the history of Campus. Maximum usage of canal water was ensured for the plantation. The efforts of the horticulturist, Mrs. Saba Shakeel, and gardeners are much appreciated for these green drives.

1st Plantation Drive with Support of Forest Office

On the direction of the Campus Coordinator, the 1st plantation drive was started on 15th February 2023 at the campus. Engr. Tanveer Riaz's support and collaboration were crucial in obtaining 2000 plants as donations from the District Forest Office Faisalabad of Punjab Forestry Department.





2nd Plantation Drive with Support of Mechatronic Department

The Mechatronics department of UET Lahore, Faisalabad Campus has donated 1000 plants as part of a green initiative from the department to the campus on 6th March 2023. A good number of the plants are planted at the university's main gate.







Campus 1st Hostel Aesthetic and Plantation Competition

Campus has four dedicated hostels which include three boys' hostels and one girl hostel. For the first time, a hostel aesthetic and plantation competition was held in which all the hostels actively participated.



More than 350 plants were planted in all four hostels. All four hostels' RTs, students, and staff actively participated in the competition. Ali Hostel was the winner of the 1st hostel aesthetic and plantation competition, and the appreciation shield was handed over on 22nd March 2023.



Celebration of World Environment Day

UET Lahore-Faisalabad Campus celebrated "World Environment Day" in collaboration with WWF and Coca-Cola on 5th May 2023. An awareness walk, a seminar, a plantation drive, and a campus clean-up drive were organized on this occasion. More than 30 officials from Coca-Cola and 4 representatives from WWF participated in this. Refreshments were also served to participating students from Coca-Cola. It was also decided that within a week massive plantation would be carried out as part of this initiative.











4th Plantation Drive with Support of Coca-Cola

The 4th plantation drive of the campus was carried out with the support of WWF and Coca-

Cola starting from 17th May 2023. Massive, good height 5,500 plants were planted on campus. All plants are planted after making Seedbeds for better care and watering. The plantation was carried out outside the main gate, inside the main gate, with entrance lawns on the left, playground on all corners, surrounding of the library, 3 boys' hostel and a girls' hostel, mosque, new canteen, and road corners towards hostels.





5th Plantation Drive with Support of Alumni

The 5th plantation drive at the campus started on 20th September 2023. Around 1000 plants are devoted by Go Petroleum with the support of the Mechatronics department and especially its alumni Mr. Awais Aslam of the 2013 session.







Inauguration of Two Urban Forest Sites

Two urban forest sites were developed at the campus in 2023. Urban Forest Site 2 has a covered area of more than 1 lac square feet. Various fruit and shade trees were planted in these urban forest sites. On the occasion of "two Mega Events of Textile Sustainability" organized by the department of textile engineering. Following dignitaries did the inauguration and planted the trees, Prof. Dr. Wagar Mahmood (Director KICS & Director CERAD), Mr. Paul Cowell (Archroma Innovation Head-Switzerland), Prof. Dr. Muhammad Mohsin (Campus Coordinator, UET Lahore Faisalabad Campus), Dr. Khurram Tariq (President, Faisalabad Chamber of Commerce & Industries-FCCI, Mr. Mujtaba Rahim (CEO, Archroma), Mr. Assad (Pakistan readymade and garment association-PRGMEA), Engr. Saiful Islam (GM, Ahmad Jamal Textile Mill). The efforts of the UET Lahore and its Faisalabad Campus were appreciated by the representatives of academia and industry.



Inauguration of Urban Forest Site 1



Inauguration of Urban Forest Site 2









2nd Hostel Aesthetic and Plantation Competition

The 2nd hostel aesthetic and plantation competition was held on 25th October 2023. All the hostels put in their best efforts and the beatification of the hostels was appreciated by the jury. Several plants were planted in all hostels. Ali Hostel was the winner of the competition. The efforts of the Ali Hostel students and their RT, Dr. Abdul Rahman, were admirable.



Grassing of Main Playgrounds

Grassing of main playgrounds including cricket, football, and volleyball Playgrounds was carried out in 2023.

6th Plantation Drive with Support of Forest Office

The 6th Plantation Drive at the campus was carried out in October with the support of the Forest Office. More than 2500 plants were planted in this plantation drive.



Urban Vegetable Gardening Seminar and Plantation

Urban Vegetable Gardening Seminar and Plantation were carried out at campus from the platform of Aquila (Female) Society of the Campus on 11th December 2023. It was carried out with the support of Agriculture University. This initiative was led by Dr. Ghufrana and Mrs. Saba. The Chairman Department of Entomology and Principal Investigator of the Project, Prof. Dr. Muhammad Jalal Arif, along with Dr. Muzammil Jehangir delivered the lecture on the above subject. Then the awareness walks and seeds were sewn at the campus urban vegetable garden.











7th Plantation Drive with Support of the Environment Department

The 7th Plantation drive with the support of the environment department was carried out in November 2023. More than 2500 plants were planted under this initiative.









Thriving sports culture

Sports Gala 2023

The Sports Gala 2023 was organized on 20-2-2023 at Faisalabad Campus in collaboration with FWCCI. On this occasion Chairman of Standing Committee — Faisalabad Women Chamber of Commerce (FWCCI)





for Education, Campus Coordinator and Other dignitaries from FCCI, Faculty Members and students were present. The sports gala continued for a week from 20th – 26th February 2023. Campus students actively participated in the sports gala. There was total of twelve different games played in the sports gala which include;

-Cricket - Football -Volleyball
-Badminton -Tug of war -Ludo
-Table Tennis -Card -Chess
-Race -Long Jump -E-gaming
141 different students' teams of the campus
participated in the above games. Games were

full of thrill, competitiveness and excitement. The grand finale of Sports Gala 2023 was held on 4/3/2023.











Female students also participated in various games. Different faculty teams also played various matches with each other.

The Mega Closing Ceremony of the Sports Gala 2023 was held on 2-3-2023. Mrs. Rakshanda Kausar, Chairperson Standing Committee FWCCI for Education, Mr. Hamid Mahmood, CEO of Digital Transformation, and Prof. Dr. Muhammad Mohsin, Campus Coordinator were the guest of honor of the ceremony. There were 20 trophies, 60 medals, 60 certificates, and 15 shields distributed among the respective winners and runners-up.





Campus Sports Committee (CSC) under the leadership of Prof. Dr. Sajjad Ahmad and Dr. Haji Ghulam Qutab and the core student team of CSC have done a good job in organizing a well-managed sports week.



Sports Activities During Night

Sports activities during the night were also started at the campus in 2023. Lights and other arrangements were provided for the volleyball court and sports at night for the students. Each hostel is also provided with the indoor facility of badminton and table tennis for the first time. The campus coordinator inaugurated the three hostel facilities.



Addition of Tennis & Basketball Facilities at Campus

Sports play a vital role in students' development. Keeping this in mind several sport facilities were added at campus during 2023. The tennis court and basketball court were made added/functional with the facility of playing during the night as well.









Hard Ball Cricket at Campus

For the first time, a practicing net was installed at the campus cricket ground to promote hardball cricket at the campus. The campus also encourages and supports students in playing various leagues and matches at the main campus and other universities. The campus cricket team won the match against the agriculture university cricket team. The match was played at the agriculture university. The campus hardball

cricket team participated in the main campus hardball tournament and won several matches. The Campus cricket team was the runner-up of this tournament where various teams from the main campus and other campuses of UET participated.



Various Game Leagues Under CSC

Apart from the annual sports gala, CSC conducts regular sports activities and leagues at campus during the year 2023. During the month of November and December 2023 three leagues of flood light Volleyball League, Football league and cricket league were organized.







1st Combined Entry Test (ECAT) of UET at Campus

UET Lahore, Faisalabad Campus conducted the first combined entry test of UET in 2023. UET combined entry test is conducted at various locations and institutes in Punjab. However, it was the first time that it was conducted on campus, and it was a great success. It was a computer-based entry test. There were three computer-based test centers.

- > Two test centers in the "Department of Mechatronics & Control Engineering".
- One test center in the "Department of Textile Engineering".

There were two mock test days (where 500 students appeared from different centers) and four actual test days where 47 sessions of the test were conducted. Help desk, department visits, and other support was provided to the entry test candidates. The efforts of all the teams of UET Lahore FSD Campus including the technical team, admin team, transport team, security team, and PD team are much appreciated.











Improvements in Campus Medical Services

Improvement in Campus Health Center

Many improvements have been carried out related to the medical health center at UET Lahore, Faisalabad Campus. The campus has a dedicated medical doctor and medical staff to carry out routine checkups and provide professional medical services. Following are the improvements that were implemented in 2023.



- Addition of new medical related equipment and repair of old ones.
- Addition of Medical Ambulance
- New medicine for students and staff
- Medical staff visit and general checkup for students in the hostels.
- Clearing of all medical bills (faculty and staff) for financial year 2022-2023 for the first time.
- Free/marginal medical testing from Chughtai lab for faculty and staff.





Addition of Fully Equipped Ambulance

At the request of the Campus Coordinator, the worthy Vice Chancellor has kindly handed over the new ambulance to the UET Lahore, Faisalabad Campus on 3rd April 2023. It is a fully equipped ambulance, and it has started providing better medical facilities for faculty, Staff, and especially students. 24-hour university driver and an ambulance are available for emergency services.







1st Blood Donation Camp for Thalassemia Patients

The blood donating society of the UET Lahore, Faisalabad Campus organized the Blood donation camp at the campus for thalassemia patients. It was organized in collaboration with the Ali Zaib Foundation, their doctor, and paramedic staff. At the camp, free blood screening for campus students was also provided. More than 65 bottles of blood were donated by the campus students for this noble cause on 23-3-2023.





World Mental Day & Medical Health Camp at Campus

World Mental Day 2023 and Medical Health Camp was held on 12-10-2023 at UET Lahore (Faisalabad Campus) in collaboration with Little Voices Rehabilitation Center. More than 100 campus students and staff were provided with the relevant services by the experts of an 11-member team of psychologists, physiotherapists, Speech & Language pathologists, and Dietitians. Extended time was given by the experts for one-to-one sessions to students from 12 to 5 pm. The campus was thankful to the Little Voices Rehabilitation Center for providing this volunteer service to campus students.







Dengue Awareness and Seminar

The Dengue awareness seminar & walk was organized by the campus anti dengue committee lead by Dr. Ilyas on 21-11-2023. The seminar guest speaker was the expert from National Institute for Biotechnology and Genetic Engineering (NIBGE) and he enlightened the campus students, staff and faculty with the valuable information related to dengue. Participants, holding dengue prevention posters in their hands, embarked on a walk from the Mechatronics department to the admin block. This walk represents our collective efforts towards a healthier environment.





2nd Blood Donation Camp for Thalassemia Patients

Campus takes community services very seriously. The 2nd blood donation camp of 2023 was organized by the Blood Donating Society of UET Lahore Faisalabad in collaboration with Ali Zaib Foundation on 24-11-2023. Campus students donated more than 45 bottles of life-saving blood, making a lasting impact on the lives of those in need. In addition, blood screenings of more than 100 students were carried out on campus. Campus Coordinator, Prof. Dr. Muhammad Mohsin along with Ali Zaib Foundation representatives inaugurated this meaningful event. Ali Zaib Foundation appreciated the efforts of the blood-donating society, students, and administration of the Campus.







Funding of Campus Students Projects by PEC

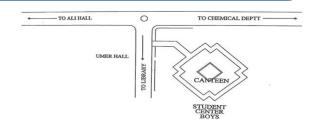
There were 10 final year students' projects of various departments that have been selected for funding in the 2nd phase of PEC FYDP financing (2023-2024). In the ceremony organized by PEC, Prof. Dr. Muhammad Mohsin (Campus Coordinator) received the certificate of appreciation from Chairman PEC Muhammad Haroon) along with students and faculty related to these projects on 21-12-2023. Details of the selected projects are as follows; 4 projects from Electrical Engineering, 3 projects from Mechatronics Engineering, and 3 projects from Textile Engineering. The projects were selected after a competitive process and evaluation. The selection of a good number of student projects reflects the professional level of teaching and research on the campus.





Establishment of New Dedicated Canteen

Prior to 2023, campus has a makeshift canteen at the 3rd floor of the library. However, after due approval, documentation and tendering, new canteen contract was awarded and completed in 2023.New canteen has been established in front of Ummar hall and near to library.



Approval of Campus Four New PhD Programs

It is a matter of pride for the campus that four new PhD programs of the campus have been given NOC from HEC in 2023. Previously, only PhD in Textile Engineering were offered at the campus from 2021 but from 2024 below new PhD programs will also be offered.

- Ph.D. Mechatronics Engineering
- Ph.D. Electrical Engineering

- Ph.D. Chemical Engineering
- Ph.D. Chemistry



6th National Literary Festival (BOL)

Extracurricular activities are essential for student grooming. The Literary Club of UET Lahore, FSD Campus has organized, 6th All Pakistan Literary Competition and Mushaira on 28-4-2023. Students from all over Pakistan participated in the following Modules.

- Qirat
- Hamd_e_Baari Ta'ala
- Naat e Rasool (SAW)
- Urdu Nazm
- Urdu Ghazal
- 100 Lafzon ki Kahani
- English Essay
- Urdu Mazmoon
- Bait Bazi

Expert judges evaluated the performance of the participating students and winners of each category were given shields and merit certificates. Gues of honors for this event was Mr. Farooq Khan, Senior Vice Chairman, All Pakistan Bed sheet and upholstery manufacturer association and Ms. Rukhsana Kousar, Chairperson standing committee on Education FWCCI. At the end, there was an excellent mushaira, and it was thoroughly enjoyed by the campus students and faculty.











Career Expo and Recruitment Drives

UET Annual Career Fair 2023

The main campus of UET (Lahore) conducted the 9th annual career fair 2023 on 21-2-2023. It is one of the biggest career expos in a Pakistani university where around 111 Industries with 175 stalls participated in the event. Different organizations conducted the interviews for recruitment, and around 20 Companies conducted recruitment tests and made job offers on the spot to the students of UET. The rest gave orientation sessions for students. The highest number of the Faisalabad Campus students participated in the career fair at the main campus in 2023. Two campus buses were provided for the transportation of the campus students.





Service industries Recruitment Drive at Campus

Servis Industries Limited, a leading tyre and shoe products manufacturer and exporter of the country visited the campus on 1-6-2023 for the recruitment of campus engineers in its Management Training Officer (MTO) Program. The Campus Coordinator and the faculty members welcomed their HR team to the Mechatronics engineering department. Later they conducted a test and presented their plan to the students and administration.







EW Career Expo Faisalabad 2023

UET Lahore, Faisalabad Campus participated and installed a stall at the EW career expo by invitation. The Campus Stall was visited by USA Deputy Chief of Mission (Mr. Andrew Schroff), USA Consul General Lahore (Mr. William K Makaneole), Chamber-FCCI president and their other officials, CEO ELO & Image Garments, and other industrialists & dignitaries. Many future collaborations and a number of opportunities for campus students with various industries were discussed. Campus receives a good response from the industry.





Akzo Noble Talent Acquisition Drive at Campus

The AkzoNobel, a multinational and worldrenowned company team visited the campus on 13-4-2023 for their talent hunt program. The campus administration welcomed the team and discussed a number of collaborative initiatives between the two organizations. Interaction with faculty was also arranged, with possible future collaboration and joint projects at the university level. The introduction of AkzoNobel, the training program, and future plan for the Faisalabad site were presented by AkzoNobel to students and faculty. In the end, the test session for recruitment in the company was conducted for students of Electrical Engineering, Mechatronics Engineering, Chemical and Engineering.







Diverse Highlights

Certificate Distribution Ceremony for LSC & Community Safety

After the rigorous three days of physical training, seminar, and passing of the online test, two distinctive certificates were awarded to each successful campus student and staff. The certificate distribution ceremony of the "Life Saver Course & Community Safety" for the students of UET Lahore, Faisalabad Campus was held on 2-3-2023. This batch is the first certified & trained students of UET Lahore Faisalabad campus. Prof. Dr. Muhammad Mohsin (Campus Coordinator, UET Lahore-Faisalabad Campus) appreciated the efforts and support of the Rescue-1122 Faisalabad team for providing such a useful opportunity to the students of the Faisalabad Campus.





Updating of Campus link at UET Official Website

The portion of the UET Lahore, Faisalabad Campus was updated with an attractive design and the latest information on the main UET website on 9-3-2023. The number of new tabs and the latest information were added at https://fsd.uet.edu.pk/.



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Campus Participation at UET Open Day 2023

UET open day was organized on 13-4-2023 at the main auditorium of UET Lahore. The Faisalabad



Campus of UET Lahore has actively participated in this Open Day and the Campus stall was frequently visited by the students & faculty. The Worthy Vice Chancellor has also visited the Campus stall and appreciated the products developed by the campus departments.



Final Year Industrial and Recreational Tour

Three days Final Year Industrial and Recreational Tour was arranged for all the final year students of the campus on 12-5-2023. Students visited the industry and Northern Areas of the country. UET Abbottabad hostel stay and transport were provided by the Campus.



Punjab HEC Team Visit to the Campus

Project closing visits were carried out by the Punjab HEC. Two departments' projects were funded by the PHEC. One Project was from the Textile Engineering Department (PI: Dr. Aamer Abbas Khan & Co-PI Prof. Dr. Muhammad Mohsin) and the second was from the Basic Science Department, Chemistry (PI: Prof. Dr. Sajjad Ahmad, Co-PI Dr. Danish).



The team has appreciated the progress on both projects. The team visited textile lab facilities and applauded the ongoing research projects.





Campus PM Laptop Distribution Ceremony

The PM's laptop distribution ceremony was held at the admin block of UET Lahore, Faisalabad Campus. There was a total of 59 students on the campus who received laptops as per merit.



Mr. Zargham Nusrat (Controller of examination UET Lahore), Mr. Gohar Ali Khan (HEC Representative), and Mr. Majid (Examination Branch UET Lahore) visited the campus and distributed the laptops to the top-scoring students from each department and session.



Campus Projects Display at 2nd All Punjab Universities Innovation Expo 2023

Two departments of the campus (Textile Engineering & Mechatronic Engineering) projects were selected by the PHEC for display at Two departments of the campus (Textile Engineering & Mechatronic Engineering) projects were selected by the PHEC for display at the 2nd All Punjab Universities Innovation Expo-2023. Campus project stalls were visited by a large number of people from industry and academia, and they appreciated the innovative technologies developed by the respective departments.







Magazine Design Team

