

University of Engineering &
Technology, Peshawar, Pakistan

Newsletter

September, 2015

Patron: Engr. Syed Imtiaz Hussain Gilani, Vice Chancellor

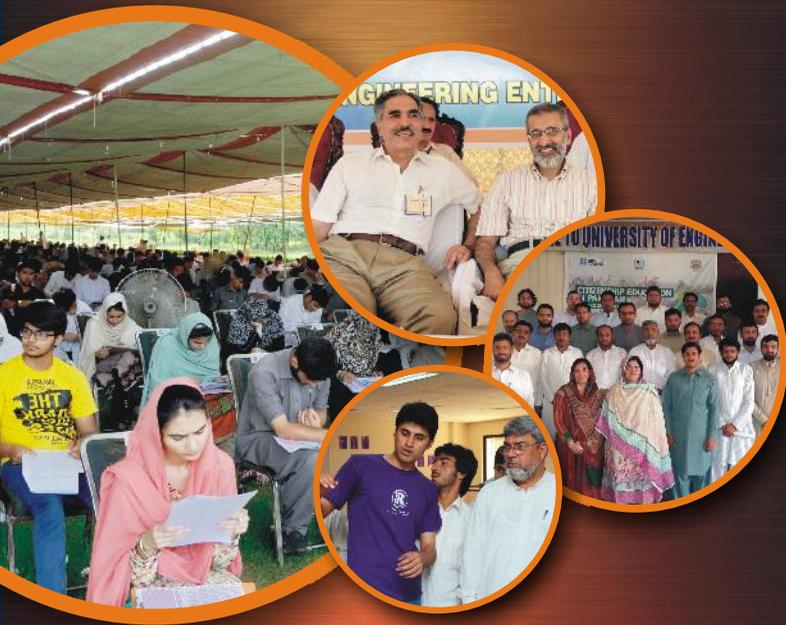


striving for the highest level of
ENGINEERING EXCELLENCE

INSIDE

Mission Statement

To impart state-of-the-art engineering education, through training and research, and produce highly qualified, well-rounded professional engineers who play a leading role in the socio-economic transformation by powering, and driving, a knowledge-based economy for national development.



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Vice Chancellor's Message

September brings a pleasant change from the scorching summer heat as we brace for another academic year. It is also exciting for the youth as they enter a new phase of their lives and plan to join universities. The admissions for undergraduate and postgraduate levels at UET are in full swing.

With the start of the new academic calendar, we are enrolling the batch of would-be-engineers. We shall endeavour to bring improvement in our well prepared, and well groomed, engineers from this batch of youngsters the same way we have been doing for the last over 35 years.

With over 100 Ph.D faculty members, UET Peshawar is on a steep rising course, and has been ranked 5th Best Engineering University in Pakistan by Higher Education Commission, out of total of 17 universities in engineering sector. It is a jump of three places from last year when we were ranked number 8!

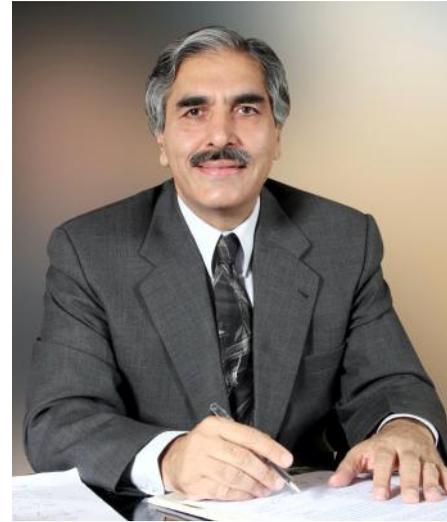
UET Peshawar has been continuously producing quality professionals in different fields of engineering. And the trust shown by the foreign universities in different partnership programs with UET is an ample proof of the high standards maintained by this university. U.S.-Pakistan Center for Advanced Studies in Energy (USPCAS-E), which is a \$15million USAID funded project, is up and running. It is an honour for UET Peshawar that it is among the only two universities which have been awarded the project of USPCAS-E in Pakistan. I was recently at Arizona State University – our US partner – for launch of USAID energy initiative for Pakistan. US Senator John McCain was also present on the occasion. Our project was appreciated by senior USAID officials in Washington DC, after we made our presentation.

UET Peshawar is not only helping students from provincial metropolis, but with a well planned network of campuses in Khyber Pakhtunkhwa, the university is catering to the need of students from all over the province. Jalozei Campus in Nowshera is now running programmes in civil, electrical and industrial engineering.

A very warm welcome to the new entrants. I urge the old students to help the newcomers in understanding the environment of UET Peshawar. I also urge the future engineers to keep the flag of our country high wherever they live and work. We promise you the best four years of your life!

At UET we are sharply focused on applied research, and we are forging close ties with the government and industry. This affords our students to gain practical knowledge which is a sine quo non for any successful engineer.

God bless you all!



A handwritten signature in black ink, appearing to read 'Syed Imtiaz Hussain Gilani'.

Engr. Syed Imtiaz Hussain Gilani

UET Declared 5th Best Engineering University



HEC Announced
Universities
RANKINGS



University of Engineering and Technology, Peshawar is continually strengthening its position as one of the elite engineering universities of the country.

In the recently announced ranking for the year 2014 by Higher Education Commission (HEC), University of Engineering and Technology (UET) Peshawar has been ranked fifth best university out of a total of 17 recognized universities in engineering category, which is a jump of three places from last year when we were at 8th place.

The Vice Chancellor UET Peshawar, Syed Imtiaz Hussain Gilani commenting on the elevation in the ranking of the university, appreciated the efforts of the faculty members and staff. The Vice Chancellor also hoped that with little more effort and hard work the University can further improve its ranking. The credit for this achievement goes to the faculty and students across all the disciplines, and all campuses of UET, Peshawar.

UET Peshawar Entrance Test 2015-16 held

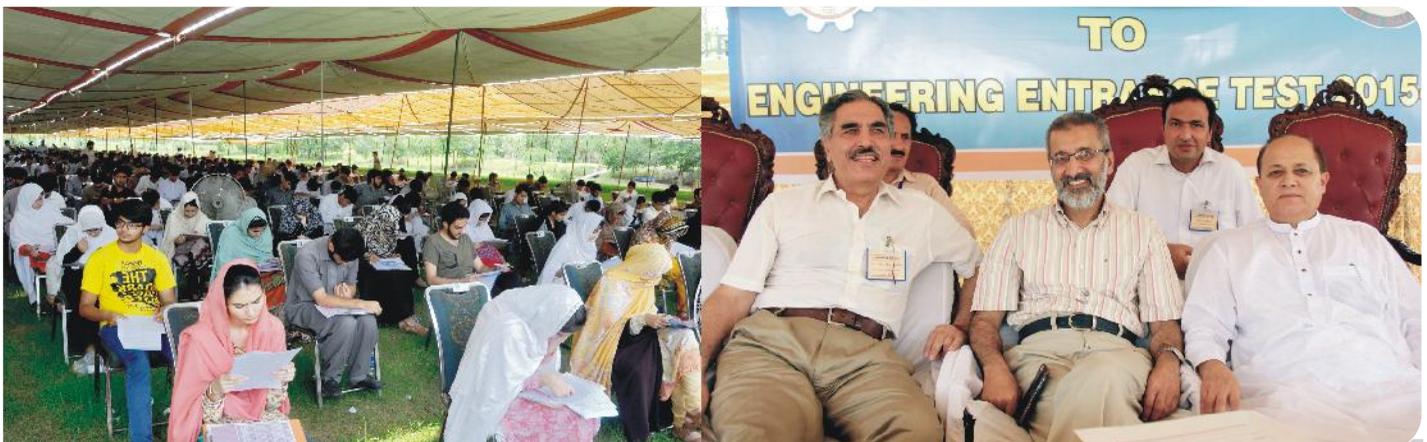
More than 14,000 candidates appeared

A well-organized Entrance Test for Academic Session 2015-16 of the University of Engineering and Technology, Peshawar was successfully held on August 6, 2015 simultaneously at four centers including Peshawar, Abbottabad, Swat and D.I. Khan. Due to the rain-related issues it was for the very first time that the Test was held during a weekday.

In Peshawar, the test was conducted on two venues including Islamia Collegiate Ground and Cricket Ground at University of Peshawar; in Abbottabad test was conducted in Ayub Medical College; in Swat at Grassy Ground Saidu Sharif and University Wensum College in D.I, Khan.

The test was conducted by the Educational Testing and Evaluating Agency (ETEA) of Government of Khyber Pakhtunkhwa. Around 14253 candidates from Khyber Pakhtunkhwa, FATA, AJK and Gilgit Baltistan appeared for the entrance test.

Vice Chancellor University of Engineering and Technology, Peshawar Syed Imtiaz Hussain Gilani, who was present on the occasion, expressed his satisfaction over the arrangements for the Entrance Test. He said, due to large number of students



Engr. Syed Imtiaz H. Gilani, Vice Chancellor UET Peshawar, Dr. Hafizullah, Vice Chancellor KUM and Dr. Khalid Khan, Add. Secretary HED, KP during the entrance test

appearing for the test in Peshawar, it was conducted at two places which gave candidates a comfortable environment. He especially thanked and appreciated the Campus Police for providing foolproof security for the test, as it was for the first time that the test was held during a weekday and not on a weekend. Vice Chancellor also expressed his hope that next year the ETEA test will be on-line which will help the students in appearing for the test in the more comfortable environment.

Additional secretary Higher Education Department KP, Dr. Khalid Khan visited the centers and expressed satisfaction over the arrangements.

At Peshawar Centre, a total of 9129 candidates appeared in the test with 8803 candidates for admission in engineering disciplines, and 326 candidates appeared for Computer Science group. At Abbottabad Centre among 1623 candidates, 1589 candidates appeared for engineering group, whereas 34 candidates for the computer science group, at Swat Centre, 2230 candidates appeared in the test with 2201 candidates for engineering disciplines, and 29 candidates appeared for Computer Science group while at D.I. Khan Center 1271 candidates appeared in the test with 1240 candidates for engineering disciplines, and 31 candidates appeared for Computer Science in the entrance test. Altogether 515 female candidates and 13738 male candidates appeared in all centers.

All the appearing students were provided mineral water and tissue papers keeping in mind the harsh and humid weather. Similarly, medical facility and ambulance was also available at the Test centers.

Prof. Dr. Hafeez Ullah, VC KMU, Prof. Dr. Noor Muhammad, Dean Faculty of Engineering, Registrar UET, Dr. Inayat Ullah Babar, Director Admissions UET, Dr. Laiq Hassan and other faculty staff and ETEA officials were also present on the occasion.



Final Year Project Exhibition 2015

Like every year a grand exhibition of engineering projects by outgoing students of undergraduate programs was arranged on June 17, 2015. In the one-day event as many as 36 projects of Department of Mechanical Engineering, University of Engineering and Technology (UET) Peshawar were showcased. The exhibition was aimed to provide a platform to the graduating students to present their mechanical projects they had done during final semester. The exhibition was organized by the Department of Mechanical Engineering under the supervision of Dr. Alamzeb Khan, with technical support of American Society of Mechanical Engineers (ASME), and ASHRAE, UET Peshawar.

Prof. Dr. Noor Mohammad, Dean Faculty of Engineering was chief guest of the event. During his visit to different stalls at the exhibition, Prof. Dr. Noor Muhammad praised the efforts of the graduating students in preparing different projects. He termed the event as important experience for engineering students where they could interact directly with people linked to the industry.

The projects prepared by the students were mostly of the industrial level having practical usages at local level and assured their market viability. A panel of judges from Mechanical Engineering Department evaluated the projects based on their presentation and work efficiency. Out of total of 36 projects, three projects were declared as the



A student project during final year project exhibition 2015

best projects. “Design and manufacturing of 2-stroke hydro trust power generator” got first position while “Bio-gas purification and upgrading” and “Design modification of mid-engine rear wheel sports car” got second and third positions respectively.

In closing ceremony Dean, Faculty of Engineering, Prof. Dr. Noor Mohammad distributed shields and certificate

among the winners and the participating groups of the exhibition.

At the end, Dean appreciated the efforts of Prof. Muhammad Pervez, Chairman, Mechanical Engineering Department, Dr. Alamzeb, AMSE, ASHRAE and other student societies for arranging such mega event.



Art Exhibition “Kaawish”

More than 30 leading educational institutions participated in two-day event

Literary and Debating Society (LDS) of University of Engineering and Technology, Peshawar organized two-day arts exhibition “Kaawish” from April 22-23, 2015. The event was sponsored by Department of Culture, Khyber Pakhtunkhwa and The Nerd Camp, Peshawar. More than 30 leading institutions from Khyber Pakhtunkhwa including UET Peshawar, Islamia College, IM Sciences, College of Home Economics, Jinnah College for Women, Iqra University, Department of Fine Arts, Khyber Medical College Peshawar, Frontier Model School, Fazaia Degree College Peshawar, University of Peshawar, Superior University Lahore and others show-cased their work and took part in different competitions.

Ms. Zil-e-Huma, from College of Home Economics, Ms. Afsheen, Fine of Arts Department and Raheel Asif of UET Peshawar acted as judges of the event.

Vice Chancellor University of Engineering & Technology, Peshawar Engr. Syed Imtiaz Hussain Gilani graced the occasion as chief guest. He gave away the prizes and certificates to the winners and organizers. He urged students to

use their academic years to develop interpersonal skills to keep themselves up to date with modern trends. He was of the view that such thought-provoking extra-curricular activities are the key to a healthier and positive environment for our youth. He also appreciated the efforts of Dr. Ashfaq Khan, Director Clubs and LDS for organizing such colourful event.

In competition of Sketching, Mr. Arsalan Khan from Arts and Design Department, in painting Faiza Khan from Shaheed Benazir Women Unviersity, in Mosaic Ammara, Tehmina, Azra from Home Economics Department, in Best out of Waste Ahman, Maha, Taqdees from Home Economics Department, in photography Aftab Hussain from UET Peshawar and in Face Painting Burhan Ahmed from University of Peshawar stood 1st respectively.

In Exhibition of sketching; Danish Khan from KMC, in Painting Yaseen Mehmood from UET Peshawar while in school category in painting exhibition Qurat-ul-Ain from Frontier Model School got the first position.



UET Faculty Completed Training for Active Citizenship Program Launched by British Council Pakistan

Around 30 participants from the faculty of University of Engineering and Technology, Peshawar completed the five-day training on Active Citizens Program conducted by British Council.

During the training conducted at the main hall of the UET Peshawar, four facilitators from British Council helped the faculty of UET Peshawar to have an overall know-how of the program which will be studied at the undergraduate level from this year. The program has been jointly launched by the Higher Education Commission (HEC) and the British Council for students of all degree-awarding institutions.

Prof. Dr. Noor Muhammad, Dean, Faculty of Engineering was the chief guest on the occasion. Speaking at the concluding ceremony of the training, Prof. Dr. Noor Muhammad said that it was an appreciable initiative by the HEC and British Council. He said the training was a fruitful one as even the faculty gained a handsome amount of knowledge from the training. Prof. Dr. Noor Muhammad assured the British Council for full support from UET, Peshawar for success of the program.

Active Citizens is a not-for-profit program run by the British Council in partnership with civil society organizations and educational institutions to encourage groups of youth to engage in social responsibility by developing and delivering sustainable projects on urgent themes such as poverty, literacy, democracy and climate change. Active Citizens Program will also soon be part of the syllabus of Undergraduate students at UET Peshawar.



Dean, Faculty of Engineering, Prof. Dr. Noor Muhammad in a group photo with participants

Huawei Conducted On-campus Interviews at UET Peshawar

A 12-member delegation of Huawei Telecommunication Company visited the University of Engineering and Technology (UET) Peshawar for "On Campus Internship Interviews". The delegation also included four Chinese nationals. The delegation was received by Professor Dr. Syed Waqar Shah, Chairman Electrical Department and Engineer Gulzar Ahmed.

Dean UET Peshawar Prof. Dr. Noor Muhammad in his welcome address to the delegation thanked Huawei Com-

pany for showing interest in hiring the students of UET Peshawar for their internship programme. He especially thanked the visiting Chinese officials of the company for their visit and assured them full support from UET Peshawar.

Registrar UET Peshawar Dr. Muhammad Inayatullah Babar speaking on the occasion said that it was an honour for the university that a company of international stature has shown interest in hiring the students from the university.

He said this clearly shows the quality of the education which UET Peshawar was providing for years.

While speaking on the occasion the Chinese members of Huawei said that it was their first visit to Peshawar and they were thankful for the hospitality shown by the staff of the university.

The Huawei team also gave brief presentation about the company to the students of Electrical Department from

Peshawar, Kohat and Mardan campuses. Later a 40-minute written test was conducted after which Huawei delegation carried out interviews of the students selected after written test. The selected students will be given chance to work for Huawei as part of a three-month internship programme after the completion of which they will also be given stipend.

359 More Students Given Laptops

Under the Prime Minister Laptop Scheme around 359 more students of University of Engineering and Technology (UET) Peshawar were given laptops on June 6, 2015. In addition, the students were also given the laptop bags and EVO devices along with the laptops.

The distribution of laptops was done in a fair manner and according to merit. Students on the occasion thanked the UET Administration and the Prime Minister for giving them laptop as token of appreciation for their academic success.

Addressing the students, Mr. Nek Muhammad Khan, Treasurer UET Peshawar and Dr. Laiq Hasan, Chairman, Department

of Computer Systems Engineering on behalf of Engr. Syed Imtiaz Hussain Gilani, Vice Chancellor UET Peshawar, advised the students to make maximum use of the laptops for academic purposes and research work and advised them not to sell these laptops in the market.

Prof. Siddique Akbar, Coordinator Abbottabad Campus, Dr. Asfhaq Khan, Director Clubs, UET Peshawar, Mr. Jamil-ud-Din, HEC Focal Person and Incharge HEC Cell for Prime Minister Laptop Scheme, faculty members and administrative staff were also present on the occasion.



Mr. Nek Muhammad Khan, Treasurer UET Peshawar, distributing laptops among the students

UET Peshawar Reserves Two Seats for APS Victims

University of Engineering and Technology will offer two seats for the victims of the Army Public School incident from 2015-16. The recommendation of these two special seats was given in the 66th meeting of the Academic Council of University of Engineering and Technology.

Chairing the meeting Vice Chancellor UET Peshawar, Syed Imtiaz Hussain Gilani said that the administration and faculty of the University stand by the forces of Pakistan in their vow to eradicate terrorism from the country. Academic Council of UET Peshawar later unanimously recommended the seats for the APS victims for approval of the Syndicate.

As per details under the "Education Package for Victims of Army Public School" University of Engineering and Technology Peshawar will allocate 2 seats for APS victims one each in Civil Engineering Department and Electrical Engineering Department. UET Peshawar will provide free education to students to be enrolled on these two seats and this 15-year programme will continue till 2030.

Naveed Ahmad Re-joins After Fulbright Scholarship from USA

Engr. Naveed Ahmad a Fulbright Scholar has re-joined Department of Mechanical Engineering, UET Peshawar in February 2015 after completing his masters in Energy Management from Institute of Technology, New York, USA. He also successfully completed certification in Energy Management (CEM) and is one of the few professionals in Pakistan with CEM certification. Naveed Ahmad also holds certification in Renewable Energy from American Association of Energy Engineers (AEE) and a certification in Organizational Green House Gas Management. His MS thesis was in the area of Energy Audit and building energy simulation titled as "Comparison of Energy Modeling Software". Engr. Naveed Ahmad has developed expertise with solar system design, energy auditing and conservation in USA.



Engr. Naveed Ahmad has also served as advisor Pakistan to United Nations during his stay in US. He has served on second and third committees of United Nations relevant to areas of Sustainability, Energy, Environment and Poverty Alleviation. His report on use of GPS technology for scrutiny of elections in third world countries was highly appreciated. As part of industrial training Engr. Naveed Ahmad conducted over fifty energy audits of commercial and industrial facilities in New York City with Redocs International. He headed green buildings project with Suffolk county New York.

UET-SUPARCO Projects

In 2014, UET Peshawar and SUPARCO signed and MoU to play an active role in Pakistan National Student Satellite Program (PNSSP) initiated by SUPARCO to impart knowledge to students in highly specialized field of space technology.

PNSSP was launched to involve, train and prepare university students for the high-tech space industry. The proposed program is a way forward for sustainable and progressive student satellite developments under the umbrella of SUPARCO.

After the signing of MoU, Dr. Sadiq Khattak was appointed as the Focal Person for UET-SUPARCO projects. In September 2014, a total of 14 projects were submitted to SUPARCO for funding out of which nine (9) projects were from Dr. Sadiq Khattak (Principal Investigator). After

short-listing and final presentation, a total of 10 projects were approved for funding.

It is worth mentioning that out of 23 universities across the country, UET Peshawar got the maximum number of projects. Moreover, it is also an honour for UET that all the nine projects of Dr. Khattak are approved for funding for the development of various components of the National Satellite.

Engr. Akhtar Nawaz Successfully Defends His Ph.D

The public defence of Ph.D thesis of Engr. Akhtar Nawaz was held at UET Peshawar. He has done his Ph.D from Department of Mechanical Engineering, UET Peshawar while Prof. Dr. Noor Sahar, of the same department was his supervisor.

His topic of research was "Design and analysis of hybrid manufacturing supply chain system to develop critical relationship between lean and agile systems for achieving significant benefits".

All the members of the Research Evaluation Committee (REC) unanimously declared Engr. Akhtar Nawaz to have passed the examination.

Pakistan StartUP Cup 2015

Office of Research Innovation and Commercialization (ORIC) UET Peshawar, in collaboration with The Indus Entrepreneurs (TiE) hold the 'Top 25' round of 'Pakistan StartUP Cup 2015' on May 27, 2015. Pakistan StartUP Cup 2015 is a business model design competition initiated by TiE and supported by the US Embassy in Pakistan. Top 25 selected start-ups from Khyber Pakhtunkhwa presented their business models to a panel of judges. The judgement panel included prominent entrepreneurs and investors from Pakistan along with faculty members of UET Peshawar.

Almost 10 teams of students from UET Peshawar participated in the event and presented their business ideas, out of which 2 teams from Computer Science and IT Department were selected amongst the Top 12 teams for the next round of Pakistan StartUP Cup 2015.

The Indus Entrepreneurs delegation was happy with an encouraging and overwhelming response from young entrepreneurs of KP and agreed on collaborating with UET Peshawar for arranging similar events in future.

Seminars & Workshops

“Health and Safety in Engineering”

A one-day seminar organized by Society of Mining Engineers (SME) on “Health and Safety in Engineering” was held at Main Hall of UET Peshawar sponsored by BESAF Training and Services, Peshawar and Technocrats Institute of Health and Safety, Peshawar on 25th March, 2015. The seminar aimed to transfer knowledge and essential skills to professionals and students regarding health and safety in practical engineering.

Engr. Syed Imtiaz Hussain Gilani, Vice Chancellor UET Peshawar was the chief guest on the occasion. During his speech, the Vice Chancellor appreciated the efforts of the organizing society for arranging this important seminar. He said that safety is a major element in practical engineering especially in Pakistan we see damages and human losses in mines and other engineering fields. He emphasized to adopt safety management techniques in order to prevent human and economic damages.

Prof. Dr. Noor Mohammad, Dean, Faculty of Engineering welcomed the speakers and participants of the seminar. He highlighted the role of young engineers in safety. He said that without safety the success of any engineering project is impossible. He further said that such activities are more useful for the future engineers.

Prof. Dr. Khan Gul Jadoon, Director COMSATS, Abbottabad, Engr. Saddique Akbar, Department of Mining Engineering, Prof. Dr. Naeem Khattak, Professor Mechanical Engineering Department and Mr. Shams, Manager Operations, Rescue 1122 held the technical session of the seminar and highlighted major steps towards safety and deliberated on Health & Safety in Engineering. They said millions of accidents are reported worldwide annually caused by avoidable occupational hazards, which needs to adopt safety professional safety techniques to prevent these damages. They stressed upon techniques in managing occupational safety and health measures including legislation, strict implementation, scientific investigation of accidents, and identification and prevention of hazards.

At the end, Prof. Dr. Noor Mohammad, Dean, Faculty of Engineering distributed certificates in organizing committee and appreciated the efforts of Engr. Zahid-ur-Rehman, Advisor SME, Engr. Sajjad Hussain, Supervisor SME, Habib Ahmed, President SME and all organizing team for organizing the seminar. Senior faculty members, officials and a large number of students attended the seminar.



“Live Your Dreams Not Fears”

In July 2015, a workshop with the title of “Summer of Success” was arranged by Career Development Center (CDC) at UET Peshawar. The theme of the seminar was “Live your dreams not fears”.

Shehram Akram, Computer Engineer, and Saira Qureshi, Entrepreneur, were the presenters of the seminar. The seminar was to inspire and make a difference in the society by sharing experiences of the presenters such as how they once battled to defeat anxiety disorder and obesity and how their battles, education, experiences etc. have empowered them to be a stronger and better persons.

Five-Day Training Program Organized by CEEC and HEC

Continuing Engineering Education Center, UET Phase V Hayatabad in collaboration with Higher Education Commission (HEC), Islamabad organized a five-day training program to built the capacity of managerial and support staff of UET Peshawar. The program title was 'Indigenous on Campus Training (IOT)'.

Speaking as the Chief Guest at the opening Ceremony, Vice Chancellor Syed Imtiaz Hussain Gilani appreciated HEC and UET's officials for arranging such a useful training program for the administrative and ministerial staff of the university. He stressed upon the participants to take maximum advantage of the much needed training.

Engr. Syed Asif Ali Shah, said that CEEC has been partnering HEC in executing training programs for faculty and earned appreciations from HEC many a times. The training program had five (5) Indigenous on Campus Trainings (IOTs). Each IOT comprised of 15 sessions. In the first and second two IOTs groups i.e. BPS 17 and above and BPS 7 – 16 were made. The first and second IOTs covered subjects mainly focusing on finance, accounting, financial management, budget and audit, procurement PPRA and good gover-

nance etc.

The sessions were conducted by Mr. GhulamNabi, DF HEC, Mr. Noor Elahisb, ATI AG Office, Mr. Ehsanullah, Director Audit, Mr. Naeem, AG office Islamabad, Dr. Gohar Saeed Pakistan Academy for Rural Development (PARA) and Dr. Zulfiqar DF Agricultural University Peshawar and Mr. Nek Muhammad Khan Treasurer UET, Peshawar

The 2nd and 3rd IOTs were on general administration, office procedures, ESTA codes, University statutes, judgment writing, communication skills, etc.

These sessions were conducted by Dr. Gohar Saeed from PARA, Ameer Badshah, Ex chairman HERA , Abdul Mateen Khan, Chairman RTI, Asghar Ali Khan from CESSD and Mr. Ayub, Registrar GC University Faisalabad.

The 3rd IOT was for junior staff i.e. from scale 1 – 5. Sessions in this part of the training were mainly dedicated to driving rules, security, cooking presentation etc.

The main resource for this session was from police department. PARA provided foreign trained master chef who delivered training on cooking presentation etc.

Auto Expo-15

University of Engineering and Technology Peshawar organized Auto Expo-15 on May 22, 2015 in which more than 90 remodeled cars were displayed at UET Peshawar. Large number of people from different walks of life witnessed the beautifully remodeled cars. The event was dedicated to Aimal Khan Shaheed, who had embraced martyrdom during the December 16, 2014 terrorists attack on Army Public School in Peshawar. Mr. Attique-ur-Rehman, father of Aimal Khan was the Chief Guest on the occasion. While Ahmad Qazi, son of APS martyred principal, was also present. Mr. Baqir Shah, Tayyab Motors, Peshawar won the first prize for his Toyota Supra car. While top five cars were presented with cash prize and shields.

The event was organized under the supervision of Director Clubs, UET Peshawar, while Mr. Sami Shah and Jihad Salah Khan of Mechanical Department acted as Chief Organizer and Event Coordinators. The event was sponsored by Tourism Corporation, Khyber Pakhtunkhwa and Arcadian Lounge.

Study Tour of Jalojai Dam

A field visit for 2nd and 4th semester students of Civil Engineering Department to Jalojai Dam Nowshera was arranged on May 24, 2015. The major objective of the visit was to give the students firsthand knowledge of the applications and developments in their field of concern. The tour was arranged as part of the courses "Mechanical Technology & Heavy Construction Machinery and Geotechnical Engineering" where the students are introduced with several fields of Civil Engineering. In this specific tour they were introduced to the use of heavy machinery in the field of Civil Engineering and construction of Dams.

The students were also briefed about the design and different construction phases of Jalojai Dam. The different material tests required for the construction of Dam were also performed on site. The students were accompanied by Dr. Khan Shahzada Associate Professor, Dr. Muhammad Adil Assistant Professor, Dr. Sajjad Wali Assistant Professor, Engr. Muhammad Salman, Engr. Ismail.

Inter-Departmental Sports Championship

University of Engineering and Technology, Peshawar has always provided a healthy environment to its students. Co-curricular activities have been an integral part of the University's activities. In this regard the Inter-Departmental Sports Championship was organized by University of Engineering and Technology Peshawar from May 18 to May 22, 2015.

Department of Civil Engineering lifted the overall trophy by taking 27 points. They stood first in Table Tennis (Boys and Girls), Athletics while it stood second in Basketball, Volleyball and Lawn Tennis. The Department of Mechanical overall bagged 2nd positing in the championship by getting 19 points. They got first position in Cricket, Futsal and Lawn Tennis while the Department of Chemical Engineering got 3rd position overall by getting 11 points; they stood first in Badminton Boys.

Vice Chancellor UET Peshawar Engr. Syed Imtiaz Hussain Gilani, graced the colorful closing ceremony as chief guest. In his brief address to the students, the Vice Chancellor hailed the efforts of the university's Directorate of Sports for holding such a mega event in a peaceful manner. He said that sports activities help the students in grooming their personalities in a healthy manner.

Mr. Muhammad Ali, Director Sports UET Peshawar, thanked all those who helped in successful holding of the event and the participating teams. He declared Muhammad Iftikhar, Department of Civil Engineering, as the best Sportsman of the event.

In the end, the Vice Chancellor Syed Imtiaz Hussain Gilani presented trophies to the winner and runner up teams and distributed shields amongst the participating teams. Mr. Nek Muhammad Khan, Treasurer UET Peshawar, senior faculty members, other officials and a large number of students' gathering was present at the concluding ceremony.



UET Participated in All Pakistan Inter-varsity Championships

University of Engineering and Technology participated in All Pakistan Inter-varsity Championships in both genders organized under the auspices of HEC (PUSB) at different cities of the country. The students of UET Peshawar participated in Cricket, football, Volleyball, basketball, Athletics, Table Tennis, Badminton and Lawn Tennis.

Iftikhar, student of civil engineering, was declared the fastest man of the event by claiming gold medal in 100M race. He was also winner in 200M, 400M and 4X100 relay. UET also participated in the All Pakistan Inter-varsity GIKI in both genders and attained 2nd over all position in Pakistan.



UET Students in a group photo during the championship

UET Peshawar Grabbed 2nd Position in GIKI Sports Festival

University of Engineering and Technology (UET) Peshawar stood runners up in the Ghulam Ishaq Khan Institute Sports Festival 2015. UET students participated in Table Tennis, Cricket, Football, Basketball and Futsal. Teams from 15 different universities participated in the event.

UET Peshawar outclassed IMSciences in the final of the Cricket event. Similarly, UET Peshawar beat Khyber College of Dentistry and GIKI in the Table Tennis singles and doubles events respectively. UET Girls students also shined in the event by grabbing second position in the Table Tennis Singles and Doubles events. The girls teams participated under the supervision of Lecturer Uzma Nawaz.

Director Sports UET Peshawar Muhammad Ali himself supervised the preparations of the students for the sports festival. Vice Chancellor Syed Imtiaz Hussain Gillani and Dean Faculty of Engineering and Technology Prof. Dr. Noor Muhammad praised the efforts of the students and also congratulated Director Sports on UET's overall 2nd position in the event.

Mini Olympics 2015

University of Engineering and Technology Mardan Campus organized Mini Olympics 2015 in April this year. Dean Faculty of Engineering and Technology Prof. Dr. Noor Muhammad was the Chief Guest on the occasion and he lit the torch to inaugurate the event.

Dr. Imran Khan, Coordinator Mardan Campus during his opening remarks said that the campus was organizing the event for five consecutive years. During the one-week event students participated in Cricket, Volleyball, Badminton, Football, Basketball, Lawn Tennis, Table Tennis and athletics.

Dean, Faculty of Engineering and Technology Prof. Dr. Noor Muhammad appreciated the efforts of the Mardan Campus administration in holding such a mega event and also urged the students to fully participate in such extra-curricular activities.



Prof. Dr. Noor Muhammad, Dean Faculty of Engineering, lighting the torch to open Mini Olympics 2015

Distinction for Muhammad Iftikhar

Muhammad Iftikhar a student of Civil Engineering Department 7th Semesters at UET Peshawar is an outstanding athlete. He has not only won Roll of Honor at UET, Peshawar but is also a National Junior Silver Medalist. In Inter-Regional Athletics Championship held this year he was declared fastest man after winning the 100m race. Iftikhar won three Gold, one Silver and One Bronze Medal in the event. He also took gold in 200m and 400m races.

Iftikhar was also declared the fastest man of All Pakistan Inter-varsity Championships organized under the auspices of HEC (PUSB) by claiming gold medal in 100M race.

In Focus: Dr. Karim Akhtar

Dr. Kareem Akhtar returned to UET Peshawar in January 2015 after completing his Masters and PhD from the School of Engineering, Department of Engineering Science and Mechanics at University of Virginia Tech, Blacksburg, USA.

He was awarded MS leading to PhD scholarship in 2008. He did his BSc in Mechanical Engineering in 2006 at UET Peshawar.

Dr. Kareem Akhtar worked on multiple problems in CFD and fluid mechanics area during his PhD studies. His research includes modeling multiphase flow, flow through porous medium and direct numerical simulations of supersonic flow. His PhD dissertation title was "A Numerical Study of Supersonic Rectangular Jet Impingement and Applications to Cold Spray Technology".

UET Peshawar and University of Virginia Tech. funded his research. He also worked as instructor in the Department of Engineering Science & Mechanics and in Department of Physics at Virginia Tech, Blacksburg, USA.

Dr. Kareem Akhtar is now working as Assistant Professor in Mechanical Engineering Department UET Peshawar and is assisting graduate students in their research. Current research work includes modeling turbulence, multiphase flow and flow through porous medium, hybrid schemes for numerical simulations of supersonic flow with shock-turbulence interactions and deposition of micro size particles using cold spray technology.



Syed Imtiaz Hussain Gilani Visits Arizona State University

Syed Imtiaz Hussain Gilani, Vice Chancellor UET Peshawar visited Arizona State University (ASU), United States of America to participate in the official launch of the USAID energy initiative for Pakistan at Arizona State University. US Senator John McCain was also present on the occasion.

The initiative is funded by USAID and brings together UET Peshawar, National University of Science and Technology (NUST), and US partner university Arizona State University.

The U.S. Agency for International Development (USAID) awarded the \$18 million project to ASU to establish the Partnership Center for Advanced Studies in Energy (PCASE) in association with Pakistan's National University of Science and Technology in Islamabad and the University of Engineering and Technology, Peshawar.

"There are parts of Islamabad today that are without energy most of the time," U.S. Sen. John McCain (R-Ariz.) said at the event. "I believe that this development will have a direct impact on the people of Pakistan."

It's vital the project makes life better for the people of Pakistan, said Syed Imtiaz Hussain Gilani.

"With things calming down in the political arena, I think this is the time for the private sector to come in and invest," Gilani said. "It's a country that needs everything, not just energy. ... I hope the frontier spirit I feel on this campus drives some people to come forward and invest."

The creation of the two energy research centers – one at each Pakistani university – is expected to improve U.S.-Pakistani relations.



Vice Chancellor Syed Imtiaz Hussain Gilani addressing a function at Arizona State University, USA

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News Brief

- ▶ Engr. Muhammad Ajmal, Lecturer, Department of Agricultural Engineering has successfully defended his PhD research thesis in the field of Civil and Environmental Engineering at the Hanyang University, South Korea under HEC Overseas Scholarship Scheme Phase-I, Batch-II (HRDI-UESTPs/UETs).
- ▶ A two-day safety training in collaboration with Rescue 1122 KP was arranged from 11th -12th May, 2015 by the department of mining engineering UET Peshawar. The purpose of this training was to establish a safety culture which will enable the employees to promote proper safety procedure while on the job and to provide knowledge and tools necessary to reduce the risks associated with their work responsibilities to the lowest possible level.
- ▶ A two-day "Basic First Aid Training" was conducted for the final year students of department of mining engineering by the Pakistan Red Crescent Society (PRCS) from 17th -18th June, 2015.
- ▶ Prof. Dr. Syed Waqar Shah, has been appointed as Chairman department of electrical engineering, University of Engineering and Technology Peshawar w.e.f 07-05-2015 to 06-05-2018.
- ▶ Dr. Khan Shahzada, Associate Professor, Department of Civil Engineering has been appointed as Director Postgraduate Studies, University of Engineering and Technology Peshawar. He has resumed his charge on 19th September 2015.
- ▶ Prof. Dr. Haseeb Zafar, Department of Electrical Engineering has been appointed as Secretary BOASAR, University of Engineering and Technology Peshawar. He has resumed his charge on 7th September 2015.



With Compliments

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