



Newsletter

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NWFP UNIVERSITY OF ENGINEERING & TECHNOLOGY, PESHAWAR

Patron: Syed Imtiaz Hussain Gilani (VC)

Editor : Shamaila Farooq

Issue No. 15

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Main Campus Peshawar



Abbottabad Campus



Bannu Campus



Mardan Campus

Vice Chancellor's Message

Another year has come to an end. For Pakistan it has been a testing twelve months. With strident militancy, increased insecurity and cataclysmic murders, it has been a difficult year. For our university, it has been not so gloomy. We have continued in consolidating academic and administrative reforms put in



place, pushed development projects towards timely completion, and started our flagship project "Development of Jalozai Campus".

The new year offers a lot of promise. For starters, we have a new Chancellor in Mr. Owais Ahmad Ghani, who took charge on 7th January 2008.

He is an alumnus, an education lover, and intimately fond of his alma mater. We expect major progress under his tutelage.

We are working on a proposed campus in FATA. We are also involved in developing a project for a full-spectrum, general university in FATA. These are ambitious plans, and we believe we can stabilize FATA by an overdose of education that people own.

While I welcome the new chancellor, and am confident he will prove highly beneficial for the province and the university, I would be remiss in not appreciating the previous governor, Lt. Gen. Ali Muhammad Jan Aurakzai, under whose able guidance our university achieved many successes. We wish him good luck in whatever he chooses to do.

Finally, my congratulations to the students and other colleagues at UET, for their dedication and hard work, which makes our journey towards excellence so exciting.

Thank you and God bless!

Engr. Syed Imtiaz Hussain Gilani

ANOTHER FEATHER IN THE CAP OF NWFP UET

Another feather in the cap of NWFP UET is to have our alumnus, Engr. Owais Ahmad Ghani, take charge as Governor NWFP on January 7, 2008. By virtue of this, he is the new chancellor of the university. The vice chancellor, Syed Imtiaz H Gilani, university administration and Engineering University Teachers Association President, Prof. Abdul Hadi, on behalf of the teaching staff, also extended felicitations to the Governor on assuming the office as chancellor, and ensured their support to the chancellor for development of the university and the province.

Governor Engr. Owais Ahmad Ghani graduated in mechanical engineering in 1973 from UET, Peshawar. Prior to accepting the present responsibilities in NWFP,

Owais Ahmed Ghani was the Governor, Baluchistan. He joined provincial cabinet in NWFP on 5th November, 1999, and served the province till 4th January, 2002, as minister for Industries, Commerce and Mineral Development, Labour and Manpower, Technical Education, Informational Technology and Science and Technology. On 5th January, 2002, Mr. Owais Ahmed Ghani was inducted in the Federal Cabinet where he served the country as Minister for Labour, Manpower, Overseas Pakistanis, Environment and Local Government, as well as Religious Affairs, Zakat and Ushr.



MoU WITH UNIVERSITY OF VIENNA SIGNED

NWFP UET and Vienna University, Austria have signed a memorandum of understanding to carry out joint research and academic exchanges in the field of computer systems and information technology. The MoU was signed by Prof. Dietmer Dietrich, Head of Institute of Computer Technology (ICT), Vienna University and Prof. M. Yahya, Chairman Department of Computer System Engineering.

Under the MoU, exchange of graduates as well as academic and scientific material will take place between the ICT and the Department of Computer System Engineering. Prof. Dietrich emphasized the need to build up faculty interaction between Pakistani universities and Vienna University. "Austria is known for big names in the industrial sector, but it is also a home to small and medium industries which had established credibility in the international market. If Pakistan can provide us the brain power, together we can achieve our objectives", he said.

Later on, Department of Computer System Engineering



conducted a one-day international workshop on computer technologies in collaboration with Vienna University. Speakers included Prof. Dietmer, who spoke on the "paradigm shift in controlling complex processes for field bus system", Dr. Stefan Mahikneckt on "actual research and trends in wireless sensor networks", and Mr. Friederich Kupzog delivered a lecture on "Intelligent Electricity Networks".

MoU WITH GEORGE WASHINGTON UNIVERSITY SIGNED

NWFP UET and George Washington University have entered into a new academic linkage under which 25 teachers of UET Peshawar will be trained at MS and PhD levels at GWU, Washington. Under the agreement, visits of senior professors of both universities will be arranged on reciprocal basis. In addition, few joint research projects, common publications, seminars and conferences are part of this agreement. It was also decided that GWU will admit UET scholars at the rate of 30% discount in tuition fee for admission to the MS and PhD.

Muhammad Sarwar Khan, Advisor Finance & Planning, represented UET, while from GWU Executive Vice President for Academic Affairs, Dr. Donald R. Lehman, Executive Vice President and Treasurer, Mr. Louis H. Katz, and Dean, School of Engineering and Applied Science, Dr. Timothy W. Tong signed the agreement.

Convocation 07



Two hundred and sixty five graduates were awarded bachelors, and twelve master degrees in various disciplines of engineering, while two were conferred Ph.D degrees at the annual convocation held on 28th November 2007. Four graduates were awarded presidential awards and nine gold medals for their distinctive performance. NWFP Governor then Lt. Gen. (R) Ali Muhammad Jan Aurakzai, was the chief guest and conferred degrees upon the graduates.

In his speech, Lt. Gen. Aurakzai focused on increased exploration and utilization of natural resources in the province. He said the province and FATA are blessed by nature with tremendous mineral resources, and there is a dire need to produce engineers of required knowledge to use this hidden wealth for the benefit of people in this area.

He urged the graduating engineers to acquire relevant expertise, and further improve their knowledge through continued education. Glimpses of excellence in the scientific development of our country are due to the work of our Ph.D scientists. "We need a lot of PhDs in every field in order to upgrade our technology and keep our products competitive in the global market".

Earlier, the vice chancellor, in his welcome address said that NWFP UET, in a short time period, has taken up a number of development projects amounting to almost 9 billions rupees. UET is proud of range and scope of its international collaborations, in which it is actively involved in joint academic and research programs with George Washington University, USA, University of McGill Canada, University of Vienna, Austria, AIT Bangkok, and University of Loughborough etc.

The colourful ceremony was a joyous occasion, where students who entered UET as young undergraduates finally reaped the fruits of their hard labour. The graduates marched on to the stage to receive their awards brimming with confidence. Those who excelled academically included Shahid Haleem, Shah Mahmood and Muhammad Qaisar, and were conferred with presidential awards, while Amir Muhammad, Ihsanullah, Khalid Usman, Fariha Atta, Muhammad Arsalan, Tahir Usman, Fasiha Subhan, Sidra Ashraf, Muhammad Waseem and Zakaullah Zahid were awarded gold medals.

Similarly, Dr. Irshad Ahmad and Dr. Muhammad Alamzeb received Ph.D degrees in civil and mechanical engineering respectively.



INTER COLLEGE UNIVERSITY DECLAMATION CONTEST

The National Accountability Board (NAB) in collaboration with UET conducted the NWFP Inter College & University Declamation contest on November 29, 2007. As many as twenty five private and public sector colleges and universities of NWFP participated in the event. The theme for the English debate was "Are we a responsible society?" while for Urdu debates it was "Dianatdar aur Ba shaur quamein he manzil-e- maqsood tak pahunchty hain". The Vice Chancellor was the chief guest.

Amongst English debaters, 1st prize was awarded to Umm-e-Aiman of NWFP Agricultural University, with a Rs. 7500 cash award and merit certificate, second prize was won by Shahid Javed of Garrison College, Kohat with a cash award of Rs 5000, while third prize was won by Syed Muhamamd Sabeeh of Islamia College, Peshawar, along with a cash award of Rs. 3000.

In Urdu debates, Rabia Zaman of FG Degree College Peshawar, and Ramla Kareem of ICMS Hayatabad won

the first prize with Rs. 7500 as cash award each, Sabia Kanwar of Khyber Medical College and Safi-ur-Rehman of Govt. Postgraduate College Bannu bagged second prize with Rs. 5000 each, while Shakir Ullah of Khyber Medical College was declared the third prize winner with cash award of Rs. 3000 along with merit certificate. The ICMS fetched the winner's trophy, and Garrison College Kohat took over the Runner up trophy.

The consolation prize in Urdu debates went to Najam-ul-Hassan of Garrison College Kohat, while in English debates it was awarded to Aysha Iqbal of University of Peshawar, with a cash prize of Rs. 2000 each. The chief guest gave away prizes to the winners.

Director General NAB, Air Vice-Marshal Tahir Butt, thanked the audience and President NWFP UET, Literary and Debating Society, Engr. Qaiser Gul for arranging the NAB declamation contest for a second consecutive time at the University. He also presented souvenirs to the chief guest and judges of the contest.



ONLINE INTERACTIVE VIDEO LECTURE-TELECAST LIVE FROM BOSTON USA

The IEEE Peshawar Subsection organized an online interactive video lecture on 24 November, telecast live from Boston, USA, on "Strategic Professional Development". Dr. Jiahong Juda, Founder and CEO of BurnBright Partners was the speaker on the occasion.

She explained a practical and customizable strategic framework for successful professional development and personal growth. A small group of targeted audience from different walks of life attended the video lecture, followed by live question-answer session.

RESEARCH PAPER PRESENTED

Engr. Safi-ur-Rehman, Ph.D scholar, Department of Mining Engineering presented his research paper in the "Comsats International Conference on Management, 2007-08".

The title of his paper was "Managerial Solution to Operational Control of the Raw Material Blending Problems in Cement Manufacturing Operations".

MECHANICAL PROJECT EXHIBITION 2007

Mechanical Project Exhibition 2007, for mechanical engineering projects was held on 16th November. Eighteen projects were displayed. The top three projects "Design Digital Control System for domestic Geyser" by Engr. Abdul Shakoor, "Designing and function of dish washing machine" by Engr. Khizar Afam, and "Stress Analysis for mine digging device (MVRD)" by Prof. Dr. M.A Irfan Mufti were awarded with prizes.

PROJECT REVIEW MEETING

The project review meeting of HEC funded projects was held, with Vice Chancellor as chairman, to discuss the progress of university developmental projects.

Regarding the recently approved UET project "Establishment of Jalozei Campus" for Rs.6.65 billion, Advisor Finance and Planning Muhammad Sarwar Khan told the meeting that development work has started with full swing and the project will be completed within the stipulated time period. The vice chancellor directed to

immediately construct the boundary wall to secure the campus. Selection of 200 PhD candidates for US and Bangkok universities has been started.

The meeting discussed the progress of other on-going projects of Rs.2.2 billion, including "Institute of Urban Infrastructure Planning", "Strengthening of Peshawar Campus", "Strengthening of Existing Engineering Center", and "Institute of Mechatronics Engineering" etc.

GRADUATION NIGHT HELD

For the first time in history a graduation night was arranged for the graduating students. The event, organized by IEEE and Literary and Debating Society, was also



held to honor all the ex-vice chancellors including Engr. Karim Khan, Faqir Muhammad Paracha, Prof. Humayun Zia and Prof. Syed Musarrat Shah, as recognition of their hard work and dedication as vice chancellors at UET.

In his welcoming note, Registrar Col. (R) Imtiaz Ahmad Khan said that the objective of holding graduation night was to encourage our students towards higher education and also give them an opportunity to socialize and pay tribute to their alma mater.

Later, the vice chancellor in his speech said that today's graduates live in a world where the challenges are more complex and global, therefore they should be well prepared and confident to face these in practical life. He encouraged graduates to use their knowledge and be prepared and committed to applying the rationality of science and engineering in improving the socio economic condition of Pakistan.

Earlier Engr. Farah Awan from Department of Electrical Engineering Department and Dr. Alam Zeb from Mechanical Engineering Department expressed their gratitude to the faculty and administration. While Dr. Razik Yaqoob, alumni, Executive Director Toshiba Research Company, USA, in his greeting message to the outgoing graduates said "it is my ardent hope as you join the practical world you will transmit to them the values that define the UET community, I hope you always make integrity at the top of your decisions and will continue to strive for excellence in your work". At the end, sumptuous dinner, cultural "Rabab" music of NWFP along with student performances, highlighted the fun filled evening.

DR. M. A IRFAN GETS FULBRIGHT POSTDOCTORAL SCHOLARSHIP AWARD

Dr. M. A Irfan, Professor Department of Mechanical Engineering, NWFP UET Peshawar, has been selected for the prestigious and very competitive Fulbright Postdoctoral Scholarship. He will be conducting research on Impact Response of Die Castings at a US University for a period of 10-12 months. This is the first time in the history of NWFP UET that a faculty member has been selected for the postdoctoral Fulbright award.

US CONSULATE PESHAWAR CELEBRATES INTERNATIONAL EDUCATION WEEK



The US Consulate, in collaboration with the US Education Foundation Pakistan, held a one day seminar on “US Education Seminar” to mark the International Education Week.

Amna Haq, Education Advisor, UEFP Islamabad, in her address, said the US Government is striving to open the doors for the international market so that people all over the world could discover many places to get education in the US. “At present there are 4000 universities and the USG’s average spending on higher education is \$ 22 billion as compare to other developed countries; for instance UK which is spending only \$10 billion per year. While the US funding for extending research facilities has been estimated at \$ 43 billion, as compare to the UK which is only \$ 5.65 billion, shows its edge over other countries in the provision of research facilities, particularly in the field of science and technology”, she said.

Ms. Ryia Millar, Economic and Public Affair Officer, US Consulate Peshawar, while addressing the gathering, said the hallmark of US education is its diverse nature in terms of disciplines, subjects and number of courses for the prospective students. Every year 5000 students go from Pakistan to the US to pursue education and this shows the quality of education which the students and their parents look for; the US continues to welcome Pakistanis to get this opportunity and excel in research. Academic exchange is vital for the US,” she stressed. “It makes us closer to people all over the world to get the best minds and best talents to come to US and deal with real life issues. It makes friends for our country and help resolve misconceptions about each other”.

Other members of USEFP also spoke on Fullbright scholarships, US Testing services for GRE and TOEFL tests and matters related to visa processing.

NEW PRODUCT DEVELOPMENT & PROJECT IMPLEMENTATION

A one-day seminar on “new product development and project implementation” was held on December 12, 2007. Dr. Iftikhar Ahmad Khan, Professor electrical engineering/ HEC foreign faculty member was the speaker on the occasion.

Addressing a large number of students and faculty members, he said project design is an important component of B.Sc engineering degree classification which must be carried out in a standardized manner. He advised students to consider their project as an industry project and learn all the necessary knowledge at university.

Dr. Iftikhar urged the need to strengthen liaison with the industry, for that matter, he encouraged the idea of arranging university project exhibitions on wider scale. Dean Faculty of Engineering, Dr. M. Mansoor Khan and other faculty members also spoke on the occasion.

FLOOD PLAINS MANAGEMENT: WORLD WIDE PRACTICES AND RELEVANCE TO PAKISTAN

Dr. Saadat Ashraf, Associate Professor Department of Agricultural Engineering, delivered a lecture on “ flood plains management: world wide practices and relevance to Pakistan”. The lecture, organized by the Board of Advance Studies and Research, is part of a faculty lecture series aimed to exchange information with students and faculty about latest happenings in respective fields of engineering and research-based world practices.

Citing the example of July 2006 flood that took place in Pakistan, he said 550 people died in NWFP, Sindh, and Baluchistan, while infrastructure of Rs.2m was destroyed, created huge economic and social consequences. He stressed the need to have a plan for the assessment of developing infrastructure, marking floods spots, regulating flood plains through structural and non structural management, ensuring safety and public awareness to avoid disaster in future.

DEVELOPMENT OF INDIGENOUS EQUIPMENT IN MEDICAL ELECTRONICS

Engr. Gulzar Ahmad and Engr. Amjadullah Khattak, of the Department of Electrical Engineering, attended a five-day workshop on “Development of Indigenous equipment in Medical Electronics”, organized by Organization of Islamic Countries, and held at Islamic University of Technology (IUT), Dhaka, Bangladesh, from 24th – 28th November, 2007.

SEMINAR ON “INTRODUCTION TO ROBOTICS

The Department of Electrical Engineering arranged a one-day seminar on “Introduction to Robotics, Sensors and Interfaces” for 7th semester students, on 12th December, 2007. Dr. M. Shafiq, Professor, electronics and computer engineering, GIKI, was the guest speaker.

WORKSHOP ON “DISPERSION MANAGEMENT IN FIBER OPTIC COMMUNICATION”

Prof. Muhammad Zakir Khan and Engr. Siddique Ali of the Department of Electrical Engineering attended a one-day workshop on “Dispersion Management in Fiber Optic Communication”, organized by Comsats Institute of Information Technology (Wah Campus), and sponsored by HEC.

DIGITAL ARCHITECTURE SEMINAR

In collaboration with Institute of Architecture Pakistan chapter, a one-day seminar on digital architecture was held. The audience was briefed about the latest developments in the relevant field.

WORKSHOP ON “PROJECT MONITORING AND EVALUATION”

Prof. Dr. Khan Gul Jadoon, Chairman, Department of Mining Engineering, and Project Director, Gemstone Development Center, attended a three-day training workshop on “Project Monitoring and Evaluation”, held at NWFP Agricultural University, Peshawar, from December 17th to 19th, 2007, and organized by the Planning & Development Commission, Islamabad.

SEISMIC UPGRADE CONCRETE

Dr. Shamim Shiekh, Professor of Civil Engineering, University of Toronto, Canada delivered a lecture on “seismic upgrade of structures”. Citing the example of October 8 earthquake in Pakistan that caused colossal damage to infrastructure and human lives, Dr. Shamim said that among a host of other engineering aspects, badly constructed columns were also an important cause of failure of buildings. In this regard, extensive research has been carried out in developed countries (e.g Canada) to fix the problem, ranging from developing a series of earthquake retrofit strategies to implement plans for the necessary strengthening of older buildings. In Pakistan, he stressed similar earthquake retrofit strategy can help strengthen existing strategies through preliminary screening performance evaluation and cost effective up-gradation.

Dr. Shamim is closely associated with UET in curriculum designing and graduate programmes at UET Peshawar. The lecture was followed by question answer session. Later on, Dean Faculty of Engineering, Prof. Dr. M Mansoor expressed his vote of thanks to the speaker.

SANOG-XI WORKSHOP

Dr. Innayat Ullah Khan Babar, Chairman Department of Computer Science and Information Technology, attended the South Asian Networking Operators Group (SANOG- XI) workshop in Dhaka, Bangladesh, from January 10-18. The workshop was organized by Internet Service Provider Association of Bangladesh. Dr. Babar was invited as fellow under the SANOG -XI Fellowship program to participate in the workshop, tutorials and conference. SANOG provides a regional forum to discuss operational issues and technologies of interest to data operators in the South Asian Region. The main objective is educational, but at the same time it gives vendors a chance to talk to engineers about newer technology and products on the sidelines.

IEEE ORIENTATION SEMINAR

The IEEE Peshawar Subsection and IEEE CREATE jointly organized the “IEEE Orientation Seminar” on 14th November, 2007, for first semester students. The seminar was focused on introducing students to the international professional association, The IEEE.

Prof. Abdul Mutlib, Chairman Department of Electrical and Electronic Engineering NWFP UET Peshawar was the chief guest, while Prof. Dr. Azzam ul Asar, Chair IEEE Peshawar Subsection, highlighted achievements of IEEE Peshawar Subsection and IEEE CREATE student branch.

UET, NESPAK ink MoU

NWFP UET and National Engineering Services Pakistan (NESPAK), signed a memorandum of understanding to



jointly carry out professional engineering services for particular projects in the country. NESPAK's Managing Director Mr. Karamatullah Chaudhry and vice chancellor Syed Imtiaz Hussain Gilani signed the MoU.

UET, BUET SIGN MoU

Baluchistan University of Engineering and Technology (BUET), and NWFP UET signed MoU under which



mutual research for digging/excavation of marble blocks in Khuzdar (Baluchistan) will take place. Vice chancellor BUET, Brig (R) Mukhtar Ahmad Khan, and vice chancellor NWFP UET, Engr. Syed Imtiaz Hussain Gilani signed the agreement.

MoU WITH POLITECNICO DI TORINO

NWFP UET Peshawar signed a three-year general agreement with Politecnico di Torino, Italy. The agreement is aimed to define the framework in which joint actions by Politecnico di Torino, and NWFP UET shall be taken to promote the exchange of persons, activities, and experience in relevant areas of higher education and research.

MoU WITH ISMB, ITALY

NWFP UET Peshawar signed a three-year MoU with Istituto Superiore Mario Boella (ISMB), Italy, to share common interests and objectives in the academic and cultural environment.

The aim of this agreement is to promote the exchange of persons, activities and experiences in relevant areas of applied research in wireless technologies' environment.

MoU WITH SCPA

NWFP UET Peshawar signed a MoU with S.C.P.A Societa' Perla Gestione Dell'Incubatore Di Impresa Del, Politecnico Di Torino.

Both institutions will contribute to progress goodwill and understanding between their countries by establishing a general framework for cooperation in innovation and entrepreneurship development.

MoU WITH UNIVERSITY OF GLASGOW, UK

NWFP UET Peshawar signed a MoU with University of Glasgow, Scotland, UK. The purpose of this MoU is to develop academic and educational co-operation and to promote mutual understanding between the two universities.

MoU WITH LUCAS-NULLE, GERMANY

NWFP UET and Lucas-Nuelle (LN) signed a three-year MoU, aimed towards a successful cooperation between both parties in transferring technical as well as didactical skills in Teaching and Training Technologies in fields



including Electrical Engineering, IT, and Industrial automation. LN is one of the leading manufacturers for training systems for basic technical and further education world-wide.

INTERNATIONAL WORKSHOP ON RESEARCH, DEVELOPMENT & EMERGING TECHNOLOGIES

A two-day “International Workshop on Research, Development & Emerging Technologies” was held at HEC Auditorium, Islamabad (May 29-30 2007). The workshop was organized by NUST Institute of Information Technology (NIIT), in collaboration with Higher Education Commission (HEC) and Campus Consultancy Services (CCS), UK.

Dr. Atta-ur-Rehman, Chairman HEC, was the chief guest at workshop, which was divided into four different sessions headed by various key educationists. The first session was chaired by vice chancellor, Engr. Syed Imtiaz Hussain Gilani.



NEW UET CAMPUS TO BE SET UP IN JALOZAI

The Executive Committee of the National Economic Council (ECNEC) approved UET’s project “Establishment of Jalojai Campus” on September 19, 2007, with a price-tag of six and a half billion rupees. NWFP UET has started work on a seven-year project of establishing a new campus in Jalojai, with a cost of Rs. 6.565 billion, for which the Higher Education Commission (HEC) is the sponsoring agency, and has already allocated for it Rs.30 million in the PSDP 2007-08.

“The Project aims at developing the Jalojai campus by establishing eight departments at undergraduate level, and postgraduate programs in some disciplines. The Jalojai campus would help upgrade the UET by expanding its capacity, improving the quality of education, and increasing relevance to national needs. The campus would be established on 350 acres of land, and will be equipped with the state-of-the-art facilities of a world-class university, and linkages would be developed with foreign educational institutions.

MoU WITH MISSISSIPPI STATE UNIVERSITY, USA

UET and Mississippi State University (MSU) USA, signed a memorandum of understanding. NWFP UET and the Graduate School of Architecture, MSU, USA, will establish a Virtual Graduate School of Architecture, at the Department of Architecture UET, Abbotabad



Campus, to undertake research activities under Pak-US joint academic and research program. The vice chancellor, and Dr. Larry R Barrow, Director MSU, signed the MoU.

LDS WON CHAMPION TROPHY OF PIEAS

NWFP UET Literary & Debating Society (LDS), won



the champion trophy at the 4th All Pakistan Inter-university Literary Competition 2007, organized by Pakistan Institute of Engineering and Applied Sciences (PIEAS), held on 11 and 12 May at PIEAS, Islamabad.

PROJECT EXHIBITION 2007

NWFP UET arranged the Final Year Project Exhibition 2007. More than 40 development projects were displayed that ranged from faculty sponsored systems to internal



student research experiments, many of which involved application of the latest technology.

MALIK MUHAMMAD SAAD (SHAHEED) REFERENCE HELD

NWFP UET held a memorable service to pay homage to its alumnus, CCPO Malik Muhammad Saad Khan (Shaheed) on 13th February, 2007. The vice chancellor, dedicated the Civil Engineering New Block in the honour



of Malik Muhammad Saad Shaheed who graduated from this department in 1981.

EDUCATION EXPO, 2007

NWFP UET participated in the Education Expo-2007, organized by Dawn Group of Newspapers, on February 24-25, 2007, at Jinnah Convention Center, Islamabad.



The Directorate of Media & Public Relations represented the University. Almost 150 universities from abroad and within the country participated in the exhibition. A large number of academia and stakeholders visited the NWFP UET stall and were briefed about the undergraduate and postgraduate programmes.

UET OFFICIAL UNDERTAKES USA VISIT

Ms. Shamaila Farooq, Director Media and Public Relations, visited the United States from August 25 to



September 14, 2007, under the United States Department of State sponsored "International Visitor Leadership Program", aimed to allow participants to examine the US system of higher education, with particular focus on science and technology colleges and universities.

10TH CONVOCATION 2006



NWFP UET held the 10th Convocation on November 22nd, 2006. NWFP Governor Lt. Gen. Ali Muhammad Jan Aurakzai, was the chief guest. He conferred medals, degrees and awards to the graduates.

in Peshawar. Experts from within Pakistan and abroad including USA, UK, Canada, Germany, China, Korea, Malaysia, Iran, India and Bangladesh participated in the Conference. The conference was inaugurated by then Governor, NWFP, Lt. Gen. (R) Ali Muhammad Jan Aurakzai.

SECOND IEEE INTERNATIONAL CONFERENCE ON EMERGING TECHNOLOGIES (ICET 2006)

The second International Conference on “Emerging Technology” was held on 13 and 14 November, 2006,



ABBOTTABAD CAMPUS LAUNCHES SUMMER STUDIO

NWFP UET Abbottabad Campus launched Summer Studio under Design Discovery of Pakistan (DDP's). The DDP is a coalition of prestigious architecture institutions which include Architecture Departments of Karachi University, NED University Jamshoro, Mehran University Karachi, National College of Arts Lahore, Indus Valley Karachi and NWFP UET Abbottabad. This coalition was inaugurated on the day of launching studio. Mr. Shahab Ghani Khan, Chairman, Pakistan Council of Architecture & Town Planners (PCATP), was the chief guest on the occasion.

He appreciated Abbottabad Campus in taking a lead to launch the Summer Studio.

The speakers included Dr. Ali Arshad, Chairman Department of Architecture Abbottabad Campus, Dr. Abdul Qayyum Khan, Senior Architect, and Daniel Treinen, an architect from the USA.



In Focus: Dr. Rizwan M. Gul

Dr. Rizwan. M. Gul graduated as a Mechanical Engineer from NWFP UET, Peshawar in 1990 with a distinguished academic record. After serving in the same institution as lecturer for a period of one year, he joined Massachusetts Institute of Technology (MIT), USA for further studies. He completed his Masters in Material Engineering in 1994 with his master thesis on fatigue and creep characterization of tough matrix composites. In this research, he fabricated composites with different types of reinforcement and matrix, tested them in fatigue and creep, and developed models to explain the behavior.



Dr. Rizwan obtained his Ph.D degree from MIT in 1997 with research on the use of high molecular weight polyethylene in total joint replacements. In this work he processed polyethylene by different techniques to enhance its wear properties. The microstructure, thermal properties and mechanical behavior were also characterized to predict the wear behavior.

He has a long experience in teaching and research. He has served at GIK Institute of Engineering Sciences and Technology, Topi as assistant and associate professor for a period of seven years and University of Bahrain for a period of three years. Recently he has rejoined UET as professor at the Department of Mechanical Engineering.

Dr. Rizwan's research interests lay in the field of polymers and composites, and in structure-property relationship. His current research work is in the fields of particulate composites, aluminum processing and total joint replacements; a number of research publications, appeared in the journals of international repute are to his credit.

NEWS BRIEFS

- ▶ Training sessions were held for postgraduate students who are applying for "200 scholarships at US universities" regarding Jalozai campus project. These classes were held at the Department of Mechanical Engineering by experts from various institutions of NWFP.
- ▶ A team of PMO (Pakistan Management Organization) visited the Department of Electrical Engineering for the recruitment of fresh graduates of electrical engineering. An aptitude test was organized by Engr. Gulzar Ahmad, Engr. Siddique Ali and Engr. Imran Ashraf.
- ▶ A team of SUPARCO visited the Department of Electrical Engineering for the recruitment of fresh Graduate Electrical Engineers. An aptitude test and interview was organized by Engr. Siddique Ali and Engr. Imran Ashraf.
- ▶ Department of Mining Engineering arranged a visit for a six member team to DG Khan Cement Plant, Chakwal. The faculty members visited the quarry and discussed proposals for university-industry liaison. The department is already working with DG Cement on a faculty research project.
- ▶ A study trip to Jhelum Rohtas Fort led by Arch. Marwat Khan, UET Abbottabad Campus to understand the History of Art & Architecture was held for 2nd year students.
- ▶ The students of 8th semester have paid site visits to the Ghazi Kot Township Mansehra, Regi Lalma Township at Peshawar & CD&MD offices for case studies on the "urban design".

International Workshop Augmented Digital Architecture

(Engineering Beauty: Finding The Creative Practitioner)

The Department of Architecture NWFP UET, in collaboration with the School of Architecture & Planning, University of Auckland, New Zealand is arranging a one-month design workshop in digital modeling and theory, exploring the applications of digital technology in Architecture. It is an internationally significant event in rethinking professional architectural practices.

Keynote speaker: Judy Cockeram Professor School of Architecture and Planning University of Auckland, New Zealand

Date: 18th January - 15th February, 2008

Who Should Attend:
Students of Architecture,
Architectural Engineers
and Architects

Venue:

Department of Architecture NWFP UET Abbottabad Campus

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With compliments

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