



# Newsletter

NWFP UNIVERSITY OF ENGINEERING & TECHNOLOGY, PESHAWAR

Patron: Syed Imtiaz Hussain Gilani (VC)  
Editor : Shamaila Farooq

Volume No. 05 / Issue No. 01  
July- September, 2008



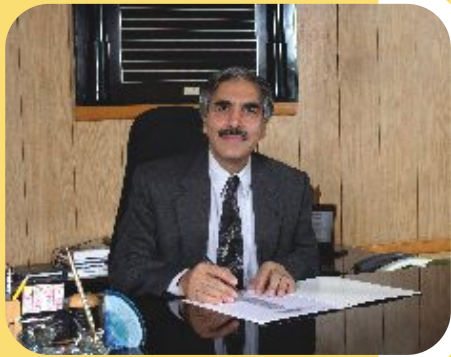
Mardan Campus



Bannu Campus



Abbottabad Campus



## INSIDE

- Maryland University and UET sign MoU
- Gemology Students Awarded Certificates
- International Symposium on Renewable Energy Resources
- South Asia Regional Co-operation GDLN Dialogue
- Association of Common Wealth Universities- Public Relations Award 2007

## FLASH NEWS

“ A research paper by Prof. Dr. Qaisar Ali and Prof. Dr. Akhtar Naeem has been accepted for inclusion as a chapter in the book “Computer Analysis and Design of Masonry Structures”, to be published by Saxe-Coburg Publications, Dun Eaglais, Station Brae, Kippen, Stirling FK8 3DY, UK. ”

More on P-05

## Vice Chancellor's Message

The first batch of engineers that will graduate through the "semester" system is out. Congratulations to the outgoing "pioneer" students, and to their teachers, who not only made the system work, but also shaved three months from the typical four year engineering program.

At the national level things are still in a flux, and we are beginning to feel some negative fallout. HEC has slashed this year's recurring budget by 20% compared to last year – a far cry from the 50% annual increase promised! As a result, we have to go back to the drawing boards, and devise a new financial strategy to keep going. We must find creative ways of meeting this short fall. It will require major belt-tightening, and a moratorium on non-essential expenditure. We need everyone to cooperate to tide over these testing financial times.

The R. H. Governor, Engr. Owais Ahmad Ghani, has asked us to put “a campus in FATA” on the agenda once again. We are working on the P.C 1, and hope to take practical steps when the political environment allows. The Governor has also shown keen interest in the proposed “University of Engineering, Science and Technology, Pakistan (UESTP)” project, specially the one to be developed in Mamoon Khatki near Peshawar. He asked us to use our resources in bringing the project to fruition.

I hope for us, and for Pakistan, things settle down, and we can plan ahead in a peaceful environment. Human endeavour needs sustenance for sustainability. Let me end by saying HEC has been a blessing for higher education. We hope the new government boosts the Commission's positive efforts, and ensures that all the good work is not frittered away.

God bless you all.

Engr. Syed Imtiaz Hussain Gilani

## UET PESHAWAR AND MARYLAND UNIVERSITY FORGE ACADEMIC LINKAGE

NWFP UET and University of Maryland, USA, have entered into a five-year academic linkage under which faculty members from UET would be trained at MS and Ph.D levels. Both universities will cooperate in fields of common interest, and develop joint projects to enhance exchange of scientific knowledge. They will exchange scholars, hold seminars and joint research activities. Under the agreement approximately 30 teachers will be trained at MS and PhD levels in UMD during next five years.

Pakistani Americans Cultural and Educational Society (PACES) will monitor the academic performance of UET scholars during their studies at UMD. It will make sure that all UET scholars repatriate to Pakistan after their graduation.

Muhammad Sarwar Khan, Advisor Finance and Planning, represented the university, while Vice Chancellor signed the final agreement. From University of Maryland C.D. Mote, Jr. President UMD, Nariman Farvardin, Senior Vice President and Provost, and Herbert Rabin, Dean, Clark School of Engineering, UMD signed the agreement. Faqir Syed Asif Hussain, Counselor at the Pakistani embassy in Washington, also participated.

Dr. Muhammad Munir, President PACES, who negotiated and finalized the agreement, informed the signing ceremony that the Society is working to promote friendly relations between the people of the United States and Pakistan by fostering mutual understanding through education. Speaking about the linkages which have been



Vice Chancellor signing the final agreement

established by PACES for UET Peshawar, he said first academic link was established last year with George Washington University, the second linkage with Berkeley, and this is the third link which has been signed today with Maryland University.

The President, University of Maryland highlighted various improvements made in the university since its establishment. He informed the participants that how the University of Maryland struggled hard in early 15 years to become one of the top universities of the United States. He hoped that the new agreement will open the doors of cooperation in future and will be good experience for both universities.

## GEMOLOGY STUDENTS AWARDED CERTIFICATES



Students pose for group photo

Thirty students were admitted in the five month diploma course on Gemology received their foundation certificates, after completing a two-month basic course, from the vice chancellor, Imtiaz Hussain Gilani, at a ceremony held under the auspices of Gemstone Development Cell. Mr. Gilani highlighted the requirement of professionalism and quality in gem industry, to capture higher percentage of the world market.

He appreciated all the students who decided to continue towards the five-month diploma program, and assured that not only GDC has the state-of-the-art equipment, and curriculum, but that they are taught by foreign qualified

faculty. Our ultimate goal, is to make GDC a quality vocational training center in the field of gemology in Pakistan, he said.

Prof. Dr. Khan Gul Jadoon, Director GDC and Chairman Mining Engineering Department, in his remarks said that ever since its establishment, a positive response has been seen in the general public, which shows the need and popularity of this course. In future, he said, more courses will be offered in specialized fields relating to grading and evaluation of colored gemstones.

The ceremony was held in the presence of faculty members and administrative staff.



## HONOURS AND AWARDS

### ACU PR AWARD 2007

NWFP UET has been selected for a prestigious award- "The Association of Common Wealth Universities, ACU PR Marketing and Communication Network Awards, 2007".



The Directorate of Media and Publications had applied in the second competition for "ACU PR, Marketing and Communications Awards", under the category: "Out reach and community relations". UET is the only University from Pakistan to be selected among

five universities in ACU member universities for the Award.

Ms. Shamaila Farooq, Director Media and Publications, will receive the award at the Award Presentation Ceremony, at the 2nd Global Conference on the theme "Building a profile: key relationships for the communications professionals" to be held on 14-16 July, 2008 in Durban, South Africa. The award is aimed to recognize, encourage and celebrate the achievements of higher education institutions and the professionals who work in them. And to draw attention to models of good practice for the higher education sector internationally.

ACU PR Marketing and Communication Network is one of the ACU's four professional networks established to connect ACU with its members across all levels of an institution. The Network, officially launched in 2003, has today 400 registered memberships from 36 countries, all related to the field of Media, Communications and Public Relations. The aim of Network is to provide opportunities for practitioners in the field of higher education, public relations, media marketing and communications to exchange experiences and share knowledge and best practices.

### UET FACULTY GETS UNIVERSITY AWARD

Architect Sameeta Ahmad, Assistant Professor, Department of Architecture, UET Abbottabad Campus, has been honoured with the university award by NED University of Engineering and Technology Karachi, on account of her outstanding performance in teaching and research at NED during 2005-06, as a visiting faculty member.



Sameeta has recently joined the Department of Architecture, as associate professor, and is actively involved in teaching and research. Under the supervision of Dr. Ali Arshad, Chairman, Department of Architecture, Sameeta has set up a "Design Studio" under which a number of international seminars and workshops have been arranged.

Sameeta is an architect and visual artist with a Master of Architecture Degree from the University of Texas at Austin. She has been doing research and writing on issues related to the cultural heritage of Pakistan, especially on protective and legal mechanisms.

## USEFP OFFICIAL VISITS UET

"A permanent representative of USEFP will be available at UET Peshawar Campus to help students in filing their visas and admission applications". This was stated by Ms. Mishell, International Officer, United States Education Foundation, Pakistan (USEFP) while addressing a large gathering of students and faculty in the orientation seminar. She said that USEFP would like to help Pakistani students get admission in universities in the US, as we want to get higher number of students in our universities next year.

The vice chancellor, while addressing the audience, said the government has extended full support by allocating huge funds for human resource development to universities, it is important to honour and take care of this money. He said that UET has drawn strict mechanisms to award scholarships, and maintain a track record of scholars.



Ms. Mishell, addressing the gathering

## SOUTH ASIA REGIONAL CO-OPERATION GDLN DIALOGUE

A multi-country, two-hour video conference discussion, connecting World Bank Headquarters, Washington DC, with the GDLN VC Centers at Delhi, Dhaka, Islamabad, Kabul, Kathmandu, Thimphu and Colombo was held on June 17. The multi country video conference is part of a series of South Asian regional cooperation GDLN dialogue being organized by the World Bank with an objective to initiate, enrich and take forward the discussion among various Governments and civil society stakeholders on issues of regional cooperation in South Asia.

The session "Potential and Prospects for Regional Energy Trade in the South Asia Region" was organized to exchanging views on how to foster cross-border energy investments and promote regional energy trade in order to take full advantage of the energy resources available within the region. While the South Asian region has been experiencing unprecedented economic growth, this growth is becoming constrained by significant shortages in energy supply. The region's political leaders and its business community are increasingly recognizing the need to foster cross-border energy investments and promote regional energy trade in order to take full advantage of the energy resources available within the region. The event focused on the main challenges and issues, e.g. political, technical, financial, etc for countries in South Asia to further develop regional energy trade and alternate solutions.

The session was opened by Mr. Ejaz Syed Ghani (Economic Advisor, South Asia PREM Unit) followed by Mr. Salman Zaheer (Energy Sector Manager, South Asia Region) who discussed the main challenges and issues for countries in South Asia to expand regional energy trade.



## STUDENTS ACTIVITIES

### UET GRABS 1st POSITION IN ALL PAKISTAN PROJECT COMPETITION

Ms. Ammara Masood and Mr. Tariq Adnan, students of 8th semester, Department of Electrical Engineering, won first prize in competition organized by COMSATS, Abbottabad on 12 and 13 May 2008. The exhibition named "EMCOT 2008" was held nationwide in which 25 private and public universities participated and show cased their final year projects.

Their project, "Mobile Phone Jamming and Anti-bombing Technique" is aimed to block mobile transmission in sensitive areas where its use is prohibited during emergency times. The project is designed by adjusting radio frequency at discrete levels, by fixing the jammer in order to control signals and making debugging of system easier.



Dr. Waqar Shah with Ammara Masood & Tariq Adnan

### UET WINS SPDC AWARD

Mr. Atta-ur-Rehman, 8th semester student of Department of Mechanical Engineering, obtained 3rd position in "Super skills Solid Edge 3D" competition during 1st Asia Pacific Student Professional Development Conference (SPDC), held at UET Lahore from 26–28 April. He was awarded with a cash prize and a shield.

Universities from all over ASIA and PACIFIC, which are a part of ASME (American Society of Mechanical Engineers) student chapters, participated in the conference. Other events conducted were "Old Guard Oral Presentation Competition", "Old Guard Technical Poster Competition", "Students Development Operating Board Teleconference" and "Unit Leadership Workshop", in which UET Peshawar



Atta-ur-Rehman receiving his award

team participated. Other team members included Mr. Tahir Jamal, Ms. Sana Yahya, Mr. Fahad Khan and Mr. Muftooh-ur-Rehman.

### GENERAL PUBLIC SCIENCE MODEL COMPETITION

ASME Student Section, UET Peshawar participated in the "General Public Science Model Competition (GPSMC)", organized by the Directorate of Science and Technology (DOST) NWFP, held from 26-28 June at Pakistan Forest Institute, Peshawar.

A total of 115 teams from different institutions of NWFP, general public and special people show-cased their projects. Among these, 35 projects were from UET Peshawar. The provincial minister for Higher Education, Mr. Qazi Asad was the chief guest at the occasion.

The project "Design and Fabrication of Sugarcane Planter" from the Department of Mechanical Engineering, UET Peshawar, won the overall first prize. Three special prizes were offered to the projects "Design and Fabrication of Automatic Stamping Machine", "Design and Fabrication of Pelton Wheel" and "Design and Fabrication of Self Driven Water Pump under inter-university project category" all from the Department of Mechanical Engineering UET Peshawar. The winners will be participating at another competition to be held under the auspices of DOST at provincial level in near future.

Mr. Asad Qazi appreciated Director DOST, Mr. Khalid Khan in organizing and making the event a success. Student Advisor, ASME, Engr. Abdul Shakoor, managed the event on behalf of UET.



Students participating in the event

### CS & IT STUDENTS SELECTED FOR DOST PROJECT

The Department of CS & IT has agreed to provide expertise of three students to the Directorate of Science and Technology in its project "to make online data of all public schools, colleges and universities of NWFP" at the cost of Rs. 1.35 lac. The Chairman of CS & IT Department, Dr. Inayatullah Babar, has welcomed the decision, and said that through this project students would get to know the project execution procedures.



## RESEARCH PAPERS

- A research paper of Prof. Dr. Khan Gul Jadoon, Chairman Department of Mining Engineering, and Engr. Siddique Akbar on "Incident of Pneumoconiosis and Related Occupational Respiratory Disease among Coal Mine Workers of NWFP, Pakistan" has been accepted for publication in the proceedings of "2008 International Symposium on Safety Science and Technology (2008 ISSST) to be held at Beijing, China".
- A research paper of Engr. Safi-u-Rehamn, Ph.D scholar, Department of Mining Engineering and Dr. M. Waqar Ali Asad, Associate Professor Department of Mining Engineering, on "Comparative analysis of interpolation techniques and estimation parameters for a spatial data" is accepted for publication in the proceedings of "3rd International Conference on Mining Innovation MININ 2008" to be held at Santiago, Chile, South America in August, 2008.
- Prof. Dr. Qaisar Ali was invited as a key note speaker by Agha Khan Development Network (AKDN) for "International Conference on school Safety" held at Islamabad on 14-16 May 2008. Prof. Dr. Qaisar Ali presented his paper titled "Ensuring School Safety using local material and skills in the Himalaya region" at the conference.
- Prof. Dr. Azzam ul Asar presented a paper titled "Potentials of Solar Thermal for Electricity use in Pakistan" at the International on Alternative Energy and Power 2008 at Karachi, March 25, 2008. The paper was co-authored by Engr. Farah Mahmood (Dept. Electrical Engg.) and Engr. Rehan Ahmad (Director Instrumentation Center).
- Three research papers were published by Dr. Inayatullah Khan Babar, Chairman, Department of CS & IT, co-authored by final year students of Department of Electrical Engineering. These include:

Message based selection Matrix for Dynamic Hash Based Security Systems by Dr. Inayatullah Khan Babar, Moaaz Ahmad and Qasim Khan.

Implementation of Table Driven Routing Protocol for Small Sized MANET using Bluetooth in JAVA by Dr. Inayatullah Khan Babar, Syed Waqar Shah, Zeeshan Khan, Syed Sajjad Raza and Ahsan Sohail.

Monitoring Detection and Security Maintenance using WMS-Webcam Mobile Surveillance" by Dr. Inayatullah Khan Babar, Sheeraz Ahmad and Akifullah.

(Continued from P-1)

Research paper "Seismic Resistance Evaluation of Unreinforced Masonry Buildings" by Dr. Qaisar Ali and Prof. Dr. Akhtar Naeem already published in the journal of Earthquake Engineering and Applied Sciences has been accepted for inclusion as a chapter in the book titled "Computer Analysis and Design of Masonry Structures", to be published by Saxe-Coburg Publications, Dun Eaglais, Station Brae, Kippen, Stirling FK8 3DY, UK.



Prof. Dr. Qaisar Ali

The book will be between 350-450 pages, with 15 chapters and is aimed at design engineers who need to know the latest advances in masonry brick and block work, architects who want to know how to develop building shapes, and academics / researchers using masonry for research purposes.



Prof. Dr. Akhtar Naeem

In recognition of the fact that Dr. Qaisar Ali did extensive research in the field of masonry, and with the advent of reinforcing or post tensioning brickwork, increasing requirement to assess the strength of existing masonry structures and to determine the most suitable means of improving masonry design, the research paper has been expanded into a separate chapter.

## PROF. FIDAULLAH SEHRAI JOINS UET

Prof. Fidaullah Sehrai, a renewed scholar of Gandhara Civilization, has joined the Department of Architecture, UET Abbottabad Campus, as an "honorary visiting professor". He will be teaching art and architecture to the students of architecture.

Prof. Sehrai, now 80, is the author of four books and a number of research articles published in various papers are to his name. Previously, he has served as Director of Peshawar Museum and Chairman of Archeology, and Fine Arts Department of University of Peshawar. He is an asset who will boost our program most effectively.

## FACULTY DEVELOPMENT PROGRAM

Engr. Akhtar Nawaz, Lecturer, Department of Electrical Engineering, Bannu Campus, has been awarded scholarship for M.Sc Electrical Engineering, under UET's faculty development program. Mr. Nawaz has joined AIT Bangkok, with which an academic linkage has already been signed, while Zeeshan Akbar lecturer has left for Sweden for MS in Electrical Engineering (Communication) and M. Yousaf has been awarded the HEC scholarship for South Korea to pursue MS, in Information Technology.

## VC VISITS BANNU CAMPUS

The Vice-Chancellor, alongwith the Dean, Chairman, Department of Electrical Engineering, Provost and Director Undergraduate Studies visited Bannu Campus on May, 07. The Vice-Chancellor had a meeting with faculty members and students. His visit was aimed to exchange views on current problems. He assured the coordinator full support, and appreciated his efforts in maintaining discipline on campus.



**INTERNATIONAL SYMPOSIUM ON RENEWABLE ENERGY RESOURCES**

“UET Peshawar will get the approval and endorsement of the provincial government to establish a “Technology Park” at Jalozaï. The establishment of Technology Park will help introduce a vibrant environment that will support research and development by bringing together academics, industry and service providers together”. This was stated by the Provincial Minister for Science & Technology and IT, Mr. Muhammad Ayub Ashari, while addressing the National Symposium on Renewable Energy Resources, held jointly by UET and Directorate of Science and Technology and other line agencies.

In a key note address, Dr. Hisham-El-Dissouky, Chairman, Department of Chemical Engineering, emphasized the need to develop alternate resources to oil. “It should be the highest priority of nation while looking into the increasing demand and scarce availability of conventional energy resources”. It is important that government should support academicians in research and finding ways to produce energy resources through wind and solar energy, which could be used more economically.

He stressed that bio fuel might be used in existing diesel engines without any modifications, and can be blended at any ratio with diesel. This bio diesel is an efficient resource to reduce annual import of foreign crude supplies, and will

have optimum effects on environment such as air pollution and public health risks by gaseous emissions.

The Vice Chancellor said there is no dearth of energy resources, but there is a lack of commitment among politicians in his address. “If you don’t take charge, some one else will take over”. That is the reason, a few decades ago, the West thought seriously how to bring together researchers and industrial needs at a common point. He said technology parks have been established every where in the world. US alone has 500 technology parks, and the ICICI Technology Park is the largest in India.

He appreciated the efforts of Mr. Khalid Khan, Director, Directorate of Science and Technology, for his efforts to bringing out this issue to the fore.

The workshop concluded with recommendations that similar activates for public awareness should be carried out on regular basis, to device a strategy for managing and saving the existing energy resources with involvement for better solutions and to start small pilot projects with the government support alongwith establishing technology parks.



Speakers (L-R) Dr. Hisham-El-Dissouky, Engr. Syed Imtiaz Hussain Gilani and Mr. Muhammad Ayub Ashari addressing the audience

**THE RELEVANCE OF CULTURAL HERITAGE CONSERVATION FOR TODAY'S WORLD**

Delivering an extensive lecture on “The End of History? The Relevance of Cultural Heritage Conservation for Today’s World”, organized by the Department of Architecture, UET Abbottabad Campus, on May 23, 2008, Ms. Faryal Gauhar, a renowned artist, and Ph.D scholar in Conservation Management at National College of Arts, Lahore, discussed the conflict of interest between those who wish the rapid development of infrastructure and real estate in the country, and those who believe that such developments will result in destruction of natural and built heritage of Pakistan. She criticized the approach of pulling down historically and architecturally significant buildings, in order to create new infrastructures, and urged the need to chalk out a clear path for the future. She stressed upon students to actively participate in the heritage protection campaign, which she has been running since long, adding

that she successfully saved the building of Frontier House in Abbottabad, which was put up for auction. MS. Faryal, while appreciating the establishment of Department of Architecture, praised the range of learning activities arranged by the Chairman, Dr. Ali Arshad and expressed her hope to work closely with him.

She opined that Pakistan is enriched with heritage, which was also developed by local architects, as well as British rulers that gave an aesthetic look to our buildings, “destroying such buildings, with a biased attitude will harm us in the long run”, she said.

The presentation was followed by a field trip to various buildings, including Frontier House, Godwara and Aria Samaj Mandar.



Ms. Faryal Gauhar addressing the audience



## LECTURE ON PUKHTUN CULTURE

Professor Abaseen Yousafzai, a well known Pushto Poet, writer and Chairman, Pashto Department, University of Peshawar, addressed the students and faculty of Architecture Department of NWFP UET on June 6. He was invited to speak on "Pukhtun Culture" which was followed by a workshop next day, engaging students and faculty's interest in Pashto literature.

He talked about Pukhtun people and their ancient culture which dates back to 5000 years. He very profoundly described their history. Pukhtuns inhabit the North-West Frontier Province of Pakistan as a major ethnic group of the populace. Most parts of the land they occupy remained independent, and without a centralized government of its own for most of its known history. Explaining the term "Puktunwali", Yousafzai said that despite the fact that the society remained tribal and individualistic to some extent, the lives and actions of the people had been regulated by unwritten, but well-defined and well-known customs, norms, codes and rules called "Pukhto" also written as "Pashto" and "Pakhtu", which is also the name of the language of the people.

Professor Abaseen also discussed in detail the Pukhto literature, with a focus on renowned poets and analyzed their work with the students at a workshop.



Professor Abaseen Yousafzai delivering lecture

## ENERGY HEALTH ENVIRONMENT AND INDUSTRIAL OPERATIONS

Department of Industrial Engineering organized a one day workshop on "Energy Health Environment and Industrial Operations", sponsored by the HEC. Regional Director HEC, Farman Ullah Anjum, inaugurated the workshop.

Prof. Dr. Iftikhar Hussain, Chairman, Department of Industrial Engineering, in his welcome address, said the scope and significance of industrial engineering has been increasing over time, and has influence in all walks of life, ranging from airlines to telecommunications to electronic home appliances. Industrial engineers provide systems that not only bolster human resources, but also help improve productivity, quality, efficiency and effectiveness of the work environment.

Engr. Noman Wazir, President, Industrial Estate, NWFP, and CEO Frontier Steel Foundry, appraised the audience about the performance of steel industry, and energy wastage due to inefficient controlling systems and lack of regulatory framework. He said gases emitting from

foundries are at 7500 centigrade, which is far higher than international standards. According to some unofficial statistics, he said, the natural resources will be depleted by 2013, and it is urgent to involve academics with industrialists, for better management of industrial production. He appreciated the efforts of UET and HEC in bringing the academics and industrialists on a common forum and expressed his assurance that industry would go hand in hand with academia for the development and promotion of industry.

Dr. Javed Ahmad Chatta, Dean, Department of Mechanical Engineering, GIKI, emphasized the importance of academia-industry interaction, which is vital for the development of knowledge, and stressed the need to develop a model suitable for the country.

While concluding the session the vice chancellor, said HEC in the last few years has done a remarkable job in bridging the gap of industry and academia in Pakistan. "Today's workshop is the beginning of new era where UET faculty will directly interact with industrialists in a supportive environment". Others who spoke included Dr. Hisham El Desouky, Chairman Chemical Engineering Department (UET), Prof. Dr. Sultan Khan, GIKI, Naveed ur Rehman, Project Director, Alternative Energy Development Board, Prof. Rafi Javed, Dean of Engineering, Taxila University, and Dr. Salim-ur-Rehman, vice chancellor Sarhad University.

## APPLICATION OF RAPID PROTOTYPING IN PAKISTAN

A seminar on The Application of Rapid Prototyping in Pakistan was organized by the Computer Society. Dr. M. A Irfan Mufti Chairman, Department of Mechanical Engineering presided over the seminar. The seminar was organized with the efforts of CS students Aizaz Khattak, Ahmed Sheheryar, Rizwan, Moinuddin, Misbah and Sher Afghan.

## IAP LAHORE SYMPOSIUM

A national Symposium was held on "60 years of architecture in Pakistan" at Lahore. The speakers discussed critical issues of Pakistan's role in the development of architecture. The symposium was held under the auspices of IAPEX Lahore, an event conducted by Lahore Chapter of Institute of Architects Pakistan every year.

Mr. Gilani, while addressing the audience as Chief Guest, was critical of the prevailing situation that experts and professionals are not contributing toward the development of indigenous technology. By following, and adopting western solutions to Pakistan's problems would not squarely. "Advancement in local techniques would have helped us better than looking towards others. Our buildings were more unfavorable by using west's technologies, which have turned our abodes into torture cells".

He appreciated the efforts of IAP, Lahore Chapter, for bringing together such a large number of professionals and industry, which reflects their spirit to promote the cause of architects.

Chairman IAP Lahore Chapter, Dr. Mehmood Hussain, ex-chairman Dr. Shakeel Qureshi also spoke on the occasion.



**PROF. DR. TAJ ALI KHAN**

Prof. Dr. Taj Ali Khan of Agricultural Engineering, obtained his Ph.D from Strathclyde University, UK in 1996. His research was focused on “Water Engineering and Environmental Management Division” in which he worked on the project “Numerical Modelling of Leachate Production and Movement within Landfill Sites” which led to the development of an interactive computer simulation model (software) named NUMMOL (NUMerical MODelling of Leachate).



Dr. Taj has been involved in teaching and research at Department of Agricultural Engineering since 1998, and has taught specialized courses at undergraduate and postgraduate levels. He has supervised postgraduate projects that includes “Development and Testing of Low Cost Sand Filters for Purification of Ponds’ Water at Household Level (June 2007); Effect of Ground water on Bearing Capacity of Shallow Foundations in Taru Region (March 2007); Assessment of Ground Water Balance for District Peshawar (Jan 2007) and Computer Programming for Designing and cost estimation of watercourse and water storage tank (Nov 2006).

Presently, he is supervising PhD research thesis on “Behavior and Hydro Dynamics of Sediment Transport in Torrent-Spate Irrigation System of NWFP.

Dr. Taj has a number of professional affiliations with various associations like Pakistan Engineering Council, British Alumni and SCOTTISH International Resource Project. He has published several research publications for journals of international and national repute.

**THE NEWS EDUCATION EXPO-08**

As many as 27 stalls were set up at Jinnah Convention Center Islamabad for National Education Expo 2008, organized by Jang group of newspapers where useful information regarding the admission opportunities, fee structures and academic sessions was provided to a large number of students and parents.

Directorate of Media and Publications participated in the event and shared UET’s admission information with the aspiring students and their parents. They were seeking information about curricula and procedural requirement for admissions in different disciplines.

Faculty members Engr. Qaisar Gul, Qari M. Khalid Waheed, Lecturers, Mechanical Engineering Department, Ms. Shamaila Farooq, Director Media & publications, Muhammad Zafar, Media Office and Mukhtiar Ahmad, ISP shared particular with the public. In the end, the News GM Marketing, Syed Amjad Ali gave away Expo Shield to the Media office on account of active participation.



Visitors being briefed at UET stall

**NEWS BRIEFS**

- Experts from ANCO Engineers, USA, visited Earthquake Engineering Center, NWFP UET Peshawar from 12-16th April for checking the facilities at the Center for installation of Pseudo Dynamic Testing Actuators.
- A lecture was delivered by Dr. Iftikhar Ahmad (Ph.D in material sciences engineering from University of Idaho, USA from Islamia College University Peshawar, on the topic “Ethical Issues in Globalization” on May 07, organized by Engr. Qaiser Gul, Director Clubs, Tariq Usman Saeed and Rizwan 2nd and 4th semester students from Civil Engineering Department.
- Being a central member in the development of “Building Code of Pakistan, Science Provision 2007”, Prof. Dr. Qaisar Ali was invited by National Engineering Services of Pakistan (NESPAK, Lahore) for a meeting to finally review the Code for Refinement in Editorial and Technical aspects. Prof. Dr. Qaisar Ali participated in a meeting on behalf of Pakistan Engineering Council (PEC) to contribute a chapter on “Masonry” and to discuss some technical aspects of this chapter for its inclusion in the Code.
- Dr. Azzam-ul-Asar, Professor, Department of Electrical Engineering, NWFP UET Peshawar Campus has been appointed as Chairman, Department of Electrical and Electronics Engineering at UET Peshawar Campus for a period of three years. He is also the president of IEEE Peshawar Chapter. He also remained as Director Board of Advance Studies and Research, and Director Postgraduate studies.
- IEEE Peshawar Subsection and Department of Electrical Engineering NWFP UET Peshawar organized an awareness seminar on Career Opportunities at Pakistan Atomic Energy Commission (PAEC) on May 8, 2008. Dr. Riaz, Senior Engineer PAEC enlightened the students of Electrical, Mechanical and Computer Systems Engineering Department regarding scope of engineering R&D in the nuclear fission.
- Prof. Saeed Javed Tajik has been appointed as Chairman, Department of Mechanical Engineering for three years with effect from 1-7-2008. The decision has been taken place because of Prof. M. A Irfan, Chairman, Department of Mechanical Engineering who has joined Case Western University, USA under a Fullbright Scholarship Program.

**With Compliments**

**Directorate of Media and Publications**  
NWFP University of Engineering & Technology Peshawar

**CORRESPONDENTS**

- Mardan Campus : Engr. Shagufta Naz, Lecturer
- Bannu Campus : Engr. Hidayatullah Khan, Lecturer
- Abbottabad Campus : Ms. Sameeta Ahmad, Architect

www.nwfpuet.edu.pk  
dirmedia@nwfpuet.edu.pk  
Tel: (92-91-9216796-8 9216043 P.O. Box: 814

