

UET Peshawar

SDGs MEDIA REPORT 2021



UNIVERSITY OF
ENGINEERING AND
TECHNOLOGY, PESHAWAR

The University

The University of Engineering and Technology, Peshawar, is a premier institution of higher learning in the field of engineering sciences. Started as a College in 1952, with an initial enrollment of only twenty students, today it boasts twenty four engineering departments, covering an entire spectrum of engineering and non-engineering disciplines, from the traditional, such as electrical and mechanical, to the cutting-edge technologies. With producing more than 2000 graduates every year, UET Peshawar has been treading on a continuous path to achieve its goal with a stronger such as Artificial Intelligence (AI), Data Science and Mechatronics Engineering and more efficient infrastructure and qualified Ph.D. faculty dedicated and administrative staff. Currently 10,000 students are enrolled in various disciplines of undergraduate and postgraduate levels and satellite campuses located in Peshawar (Main Campus), Abbottabad, Bannu, Kohat and Jalozai.



Satellite Campuses

Abbottabad Campus

The Chancellor, UET, Peshawar inaugurated Abbottabad Campus in October, 2002, in the old premises of Ayub Medical College. The city of Abbottabad gained fame as a city of schools and colleges. Due to a pleasant climate, people from all parts of the country send their children to study in reputed educational institutions such as Army Burn Hall, Abbottabad Public School, COMSATS Institute of Information Technology etc. In addition, five medical colleges in the city also attract students. Establishment of a campus of UET, Peshawar in Abbottabad has not only addressed a longstanding public demand, but also enhanced the city's image as a seat of learning. Known for its natural beauty, better climatic conditions and a vast network of educational institutions, Abbottabad was ideally suited for such an institution of higher learning in applied sciences. A new girls hostel with a capacity to accommodate hundred students has been constructed at the campus.

Bannu Campus

Bannu Campus became operational in May 2002, in the premises of the Comprehensive High School in the city. This has brought higher education in engineering sciences to this neglected middle-southern region. Prior to this, students would go to Dera Ismail Khan, Kohat or Peshawar to pursue their higher studies. Currently, two traditional disciplines in engineering sciences are offered, and efforts are afoot to consolidate these Programs. Large investment in strengthening

laboratories, and upgrading infrastructure are being done to quickly bring this campus at par with others.

Kohat Campus

The administrative and management control of Engineering Academic Programs of Kohat University of Science and Technology (KUST) was handed over to UET, Peshawar on April 3, 2012. At present, UET Kohat Campus is offering B.Sc. electrical engineering in leased premises, providing all necessary facilities to the students.

Jalozai Campus

The Jalozai Campus funded by HEC at the cost of Rs. 6,565.272 Million is being established on Pabbi-Cherat Road at 11 KM Southwards from GT Road in district Nowshera. Total area of the campus is 402 acres and the total covered area is approximately 1,021,233 sq. ft. with live-in strength of 3,240 students in eight departments. The Campus includes academic blocks, central facilities, amenities, sports & recreational facilities, hostels, staff residences together with infrastructural facilities and a Sewage Treatment Plant. At present, the departments of civil engineering, Electrical Engineering, Mechanical Engineering, Industrial Engineering and Computer Science and IT are offering undergraduate programs in relevant fields.

UN Sustainable Development Goals (SDGs)

At the Sustainable Development Summit on 25th September, 2015, UN Member States adopted the 2030 Agenda for Sustainable Development, which includes a set of 17 Sustainable Development Goals (SDGs) to end poverty, fight inequality and injustice, and tackle climate change by 2030. The Sustainable Development Goals (SDGs), also known as the Global Goals, are a universal call to action to end poverty, protect the planet and ensure that all people enjoy peace and prosperity. (<https://www.sdg-pakistan.pk/web/sdgs>). Pakistan was the first country to adopt the UN SDGs 2030 Agenda through anonymous resolution of parliament.

The role of universities and higher education institutions is also central to devise a comprehensive strategy for adopting the UN SDGs that are relevant to the Higher Education sector to help the country in achieving the national goal. UET Peshawar attaches much importance to play a responsible role in adopting the SDGs and subsequently reporting in its best possible form. UET Peshawar has initiated many activities and engaged allied departments to reflect on its sectoral activities relevant to 17 SDGs. UET Peshawar is proud to share “UET Peshawar SDGs Media Report 2021”, and look forward to continuing over its journey as an active partner in contributing towards fulfilling the national commitment of achieving agenda 2030.



THE Impact Ranking 2020

UET Peshawar is ranked first in Khyber Pakhtunkhwa in the SDG-17, "Partnerships for Goals" in Overall table. For SDG 8, "Decent work for economic growth", UET Peshawar tops in Pakistan under "Engineering and Technology" table and second in the Overall table in the fourth edition of the Times Higher Education (THE) Impact Ranking, 2022. THE is the British publication that provides global higher education coverage in which the standings of universities are based on the assessment of the United Nations' Sustainable Development Goals and Universities' performance in four broader areas including research, stewardship, outreach, and teaching.

THE Impact Rankings demonstrates a university's commitment to deliver the UN SDGs, make it compulsory for member universities to have SDG 17 (Partnership for the Goals), for inclusion in the "overall" table.



Action Plan

The UET Peshawar stands by its commitment to become an SDG engaged university and aligns all its action plans around relevant SDGs. For that matter, meetings are held on regular basis with allied departments to report relevant data for on time submission.



SDGs IMPRINT

Financial Assistance

Endowment Fund: 8.5m
Undergraduate: 98.2m
Postgraduate: 30K per Student

22
Partnerships

08
Outreach
Events

05
Literary &
Sports Events

184
Faculty Research
Projects

36
Faculty Development
Programs

235
Research
Publications

01
Women
Harassment Policy

33
Seminars /
Workshops / Trainings

07
Meetings of
Statutory Bodies

05
Development
Projects / Infrastructure

02
International
Conferences

23
University-Industry
Linkages

24
Foreign
Academic Linkages



UNIVERSITY FACTS



8,500 +

Students



400+

Faculty Members



43

Undergraduate &
Postgraduate Programs

12

Centers of Excellence
& Skill Development
Centers



23

Academic Departments



200+

Ph.D. Faculty

04

Satellite Campuses



Goal-1

NO POVERTY

1 NO POVERTY



TRAININGS
03

ENDOWMENT FUND
PKR 8.5 million

FINANCIAL ASSISTANCE
(Undergraduate)

PKR 98.2 million
600 Recipients

FINANCIAL ASSISTANCE
(Postgraduate)

PKR 30K
per M.Sc. Student

ETEA Engineering Entrance Test 2021 Held at Seven Centers

The Entrance Test for Academic Session 2021 of UET Peshawar was successfully conducted on August 22, 2021 simultaneously at Peshawar, Mardan, Abbottabad, Swat, Malakand, Kohat, and D.I. Khan Centers.

The test was conducted by the Educational Testing and Evaluating Agency (ETEA) of Government of Khyber Pakhtunkhwa. Around 8148 candidates from Khyber Pakhtunkhwa, erstwhile FATA, AJK and Gilgit Baltistan appeared for the entrance test. Mr. Dawood Khan, Secretary Higher Education, visited the Center. He was briefed about the salient features of the test and allied facilities. The efforts of UET Peshawar and ETEA were appreciated in terms of following the Covid-19 SoP's and medical facilities.



Prize Distribution Ceremony of “National Idea Bank (NIB)” Held at UET Peshawar

The prize distribution ceremony of National Idea Bank (NIB) was held at UET Peshawar on November 29, 2021. The Chief Guest of the ceremony was Mr. Atif Khan, Minister for Science, Technology and Information Technology, Khyber Pakhtunkhwa who gave away shields, certificates and cash prizes to the winners of different competitions held from 22nd to 27th September, 2021 for Peshawar region, hosted by UET Peshawar. The competitions were comprised of different areas including Education, Health, E-Commerce, Construction, Agriculture and Natural Resources. In total, 1200 innovative ideas were shortlisted for the NIB competition.



UET Peshawar, Rozee Pak for Capacity Building of Students

UET Peshawar and Rozee Pak entered into an agreement on 1st September, 2021 to enhance the capacity building and entrepreneurship skills of the students and Alumni. Through this agreement, Rozee Pak has established its portal on the UET Peshawar Career Development Center (CDC) home page: <https://uetpeshawar.rozee.pk>.

604 UET Students Receive Cheques Under “Ihsas Undergraduate Scholarship Program”

UET Peshawar arranged cheque distribution ceremonies for the “Ihsas Undergraduate Scholarships Program” on June 09, 2021 and August 06, 2021 respectively. At present, 604 scholarships have been awarded to the deserving students under the Prime Minister's “Ihsas Undergraduate Scholarships program”.



Training / Technical Workshops

Title		Date
1.	How to get reputed Jobs in US-based Companies	19 Nov 2021
2.	Seminar on Career Planning	09 Dec 2021
3.	Durshal New Startup Awareness Session	16 Dec 2021



Goal-2

ZERO HUNGER



Partnerships

02

Outreach Events

01

Durshal Holds Awareness Session for Young Entrepreneurs

A one-day seminar on “CALLING ALL STARTUPS” was held at UET Peshawar on December 14, 2021. The seminar was organized by the Office of Research Innovation and Commercialization (ORIC) in collaboration with “Durshal Incubation Center” a project of KPIT Board, Govt. of Khyber Pakhtunkhwa. The key note speakers of the seminar were Mr. Hanif, Project Coordinator and Mr. Fayaz, Assistant Coordinator Durshal who briefed the audience about Durshal Incubation Center; how to be a part of Durshal Program, eligibility and selection criteria. They also shared success stories of Durshal program and its impacts with the participants.



Artificial Intelligence for Smart Agriculture

UET Peshawar and the University of Agriculture, Peshawar inked a Memorandum of Understanding on February 11, 2021. The objective of MoU was to work together for mutual benefits in the field of “Artificial Intelligence intervention in Smart Environment and its impact on human and crop health and other fields in future”. The MoU was signed by Dr. Gul Muhammad, Director National Center for Artificial Intelligence (NCAl) and Dr. Anwar Ali Shad, Chairman Agriculture Chemistry Department, Agriculture University, Peshawar.



UET Peshawar, Department of Agriculture KP to Set-up Veterinary University, Swat

UET Peshawar and the Department of Agriculture and Live Stock, KP inked a Memorandum of Understanding on November 15, 2021. The aim of the MoU was to establish the first Veterinary and Animal Sciences University in Swat which will benefit the youth of the province and will be useful for agriculture, livestock, fisheries as well as farmers and livestock. The agreement was signed by Dr. Alam Zeb, Project Director, Department of Veterinary & Animal Sciences, Department of Agriculture and Livestock, Khyber Pakhtunkhwa and Prof. Dr. Bashir Alam, Director Planning and Development, UET Peshawar. According to the MoU, UET will prepare the master plan of Veterinary University Swat, besides designing and supervising its construction.





Goal-3

GOOD HEALTH AND WELL-BEING



Trainings

02

Partnerships

01

Literary &
Sports Events

05

Faculty
Research Projects

01

UET Hosts Mental Health Session

The UET Peshawar signed an MoU with Department of Psychology, University of Peshawar to collaborate and coordinate efforts that will help to improve the mental health and psychological behaviors of students, faculty member and officials of UET Peshawar on November 11, 2021.

Prof. Dr. Muhammad Idrees, Vice Chancellor UoP Peshawar and Prof. Dr. Iftikhar Hussain, Vice Chancellor UET signed the memorandum of understanding. According to MoU, both parties will share the common interest and goal in reducing the stress of the students and staff.

The students of Postgraduate Diploma in Clinical Psychology (PDCP), Department of Psychology, University of Peshawar conducted a seminar on "Mental Health Awareness" and "Stress Management" on November 24, 2021 at UET Peshawar. The speakers sensitized the students on identifying stress and different techniques to handle stress and provided in-depth understanding of clinical and counselling services offered at the Department of Psychology. Both institutions have already signed the MoU with the objective to hold various outreach sessions for improving interpersonal skills and stress management.



All Pakistan Declamation Contest

All Pakistan Declamation Contest was held at Iqra National University Peshawar on December 28 & 29, 2021. A total of 130 participants took part representing renowned Institutions of Pakistan. Team from UET Peshawar took part and won the contest by securing major positions. Muhammad Osama Jadoon, 5th semester Mechanical Engineering Department clinched 2nd Position in "English Serious" Category while Mahnoor Rahman, 5th semester Civil Engineering Department stood 2nd in "English Humorous" category.



Covid-19 Vaccination Drive for the Employees

UET Peshawar in collaboration with Health Department Khyber Pakhtunkhwa arranged the Covid-19 vaccination drive on June 28, 2021 for the Employees and the Students. The Vice Chancellor Prof. Dr. Iftikhar Hussain has made all measures to expedite the process of vaccination on the guidelines of National Command and Operation Center (NCOC) and Higher Education Commission (HEC), Pakistan for prevention of Covid-19.

Inter-Hostels Sports Week 2021

The "Inter-Hostels Sports Week 2021" (male & female) was held from 30th November to December 7, 2021 at UET Peshawar. The Sports Week was organized by Provost in collaboration with the Directorate of Sports. Various student teams residing in hostels took part in lawn tennis, badminton, futsal, cricket, volleyball, basketball and indoor games. UET Peshawar is committed to provide facilities to the students in the university and hostels. The management urged the students to take full advantage of such opportunities and participate in sports competitions as games are an important part which enhances the extraordinary abilities of character and physical abilities and thereby, strengthens the mental development.



DCSE Intra-Department Sports Tournament 2021

The Department of Computer Systems Engineering organized "Intra-Department Sports Tournament 2021" from November 22 to 24, 2021. Prof. Dr. Iftikhar Hussain, Vice Chancellor was the chief guest in the opening ceremony who also addressed the participating teams.



Different sports competitions were held among the four batches of Department of Computer Systems Engineering.

UET Participated in "Kamyab Jawan Sports Drive 2021

UET Peshawar different teams (male & female) including Athletics, Squash, Lawn Tennis and Hand Ball etc participated in the "Kamyab Jawan Sports Drive 2021", organized by different universities under the auspices of "Higher Education Commission, (Pakistan Universities Sports Board), held at Jinnah Stadium, Islamabad. In Lawn Tennis (Men), UET team including Ahmed Shafi, Usman and Jehanzeb grabbed 3rd position in all Pakistan Inter-Universities competitions.



Faculty Research Projects

Ultra High Molecular Weight Polyethylene with Rigid Reinforced Structures for use in Artificial Joint Application

The project is funded by Pakistan Science Foundation and National Natural Science Foundation China at the cost of Rs. 3.7 million. Conducting 3 years duration sponsored research project on “Ultra High Molecular Weight Polyethylene with Rigid Reinforced Structures for Use in Artificial Joint Application”. This project aims to design and fabricate high-performance ultra-high molecular weight UHMWPE implants with rigid reinforced framework for the joint application that will help in addressing the major problems in bio-medical / implant industry. Prof. Dr. Rizwan Gul is the Principal Investigator of this project at UET Peshawar.

Training / Technical Workshops

Title		Date
1.	Robotics Summer Camp	14-18 Aug 2021
2.	Seminar on Mental Health Awareness and Stress Management	24-Nov 2021



Goal-4

QUALITY EDUCATION

4

QUALITY
EDUCATION

F. Research Projects	Research Publications	Partnerships	Graduates Produced	Faculty Development Programs	Outreach Events & Meetings
2170	235	02	2185 Undergraduate 300 Postgraduate	36	03

Mechanical Engineering Final Year Project Exhibition 2021

The Department of Mechanical Engineering, UET Peshawar showcased 45 projects during the Final Year Project Exhibition 2021 held on August 24, 2021. The exhibition was organized by the Department of Mechanical Engineering. The final exhibited projects ranged from projects that had a conceptual nature to the state-of-the-art solutions in emerging fields of engineering and technology. The "Final Year Project Exhibition" is a regular feature of the Department of Mechanical Engineering held every year to celebrate the achievements of the students and encourage them to show case their project work to the public, especially the industry.



MoU with University of Swat

An MoU between UET Peshawar and University of Swat was signed on August 20, 2021. The MoU is aimed to cooperate for training and promotion of research and development generally between the University of Swat and UET Peshawar. Prof. Dr. Muhammad Jamal Khan Vice Chancellor University of Swat and Prof. Dr. Iftikhar Hussain, Vice Chancellor, UET Peshawar signed the MoU. The Vice Chancellors discussed the possibilities for collaboration to uplift the mineral sector and the health and safety of coal mine workers. A strategy was chalked to work in phases, where the heads of the institute acknowledged the strengths of UET Peshawar in the following areas of safety trainings of coal mine workers, gems identification, cutting and polishing and R&D work in terms of AI applications and robotics in the Mining and Mineral Sector.



MoU with Foster Learning

UET Peshawar entered into collaboration with Foster Learning, a skill developing organization on October 26 2021. Dr. Saeed Gul Director Career Development Center and Hira Javed, Chief Operations Foster learning signed the Memorandum of Understanding in presence of senior officials of UET Peshawar. The MoU is aimed to build capacity of the students in developing interpersonal and professional skills that will further help them in their start-ups and finding internship opportunities in respective fields.

The Foster Learning would encourage the students from UET satellite campuses in Bannu and other regions to participate in the FFTP. This platform would enable them in enhancing their communication skills and critical thinking ability.



37th Meeting of BOASAR

The 37th meeting of Board of Advanced Studies and Research (BOASAR) was held on April 29, 2021 with the Vice Chancellor Prof. Dr. Iftikhar Hussain in chair. Prof. Dr. Rizwan Gul, Secretary BOASAR presented the agenda items. The meeting recommended to facilitate the foreign students by relaxing the UET postgraduate admission criteria who are inducted through HEC and Foreign Office. The members vowed to facilitate the foreign students' especially Afghan students who show their interest in UET Peshawar's postgraduate programs. However, international students who apply directly to UET Peshawar will have to pass IELTS/TOEFL as per the approved admission policy.

The meeting also approved the HEC policy to extend the maximum duration of one year (2 semesters) for the M.Sc/M.Phil/Ph.D students who were near completion in Spring-2021 session but could not complete their studies in the wake of Covid-19 pandemic.



78th Meeting of the Academic Council

The 78th session/meeting of the UET Peshawar's Academic Council was held on 16th July, 2021 under the chairmanship of the Vice Chancellor Prof. Dr. Iftikhar Hussain. The meeting discussed the curriculum of Undergraduate and Postgraduate programs in detail and recommended to upgrade the curriculum based on Pakistan Engineering Council's (PEC) guidelines.



Dr. Naveed Ahmad got Fulbright Postdoctoral at Stanford University, USA.

Dr. Naveed Ahmad got Fulbright Postdoctoral at Stanford University, USA. Dr. Naveed Ahmad (Associate Professor, Department of Civil Engineering) won postdoctoral research position under the prestigious USEFP Fulbright Scholar 2021/2022 program, funded by the US Department of State. USEFP awards 15 grants every year to sponsor 13 junior and 02 senior scholars from Pakistan in several fields. Dr. Naveed has the honor of being selected in the senior scholar category. Dr. Naveed is appointed at Stanford University in the Department of Civil & Environmental Engineering in the School of Engineering to conduct research in the field of structural and earthquake engineering.

Foreign Faculty Development Program

UET's Human Resource Development program, started in 2004, is aimed to meet the growing need for professionals in state-of-the-art engineering disciplines. The following table shows the names of scholars pursuing their Ph.D in world renowned universities.

S.No.	Scholar's Name	Department	University
1.	Mubashir Hayat	Industrial Engineering	Brandenburg University of Technology, Germany
2.	Wasi Ullah	Electrical Engineering	University of Edinburgh, UK
3.	Majid Baseer	Industrial Engineering	University of DE Lyon, France
4.	Unsia Habib1	Chemical Engineering	University of Malaya, Malaysia (UTM)
5.	Sajid Khan	Petroleum & Gas Engineering	University of Malaya, Malaysia (UTM)
6.	Mustafa Kamal	Chemical Engineering	University of Malaya, Malaysia (UTM)
7.	Farhad Ali	Petroleum & Gas Engineering	University of Alberta, Canada
8.	Wajid Ali	Petroleum & Gas Engineering	University of Alberta, Canada
9.	Shakir Azim	Industrial Engineering	Ghent University, Belgium
10.	Muhammad Qasim	Industrial Engineering	University of Malaya, Malaysia (UTM)
11.	Hussan Khan	Civil Engineering	University of Malaya, Malaysia (UTM)
12.	Azmat Ali Shah	Telecommunication Engineering	Swinburne University of Technology, Australia

Ingenious Ph.D

S.No.	Scholar's Name	Department	University
1.	Engr. Sania Gul	Department of Electrical Engineering	UET Peshawar
2.	Engr. Azmat Ullah	Department of Civil Engineering	UET Peshawar
3.	Engr. Arbab Waseem Abbas	Department of Computer Systems Engineering	UET Peshawar
4.	Engr. Muhammad Aslam	Department of Electrical Engineering	UET Peshawar
5.	Engr. Ruhul Amin	Department of Electrical Engineering	UET Peshawar
6.	Engr. M. Irshad Khan	Department of Electrical Engineering	UET Peshawar
7.	Engr. Waheed Gul	Department of Mechatronics Engineering	UET Peshawar
8.	Engr. Noman Ullah	Department of Electrical Energy System Engineering	UET Peshawar
9.	Engr. Waqar Ullah	Department of Industrial Engineering	UET Peshawar
10.	Engr. Junaid Bahadar	Department of Electrical Engineering	UET Peshawar
11.	Engr. Khurram Sheraz	Department of Agricultural Engineering	UET Peshawar
12.	Mr. Faheem Ullah	Department of Basic Sciences & Islamiat	UET Peshawar
13.	Mr. Muhammad Taufeeq	Department of Basic Sciences & Islamiat	UET Peshawar
14.	Ms. Mehnaz	Department of Basic Sciences & Islamiat	UET Peshawar
15.	Engr. Latif Jan	Department of Electrical Engineering	UET Peshawar
16.	Engr. Irfan Ahmed	Department of Computer Systems Engineering	UET Peshawar
17.	Engr. Ammad Khalil	Department of Computer Systems Engineering	UET Peshawar
18.	Engr. Ghasan Husnain	Department of Mechatronics Engineering	UET Peshawar
19.	Zaheer-u-Din	Department of Basic Sciences & Islamiat	UET Peshawar
20.	Engr. Irfan Jamil	Department of Civil Engineering	UET Peshawar
21.	Engr. Muniba Afaq	Department of Computer Systems Engineering	UET Peshawar
22.	Engr. Durr-e-Nayab	Department of Computer Systems Engineering	UET Peshawar
23.	Engr. Abdul Basit	Department of Electrical Engineering	UET Peshawar
24.	Engr. Nasir Saleem	Department of Electrical Engineering	UET Peshawar
25.	Muhammad Ahsan	Department of Basic Sciences & Islamiat	UET Peshawar
26.	Mashood Ahmed	Department of Basic Sciences & Islamiat	UET Peshawar



Goal-5

GENDER EQUITY



Trainings

01

Outreach Events
& Meetings

01

Partnerships

01

Women
Harassment Policy

01

Seminar on “Awareness against harassment at workplace” held at UET Peshawar

An awareness seminar against harassment at workplace was held on November 23, 2021 at Video Conference Hall, UET Peshawar. Ms. Kashmala Khan, Federal Ombudsman, Federal Ombudsmen Secretariat for Protection against Harassment (FOSPAH) was the chief guest on the occasion. The objective of the seminar was to create awareness among the youth regarding harassment especially women which is increasing with every passing year. The event was attended by a large number of students and staff.



Khwendo Kor, UET Peshawar Sign MoU

UET Peshawar entered into collaboration with Khwendo Kor (KK), a non-profitable, non-governmental and non-partisan organization on December 24, 2021. Prof. Dr. Iftikhar Hussain, Vice Chancellor UET Peshawar and Mr. Khalid Usman, Director Operations KK signed the MoU in presence of senior officials of UET Peshawar and Khwendo Kor. The MoU aims for women empowerment and to encourage them to take active part after completing their education in the unrepresented sectors of Industry, technical field jobs, and business management.

Prof. Dr. Iftikhar Hussain, Vice Chancellor said that this is a very clear fact that women are in minority in STEM education although there is an increasing trend when compared with last decade's statistics. This prompted the university management interest to prepare the UET students to minimize the impact of obstacle that cause under representation of women in STEM jobs.



The Protection against Harassment of Women at the Workplace

UET Peshawar has adopted “The Protection against Harassment of Women at the Workplace (Amendment) Act 2022” in its 127th meeting of the Syndicate held under the chairmanship of Vice Chancellor, Prof. Dr. Iftikhar Hussain. The Act 2022 was notified on January 28th 2022 and officially enacted into law, which is an important step in strengthening and expanding the domain of the law. UET Peshawar had already adopted The Protection against Harassment of Women at the Workplace Act which was passed on 11 March 2010 with the aim to provide females a harassment free environment at workplaces. UET Peshawar while adhering to its core governance policy for protection against harassment of women is making concerted efforts towards achieving the gender equality at workplace. Adoption of amendment Act 2022 is a step towards achieving the SGD-5 “Gender Equality” under the UN Sustainable Development Goals.

Training / Technical Workshops

Title		Date
1.	Global Women Entrepreneurship Week (National Idea Bank)	29 Oct 2021



Goal-7

AFFORDABLE AND CLEAN ENERGY

7 AFFORDABLE AND
CLEAN ENERGY



Outreach Events
& Meetings

01

Partnerships

01

Faculty Research
Projects

05

Energy for Sustainable Development

International Conference on “Sustainable Energy Technologies”

The 3rd international conference on sustainable energy technologies was held online at the Center for Advanced studies in Energy, UET Peshawar. The theme of the conference was "Energy for Sustainable Development".

Prof. Dr. Iftikhar Hussain, Vice Chancellor appreciated the approach for "Going Green" during the COVID-19 pandemic. The Guest speaker included Prof. Dr. Clark Miller from Arizona State University, USA where he talked about Energy - Poverty Nexus. Other keynote speakers included Dr. Asif Mehmood from the University of Sydney, Australia and Dr. Faisal Asfand from University of Huddersfield, UK who spoke about the Advances in Battery Technology and Thermal Technologies, respectively. In total, 70 papers were presented in the conference.

Solar Technology Centre (STC) to Provide Quality Testing Services for PV Panels

UET Peshawar and Pakhtunkhwa Energy Development Organization (PEDO) signed a MoU at PEDO office on July 14, 2021. The MoU was signed by the Vice Chancellor Prof. Dr. Iftikhar Hussain and Engr. Qazi Muhammad Naeem, Chief Executive Officer PEDO.

The Purpose of MoU is to jointly collaborate to offer International standard quality testing of solar panels to the Government of Khyber Pakhtunkhwa. For this purpose, UET Peshawar will provide the quality testing services for PV panels through the Solar Technology Centre (STC) at the Center for Advanced Studies in Energy, (CAS-E), UET Peshawar. The STC follows international standards through upto date equipment and trained human resource who assist the industry in the assessment of PV panels. ORIC UET Peshawar will ensure compliance over decided terms and conditions of MoU.



CIBEA Conducts Energy Audits

In order to conduct Energy Audits for different buildings, the Center for Industrial and Building Energy Audits (CIBEA) presented its results in a seminar “Energy Savings in Universities” at US Pakistan Center for Advanced Studies in Energy (USPCAS-E), UET Peshawar. Prof. Dr. M.A Irfan, Principal Investigator of the project while sharing the result said that the projected savings by applying the energy conservation measures can be up to Rs. 18 Million per annum. We have conducted an extensive Energy Audit of FF Steel Mill, Lahore, the resulting energy conservation measures can lead to a saving of ten of millions rupees per annum, he added. He said, under this project, two merit based scholarships to the students in the field of energy have been funded.

Faculty Research Projects

Investigating factors affecting socio-technical integration of Micro-Hydro Power projects in Khyber Pakhtunkhwa, Pakistan. This is a Joint research project between University of Cambridge and UET Peshawar approved at the cost of 6700GBP.

Clean cooking and electricity through E-Stove in Pakistan. This is a Joint research project between Keele University, UK, University of the Punjab and UET Peshawar funded by British Council at the cost of 6300GBP.

Condition Monitoring and Predictive Maintenance of Fighter Aircraft Hydraulic System Using Machine Learning Algorithms. The Project is funded by Higher Education Commission at the cost of 13.228 million PKR.

UNIDO Energy Management System Implementation in KP and Baluchistan. The Project is funded by UNIDO at the cost of 50000USD.

A more reliable solar system for residential and commercial application. The current solar energy systems suffer from lower efficiency and reliability. This system is designed to improve the overall efficiency of the current solar energy system. The resultant system is more safe, cost-effective, reliable and efficient. Improving the efficiency of the system will make the technology cheaper, thus allowing small and medium enterprises and residential consumers to get electricity at much affordable rates. The project will also benefit people in the remote areas where there is no access to the national grids, or the voltage is very low.



Goal-8

DECENT WORK AND ECONOMIC GROWTH

8 DECENT WORK AND
ECONOMIC GROWTH



Trainings

01

Meetings of
Statutory Bodies

07

Training for Administrative Officers of UET Peshawar

UET Peshawar through the Continuing Engineering Education Center (CEEC) conducted five days training for the Administrative Officers which was concluded on October 25, 2021. The objective of training was to give detailed orientation to the senior administrative officers on University Act, Statutes and related issues required for understanding as part of their public service. Registrar Dr. Khizar Azam inaugurated the opening session while Prof. Dr. Sahar Noor Dean Faculty of Mechanical, Chemical & Industrial Engineering was the Chief Guest on the closing session. He also distributed certificates to the participants.

Prof. Dr. Riaz Akbar Shah, Director CEEC appreciated Prof. Dr. Abdul Shakoor and Dr. Nasir Ahmad for giving a detailed training to the officers. Senior officers from P&D, Law Office, Audit, Accounts, Budget Section, Directorate of Sports, Directorate of Works and Directorate of Media attended the training.



Meetings of Authorities & Statutory Bodies

SYNDICATE MEETINGS

122nd meeting of the S ndicate held on 13-03-2021

123rd meeting of the S ndicate held on 10-06-2021

124th meeting of the S ndicate held on 25th, 26th .09.2021

SENATE MEETINGS

8th meeting of the Senate held on 11-01-2021

9th meeting of the Senate held on 21-06-2021

ACADEMIC COUNCIL MEETINGS

78th meeting of the Academic Council held on 16-07-2021

FINANCE & PLANNING COMMITTEE MEETINGS

83rd meeting of F&PC held on 10-06-2021





Goal-9

INDUSTRY, INNOVATION AND INFRASTRUCTURE

9 INDUSTRY, INNOVATION
AND INFRASTRUCTURE



Trainings

12

Development Projects

03

Partnerships

03

Faculty Research
Projects

04

Speakers call for application of Artificial Intelligence for effective disaster management

A one-day workshop on "Innovative Solutions for Disaster Management" was held on November 16, 2021. The workshop was organized by the National Center for Artificial Intelligence (NCAI), UET Peshawar under the supervision of Dr. Gul Muhammad Khan, Project Director. The Vice Chancellor, Prof. Dr. Iftikhar Hussain was the chief guest on the occasion.

The objective of the workshop was to exchange information regarding disaster management and bring innovative solutions from the fields of Artificial Intelligence solutions for effective coordination and implementation of all measures to minimize the risks of natural disasters. The speakers empha-

sized over increased public awareness campaigns and education to reduce loss of human lives and infrastructural damage from natural disasters; availability of scientific and

research-based data, applied research in the field of AI and seismology through an interdisciplinary approach and application of early warning system.



Xypher Technologies, ARAL, UET Peshawar to Work Jointly in Smart Agriculture and AI

The Advanced Robotics and Automation Lab (ARAL), UET Peshawar and the Xypher Technologies, Islamabad signed a MoU on April 08 2021 to collaborate in the fields of Smart Agriculture and Artificial Intelligence (AI). The MoU was signed by Prof. Dr. Tahir Khan, Director National Center in Robotics and Automation and Mr. Faisal Yaseen, CEO Xypher Technologies, Islamabad. The ARAL and Xypher will work together in the fields of smart agricul-



ture and precision farming by applying AI.

The product will help the farmers to keep record of their activities in relevant fields while embedding the IoT and AI are the key common areas where UET Peshawar and Xypher Technologies would work together in Agricultural Sector such as agricultural sensing towers, agricultural drones and livestock technologies.

Environmental Friendly Product Development in Pavement Industry.

UET Peshawar and PAVERCRAFT (Pvt) Ltd., Adamzai Nowshera entered into a collaboration for joint applied research on August 03, 2021. Prof. Dr. Khan Shahazada and Mr. Shahab Khattak CEO, PAVERCRAFT (Pvt) Ltd. signed the MoU here today. The purpose of MOU is to bring academia, industry together to create industrial development that leads to environmental friendly product development in pavement industry. The Vice chancellor said, UET Peshawar is actively involved in bridging with industry as almost 58 percent of the collaborations are signed with local companies organized by ORIC.



Building Capacity to Develop Smart Start-ups

UET Peshawar entered into collaboration with IdeaGist, the world's largest incubator on September 15, 2021. Dr. Nasru Minallah Director Office of Research Innovation and Commercialization (ORIC) and Hassan Syed, CEO IdeaGist signed the MoU in presence of senior officials of UET Peshawar and IdeaGist. The MoU is aimed to build capacity of Final Year students in developing their start-ups through innovative ideas in their respective fields.



UET to Establish Cloud Integration and Analytics for Mass Data Platform R&D Lab

This research project is funded by HEC as part of National Center for Big Data and Cloud Computing. The project is aimed to gathering of digital data and computing analytics to ensure governmental regularization of revenue and citizens welfare from digital apps and IoT ecosystem.

Innovative Secured Systems Lab Sets-up at the National Center for Cyber Security

The Innovative Secured Systems Lab (ISSL) is established at UET Peshawar as part of the National Center for Cyber Security, a joint venture of HEC and Planning Commission. The aim of ISSL is to address cyber security issues and provide indigenous solutions for security testing of web-based systems, enhancing the security of IoT Devices and using blockchain technology for developing secure web and mobile applications. There are three sub-labs of the ISSL lab, i.e., Security Testing Lab, Secured IoT Devices Lab and BlockChain Security Lab. All these labs have demonstrated excellent progress and developed several cyber security products and frameworks including: effective vulnerability detection tools for web applications, automated tool for security asset classification, testbed for training and testing on web-based vulnerabilities, permission analyzer for mobile applications, framework for security assessment of Pakistani banks, anonymous chat application for mobile, diamond supply chain application, fabricated prototype for cyber secure smart logistics etc. These tools have been tested successfully and some of them have also been delivered to the industrial partners.

Secured IoT Devices Lab to Set-up at UET Peshawar

The utilization of IoT devices for monitoring of goods during conveyance is of paramount importance for ensuring the delivery of articles in good shape. The Secured IoT Lab would enable the deployment of cutting-edge scientific concepts and IoT based devices for the attainment of various economic and developmental goals.

Faculty Research Projects

National Centre of AI Development of Intelligent Mineral Resource Estimation and Intelligent Mine Planning Algorithms

The research outcomes are providing solutions to the industry in mineral resource estimation, mine design and production scheduling through IoT and AI-based algorithms. Researchers, internees and students from these projects emanate to find excellent job placement globally.

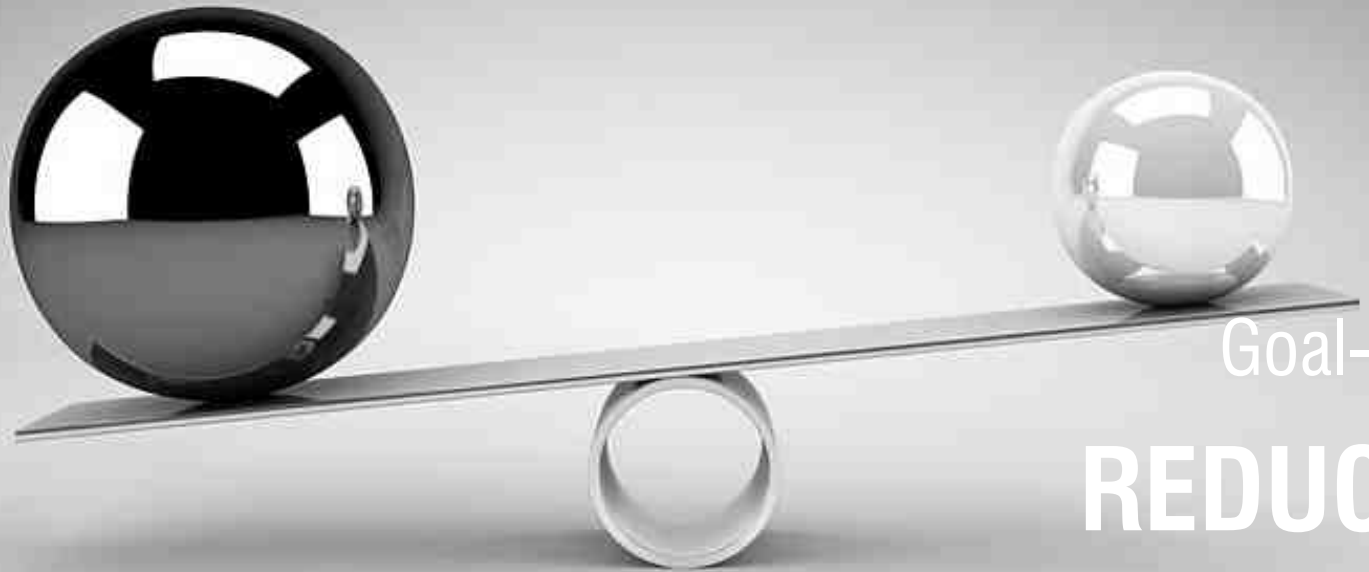
Technical and Economical Design of Placer Gold Extraction Plant Flowsheet: The research project has developed an indigenously designed gold processing unit that is useful for processing placer deposits in Pakistan. Several students at BSc, MSc, and PhD levels have graduated from this project.

Up-gradation, Utilization and Value Addition of KP Coal Resources: The project has developed an indigenously designed coal processing unit that is useful for upgrading coal deposits in Pakistan. Several students at undergraduate and postgraduate levels have graduated from this project.

Mineral Resource Estimation of Shinkai Copper Deposit for PMDC: Mineral resource estimation of copper deposit was provided to the Pakistan Mineral Development Corporation FATA for copper deposit at Shinkai North Waziristan through this project.

Training / Technical Workshops

Title	Date
1. Chinese Economic Development Model and CPEC	25 Aug 2021
2. Fundamentals of Deep Learning	21 Oct 2021
3. How to prepare entry for National Idea Bank at Video Conference Hall UET Peshawar	02 Nov 2021
4. How to prepare entry for National Idea Bank at Department of Chemical Engineering	03 Nov 2021
5. How to prepare entry for National Idea Bank at Department of Civil Engineering	03 Nov 2021
6. How to prepare entry for National Idea Bank at Department of Computer System Engineering	03 Nov 2021
7. How to prepare entry for National Idea Bank at Fast National University Hayatabad Peshawar	04 Nov 2021
8. Seminar on “What is good idea and how to register your idea at Presidential National Idea Bank Portal”	04 Nov 2021
10. Technical Workshop on Ethical Hacking of System and Protection Techniques	19 Nov 2021
11. NIB Prize Distribution Ceremony	29 Nov 2021
12. One day training on Pressurized Pipe Hydraulics; Calculating Pipe Flow, Head Losses, Total Dynamic Head	17 Dec 2021



Goal-10

REDUCE INEQUALITIES

10 REDUCED
INEQUALITIES



Partnerships

UET Peshawar, SAFRON, UNHCR to Work for Capacity Building of Afghan Refugees

UET Peshawar and the Ministry of SAFRON and UNHCR RAHA (Refugee-Affected and Hosting Areas) Program will work jointly for the development and capacity building of Afghan refugees students enrolled at UET Peshawar. In a high-level meeting held on May 04, 2021, the discussion was also held on matters of mutual interest including the PC-1 submitted in the context of a MoU signed earlier between UET Peshawar and UNHCR to renovate and rehabilitate the infrastructure of major engineering departments and laboratories; to increase access for the Afghan refugees to UET's academic programs and design vocational training courses for enrolled Afghan refugees.

Mr. Shaferaw, Program Officer UNHCR said UET Peshawar as a public sector university has enrolled a significant number of Afghan refugee students at its Undergraduate engineering programs that will help them get quality education as well as develop their skills. As part of MoU, he said, UNHCR will soon conduct the technical review of PC 1 and visit the buildings that are to be renovated while UET Peshawar will also engage the Afghan students for short technical courses, identify the scholarships and increase the seats for Afghan refugees in future. Prof. Dr. Iftikhar Hussain, Vice Chancellor UET Peshawar appreciated the UNHCR team for joint collaboration and agreed to look into the possibilities for outreach programs and considering the request for a discount in tuition fees for Afghan refugees under its self-finance programs.



UET, UNHCR, Afghan Commisionerate to Train Afghan Students

UET Peshawar, Commisionerate of Afghan Refugees and UNHCR signed the framework of Cooperation on February 03, 2021. Prof. Dr. Iftikhar Hussain VC UET Peshawar and Mr. Bernard Inkoom UNHCR Sub Office Peshawar signed the framework. The framework is aimed to facilitate the access to academic programs and professional training courses for Afghan refugees from basic to advanced level trainings.

University of Engineering and Technology, Peshawar NOTIFICATION

No. 01 /Acad/Reg

Dated 02 / 02 /2021

In continuation of the Notification no. 14/Acad/Reg. dated: 03-02-2020, the Vice Chancellor is pleased to renew the Grievances Redressal Committee (GRC) with the following composition for a period of one year with effect from 09-11-2020 to 08-11-2021.

1. Prof. Dr. Kaiser Ali, Department of Civil Engineering	Convener
2. Prof. Dr. M. A. Irfan Department of Mechanical Engg	Member
3. Director, Quality Enhancement Cell	Member/Secretary
4. Head of Concerned Section/Deptt./Centre/Directorate	Co-Opted Member
5. Law Officer	Co-Opted Member
6. Any other Person invited by Convener of GRC for help	Co-Opted Member

TORs of the Committee are as under:

- To redress grievances of employees/Students of the University without any discrimination.
- To suggest punitive action as per statutes against the person(s) involved in mal-administration.
- To suggest reforms in various section/department/Centre/directorate for better service.
- To play an advisory role for strategic planning of the University based on learning from the Redressal of various grievances.

No. 13/Acad

Sd/-
Registrar

Copy to:

- All Member of The GRC, UET, Peshawar
- All head of Sections/Teaching Departments/Directorates/Centers...
- Director, Quality Enhancement Cell, UET, Peshawar
- Director Under-Graduate Studies, UET, Peshawar
- Director, Internal Audit Section, UET, Peshawar
- All Campus Coordinators, UET, Peshawar
- The Manger, IT. Center, UET, Peshawar. (With the request to upload the same on web)
- PS to the Vice-Chancellor, UET, Peshawar
- PS to the Dean, UET, Peshawar
- PS to the Treasurer, UET, Peshawar

COJ
Registrar

Goal-11

SUSTAINABLE CITIES AND COMMUNITIES



Trainings

01

Conference

01

Infrastructure / Centers

02

Partnerships

02

Faculty Research
Projects

03

1st International virtual conference on “Recent Advances in Civil and Earthquake Engineering”

The first one-day International virtual conference on "Recent Advances in Civil and Earthquake Engineering (ICCEE-2021) "Making Resilient Infrastructures" was held on October 08, 2021. The Department of Civil Engineering, UET Peshawar organized the conference.

The conference was held with special focus on 8th October 2005 earthquake that caused a colossal damage to the infrastructure and human lives in Pakistan.

UET Peshawar is privileged to actively contributing in developing the National Building Code of Pakistan in 2007 and establishing the standards in coordination with Government authorities. Presently, UET Peshawar is actively involved in developing the Building Code of Pakistan (2021) and produced the seismic zoning map for Pakistan for the upcoming new code.

UET and ESED to Assess Structural Health of Schools / Colleges

UET Peshawar and Elementary and Secondary Education Department (E&SED) Government of Khyber Pakhtunkhwa entered into a collaboration on September 20, 2021 to carry out the structural health assessment of various schools /buildings in different districts of the province. Prof. Dr. Iftikhar Hussain, Vice Chancellor and Secretary E&SED Mr. Muhammad Yahya Akhunzada signed the MoU.

Under the MoU, UET Peshawar will use innovative techniques, in accordance with the international codes, standards and specifications, primarily including Rapid Visual Screening (RVS),



evaluating the seismic safety of a large inventory of buildings quickly and inexpensively, with minimum access to the buildings, and Detailed Structural Health Assessment (SHA), evaluating the seismic safety of buildings using visual condition assessment, performing field and laboratory tests and carrying out finite element analysis of the building. The E&SED will provide the finances within the mandate of project.

SIMBRI, UET Join Hands for Sustainable Construction Materials Through Joint Applied Research

UET Peshawar and SIMBRI Construction Solutions, Lahore (SCSL) entered into a collaboration for joint applied research in the development of sustainable construction materials on October 14, 2021. Prof. Dr. Khan Shahzada, Civil Engineering UET Peshawar and Mr. Syed Salman Al Hussainy, Chief Operation Officer SCSL signed the MoU the other day. The purpose of MoU is to coordinate efforts for new development for SCSL and in exchange, facilitating UET faculty and students in completion of research projects. SCSL will also provide its facilities to provide access to raw materials such as, fly ash, gypsum and cement etc to make innovative products for commercializing as well as offering internship opportunities to the students of Department of Civil Engineering.



National Institute of Urban Infrastructure Planning (NIUIP)

National Institute of Urban Infrastructure Planning (NIUIP) was established in December 2010 with Higher Education Commission (HEC) funding. It is committed to promote sustainable urban development in Pakistan, and apply research in combating challenges being faced by rapidly growing urban centers in the country. NIUIP is equipped with state-of-the-art technologies and equipment such as satellite imagery, simulation modeling for water and sewer systems, GPS and remote sensing tools, GIS digitizer, GIS scanner, Digital plotter, and licensed software such as GIS, STATA, PIPE, Oracle and GeneXproTools

- To develop it into a center of excellence for teaching, research, and training in urban infrastructure planning in Pakistan.
- To conduct research in emerging trends in urban planning and management, and urban infrastructure engineering.
- To identify and disseminate global best practices in urban planning and management.
- To develop national and international strategic partnerships for collaborative research.
- To train in-service professionals in government and non-government organizations in urban infrastructure planning.

Soon after its establishment in the year 2010, NIUIP started its postgraduate academic programs namely Urban Infrastructure Engineering and Urban Infrastructure Planning & Management.



Establishment of Traffic Characterization and Analytics R&D Lab

This project is funded by HEC as part of National Center for Big Data and Cloud Computing. Vehicular traffic flow being a dynamic system, experiences perturbation because of new entrant vehicles at ingress, causing shock waves which travels back in the traffic flow system causing congestions. Congestion, excessive acceleration and deceleration increases fuel consumption, emissions (CO₂, CO, dust particles etc.) and accident's vulnerability. Traffic flow models will be devised using wave propagation, fluid flow dynamics, constraint/linear programming, Queuing theory and regression techniques for forecasting, congestion mitigation and ameliorating traffic flow. A working simulator for traffic flow characterization and analytics will be developed that will support of real time route choice to the drivers by integrating real time data (congestion, pollution, and traffic flow) and make decisions for real time traffic.

Faculty Research Projects

Seismic Capacity Assessment of Textile Fiber Reinforced Infill Walls in Reinforced Concrete Structure

Funded by HEC-NRPU at the cost of Rs. 6.10 M), this project will be a step towards affordable and sustainable housing in Khyber Pakhtunkhwa.

Road Safety and Disaster Management / Protection on CPEC Route

The project is approved by HED Khyber Pakhtunkhwa and is in progress. It is aimed at implementation of technological solution to curb nature / manmade disasters. The potential outcome is disaster protection on CPEC Route.

Training / Technical Workshops

Title		Date
1.	One day workshop on Innovative Solutions for Disaster Management	16 Nov 2021



Goal-12

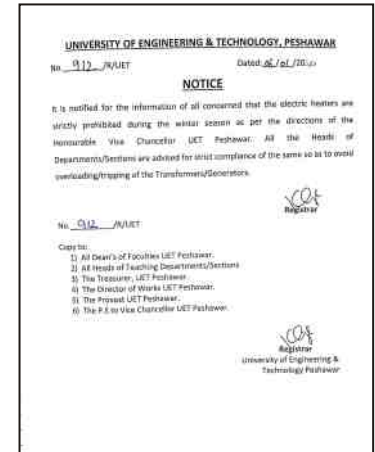
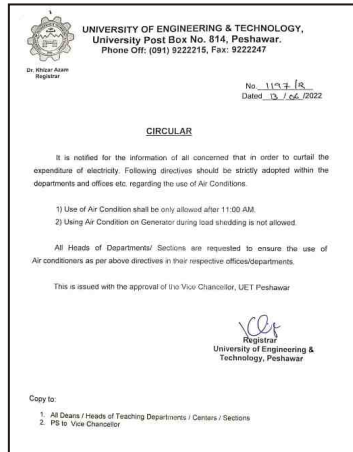
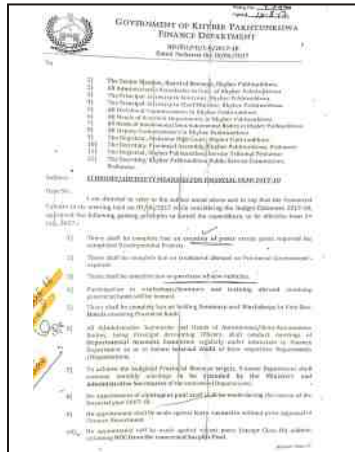
RESPONSIBLE CONSUMPTION AND PRODUCTIVITY

12 RESPONSIBLE
CONSUMPTION
AND PRODUCTION



UET Peshawar enacts austerity measures in light of financial constraints

In view of substantial financial challenges UET Peshawar confronts, the management has taken austerity measures to meet the financial constraints. These include reduction in the official meetings' overhead costs, turning-off air conditioners and electronic appliances during peak hours. The notifications circulated in this context ensured strict compliance from the staff.



Center for Industrial and Building Energy Audits (CIBEA)

S.No.	Title of Project with PI	Outcome (Expected Benefits to Society)
1.	<p>Center for Industrial and Building Energy Audits (CIBEA)</p> <p>PI: Prof Dr. M. A. Irfan</p> <p>Funded by: (HEC-TDF)</p> <p>Rs. 12 Million</p>	<p>conducted energy audits in selective departments and shared its findings in a seminar, “Energy Savings in Universities.” According to CIBEA, the projected savings could reach upto to Rs. 18 Million per annum by applying the energy conservation measures, shared by the CIBEA. The Center also conducted an extensive energy audit of FF Steel Mill, Lahore and recommended energy conservation measures in order to save ten of millions rupees per annum to the organisation. CIBEA also funded two merit-based scholarships to the students from the field of energy.</p>



Goal-13

CLIMATE ACTION



Plantation Drive 2021

Prof. Dr. Iftikhar Hussain, Vice Chancellor inaugurated the spring tree plantation campaign 2021 by planting a tree in the University. The campaign was organized in by We Care Society in collaboration with IM Sciences Peshawar. Dr. Wasif Jamal, Head of We Care Society IM Sciences, Prof. Dr. Sehar Noor Senior Dean UET, Mr. Azeem Khan, Admin Officer, Mr. Shahid Zafar Private Secretary to Vice Chancellor and other staff also participated in the drive.

On the occasion, the Vice Chancellor said that world is facing issues like climate change which can be overcome with planting more trees. He urged the teachers, students and staff to plant as many trees as possible and participate in the Clean and Green Pakistan campaign launched by the government.





Goal-16

PEACE, JUSTICE AND STRONG INSTITUTIONS

16 PEACE, JUSTICE
AND STRONG
INSTITUTIONS



Outreach Events

02

Faculty Research
Projects

01

Outreach Drive on EVM for Elections

The Federal Minister for Science and Technology Mr. Shibli Faraz visited UET Peshawar on August 30, 2021. The officials of ministry gave a detailed briefing to the audience about the working of the Electronic Voting Machine (EVM) as part of its outreach drive. The EVM has been designed as per the recommendations of the Election Commission of Pakistan. He informed that the EVM would help conduct fair, free and transparent elections in the country. The officials of S&T Minis-

try gave a detailed briefing to the audience about the working of the electronic

voting machine (EVM) and its live demonstration.



The Rehmat-ul-Alamin Week

The Rehmat-ul-Alamin Week was held at UET Peshawar from October 13 to October 19, 2021. Different competitions were conducted during the week including Naat and Quiz in honor of the Prophet Muhammad (PBUH). The faculty and students enthusiastically participated while a large number of people showed off to celebrate the week.



The Vice Chancellor Prof. Dr. Iftikhar Hussain said that the Holy Prophet (PBUH) is the great human being whose arrival brought spring in this world and ended the darkness of ignorance. He said, success in this world and in the hereafter could only be achieved by following Prophet (PBUH)'s teachings.

LDS, NAB Hold “Anti-Corruption Week 2021”

A one-day seminar regarding anti-corruption week was held on November 16, 2021. The Vice Chancellor, Prof. Dr. Iftikhar Hussain was the chief guest of the event. The event was organized by the Literary and Debating Society (LDS) in association with NAB Peshawar under the supervision of Dr. Samad Basir, Director Clubs & Societies. In the event, students also took part in different competitions.

The Vice Chancellor Prof. Dr. Iftikhar Hussain, Senior Dean Prof. Dr. Sehar Noor, Provost Prof. Dr. Afzal Khan, Chairman Department of Computer Systems Engineering Prof. Dr. Nasir Ahmed and Chief Proctor Prof. Dr. Abdul Shakoor addressed the participants. The speakers said, unfortunately Pakistan was also one of the corrupt countries in the world which created a negative image of our country. The speakers emphasized over different facets of corruption in

addition to financial corruption as neglecting one's duties also falls under the category of corruption while not paying the rights of others was also a form of corruption. The speakers said, Islam strictly forbids corruption in all forms. The teachings of Qur'an and hadiths must be followed to eradicate corruption from society. At the end, the Vice Chancellor distributed cash prizes and shields amongst the winners. In declamation contest, Mohammad Osama Jadoon won

first position; Mohammad Qasim got second and Mahnoor Rehman secured third position. In essay writing competition, Mohammad Shoaib Khalid stood first, Abdullah Arshad second and Zia-ud-Din got third position. In poster competition, Syed Adeel Shah got first; Obaid-ur-Rahman second and Hira Ahmed got third position. Later, the Vice Chancellor gave away shields to the organizing team.



Faculty Research Projects

Machine-to-Machine Communication with Mobile Networks for Economic Stability and Peace

The project is based on the requirements of a mega-project, the CPEC, and the focus of this project is to facilitate deployment of latest logistic related technology for remote monitoring of perishable goods during transportation. This project has resulted in establishment of research partnership with University of Lorraine, France which has enabled researchers from UET Peshawar to observe advanced logistics and communication networking industries of France. Research travel grants for visits to France by young researchers from Pakistan has given them opportunity to work instate-of-the-art environments and comprehend the “dynamics in logistics”.



Goal-17

PARTNERSHIPS FOR THE GOALS

17 PARTNERSHIPS
FOR THE GOALS



Trainings

01

Seminars

01

Partnerships /
Consultancies

10

University-Industry
Linkages

23

Foreign Academic
Linkages

24

Foreign Academic Linkages

UET Peshawar is mandated to identify and explore areas of cooperation and linkages with foreign and local institutions. Promoting academic collaboration with local and foreign universities in the form of student, faculty and student exchange, joint research, exchange of publications, sponsorship of conference and other academic activities is the main portfolio where we are actively involved in the initiation, planning, implementation and monitoring of linkage activities.



FOREIGN ACADEMIC LINKAGES

University of Illinois, USA
 University of Maryland, USA
 George Washington University, USA
 Mississippi State University, USA
 Old Dominion University, USA
 George Mason University Virginia, USA
 McGill University, Canada

University of British Columbia, Canada
 Cambridge University, UK
 Loughborough University, UK
 Southampton University, UK
 University of Glasgow, UK
 University of Strathclyde, UK
 University of Surrey, UK
 American Board for Certification of Teacher Excellence (ABCTE)

University of Bradford, UK
 Politecnico Di Torino, Italy
 Rose School University of Pavia, Italy
 AIT Bangkok, Thailand
 Shandong Academy of Sciences, China
 Tsinghua University, China
 Keele University, UK
 Pro-Quest
 University of Lorraine, France

Orientation Ceremony for Afghan National Students

The Orientation Ceremony for the Afghan National Students enrolled for ZERO SEMESTER at UET Peshawar was held on August 11, 2021. The Government of Khyber Pakhtunkhwa has announced to set up a dedicated sub-campus of UET Peshawar to facilitate the Afghan National students in pursuance of engineering education. This was stated by Mr. Kamran Bangash, Minister for Higher Education, Archives and Libraries, Khyber Pakhtunkhwa who was the chief guest on the occasion. He said, Pakistan and Afghanistan have brotherly relations and both the neighboring countries have same religion, history, culture and borders. Despite the fact, International powers and Internal elements have been instilling negative propaganda in the peoples of both countries to disturb the bilateral relations, Pakistan only wants peace in Afghanistan. He said, the Government of Khyber Pakhtunkhwa is cognizant of the issues of Afghan students studying in Pakistani universities, especially Khyber Pakhtunkhwa, adding, it is on special directives of Prime Minister of Pakistan Imran Khan that we are offering massive support to the Afghan students through scholarships and equal academic facilities like Pakistani students, said Bangash.

Vice Chancellor Prof. Dr. Iftikhar Hussain welcomed the Afghan students to UET Peshawar. He



said, in total 175 students have been enrolled to the Zero Semester course who will apply to different universities after receiving foundation level trainings for two months. In addition to this, 132 Afghan national students are already studying at UET Peshawar at various undergraduate and post-graduate programs. He said, the Government of Pakistan is offering scholarships to Afghan youth through the Higher Education Commission (HEC) for their capacity building through imparting quality education to 3000 scholars in various fields including medicine, engineering, agriculture, and management and computer science etc. He said, the aim of this scheme is to strengthen bilateral relationship between Pakistan and Afghanistan, further it will enhance people to people contacts

between both neighboring states. He said, out of 25000 Afghan candidates only 3000 have qualified the entrance test and sent to Pakistan for pursuing higher education in Pakistan. As many as 1000 Afghan students have been enrolled for "ZERO SEMESTER" at various public sector universities in Khyber Pakhtunkhwa.

Prof. Dr. Misbah Focal Person for Afghan National Students said, the zero semester consists of basic level training in Physics, Chemistry, English and Mathematics so that they are eligible to apply in their fields of interest for universities. He said, 3000 Afghan Scholarship covers living allowance, book allowance, and hostel dues & university tuition fee.

E-Commerce “Challenges and Opportunities and its Impact on the Business World”

A one-day seminar on E-Commerce “Challenges and Opportunities and its Impact on the Business World” was held at the Video Conference Hall, UET Peshawar. The seminar was organized by the ORIC UET Peshawar. The seminar was conducted by “BELIEVERS” Mar-

keting Private Limited. The participants of the seminar were briefed on Amazon Overview, Business Models, Amazon Sales Capacity, Road Map to Success on Amazon and How to Become a Successful Virtual Assistant.

UET Peshawar, PCST for Enhancing Academic-Industry Linkages

UET Peshawar and Peshawar Chamber of Small Traders & Small Industry (PCST & SI) signed a MoU on September 2, 2021 to extend cooperation to foster industry-academia linkages. Prof. Dr. Qaisar Ali Pro-Vice Chancellor, UET Peshawar and President PCST & SI Mr. Muhammad Adnan Jalil signed the MoU. According to MoU, both sides will work together to promote research culture in industry to boost industrialization in KP and produce demand-driven graduates for the industry. Both UET and PCST & SI agreed to cooperate for holding vocational and skills development programs for promotion of entrepreneurship.



UET Peshawar, University of Sialkot to Collaborate for Advanced Industrial Development

UET Peshawar entered into collaboration with University of Sialkot on September 23, 2021. The Vice chancellor UET Peshawar Prof. Dr. Iftikhar Hussain and Dr. Nadeem Ahmad Chaudhry, Pro-Vice Chancellor University of Sialkot signed the MoU.

Vice Chancellor Prof. Dr. Iftikhar Hussain said, in present times, collaborative activities are critical for driving advanced industrial development. If university researchers and practitioners join hands together, they create insights for practical approaches for solving societal problems. And, it is our main objective for signing the agreement to accomplish academic excellence and strengthen collaborations on R&D programs with University of Sialkot. Under the MoU, UET Peshawar through ORIC will strengthen ORIC of USKT and provide a platform to the faculty and students for joint research work in laboratories and conduct applied Industrial projects.



Dr. Nadeem Ahmad Chaudhry, Pro-VC USKT said, USKT joint initiative is focused at promoting the University to University partnership to work with local industry and conduct joint research projects in the engineering fields. Having rich industrial base in Sialkot, we can offer innovative solutions to local problems by taking advantage of UET Peshawar's best faculty and state-of-the-art laboratories. USKT attaches greater value to promote an entrepreneurial culture in students and want to make them adopt self-sustainable businesses.

University Industry Linkages

ORIC UET Peshawar facilitated faculty for research collaborations with following organizations / institutions in 2020

Planning and Development (P&D) Department, Khyber Pakhtunkhwa	NESPAK Pvt Ltd
Xypher Technologies, Islamabad	Pro-Quest
UNHCR & Afghan Commisionerate	KPEZDMC
Ministry of SAFRON and UNHCR RAHA	Rainmakers
Agriculture University Peshawar	American Board for Certification of Teacher Excellence (ABCTE)
NAVTTTC Government of Pakistan	Department of Agriculture, KP
Pakhtunkhwa Energy Development Organization (PEDO)	MoU with IdeaGist
PaverCraft (Pvt) Ltd.	Elementary & Secodary Eduction KP
University of Swat	University of Sialkot
Peshawar Chamber of Small Traders and Small Industry, KP	Simibri Construction Solutions, Lahore
Foster Learning (Pvt) Ltd.	Khwendo Kor, KP
Department of Psychology, University of Peshawar	

Training / Technical Workshops

Title		Date
1.	Science Journalism Society of Pakistan Expo (SJSP Science Expo-2021)	14 Dec 2021

Department of Civil Engineering

- ▶ Lahore University of Management Sciences (LUMS)
- ▶ Irrigation Department KPK.
- ▶ ETA Consultants.
- ▶ CAMEOS Consultants.
- ▶ PAVRON Consultants.
- ▶ P & D Khyber Pakhtunkhwa.
- ▶ NESPAK Consultants
- ▶ YIC (youth International Conceive)

Department of Computer Systems Engineering

- ▶ Foster Learning Pakistan
- ▶ Vodafone Global Enterprise, Germany
- ▶ Naseeb Online Services (Pvt.) Limited

US-Pakistan Center for Advanced Studies in Energy

- ▶ University of Cambridge, UK
- ▶ Keele University, UK
- ▶ University of the Punjab

Department of Industrial Engineering

- ▶ Paraplegic Center Peshawar

Consultancy Contracts

C&W Division Mansehra	C&W Division Swat
TMA, Town-1, Peshawar	C&W Division Kohistan
Provincial Housing Authority, ATI Campus Peshawar	PDA Hayatabad
C&W Sub Division Dassu	C&W Sub Division Pattan, Kohistan
Directorate of Works, University of Swat	Sub Divisional Officer (B-I), Building Division Mansehra

UET Media Outreach

The Directorate of Media with the brand, “UET Media” ensured a wide coverage of UET Peshawar’s official activities in print and electronic media. During the reporting period, around 68 events have been covered in print and electronic media, 109 various advertisements published in national dailies, organized 2 international/national conferences, have published 02 weekly feature in national dailies. Under outreach activities the Directorate participated in two education expos, published Undergraduate Prospectus, Postgraduates Prospectus (2020-21), Annual Report 2018-20, issue of Newsletter (Jan - Dec 2021) and UET Peshawar SDG’s Media Report 2018-20. The Directorate of Media & Publications planned and successfully executed social media campaign for Undergraduate and postgraduate admissions 2020-21. Executed the branding and marketing component of University under the Vice Chancellor’s Strategic Vision Plan.







COMPILED AND PRODUCED BY

Directorate of Media & Publications

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-  school/uetpeshawarofficial
-  TheUETPeshawar
-  theuetpeshawar