

Dean FAST-NU recommends investment in education for better future

Dr. Muhammad Ayub Alvi, Dean FAST-NU has recommended the parents to invest in the education of their children as this investment provides much higher returns compared with any other investment avenue. In an interview with the 'Technology Times' he also asked the students to get ready to compete with the best graduates of the world. Do not think locally, think globally.

During his exclusive talk with the newspaper, Dr. Alvi also shared the history of the country's most reputed computer science education institution and his thoughts regarding promotion of science and technology education in the country.

Dispelling the perception that higher education has become more of a commercial venture, he said in Pakistan, fees charged by private universities are much less compared with what is charged by universities in the developed countries, yet they are still accused of being commercial in nature. The government and public should appreciate that private universities are doing what is actually

the duty of the government.

Responding to a question about entrepreneurship courses, he said the Higher Education Commission (HEC) has advised all universities to offer entrepreneurship courses. Thanks to the internet, students have access to lots of new ideas and knowledge; and importantly they have the urge to do something new and different. Commenting on difference in the abilities of students from different backgrounds, he said Pakistan has different types of education system ranging from 'madrasah' schools to research universities.

Majority of FAST students come from big cities. However, students coming from rural areas have been



File photo of Dean, FAST-NU Dr. Ayub Alvi

found to be hard working than their counterparts coming from urban areas, he added.

Since 2006, the National ICT R&D Fund is granting scholarships to students coming from rural areas. These scholarships have been increased from 200 in 2006 to more than 700 in 2011. FAST-NU admitted 200 of these scholars in 2011.

FAST-NU on the list of NAT associated universities

FAST-NU has joined hands with NTS (National Testing Service). National Aptitude Test (NAT) is for admissions in NTS associated universities and degree awarding institutes. The candidates will appear in a single test only and will stand eligible for admission to all universities in the

respective subject group. The candidates will be required to apply for admission in the universities as per their respective announcements along with a copy of the NTS result card.

The result of the NAT test will be valid for one year. The admission to Master's and Bachelor's programs are

being advertised. NTS National Aptitude is obligatory for entry. Students applying through NTS should remember that only those results will be considered which will be valid till September 2012 or after it. For NAT details/schedule please visit: www.nts.org.pk

Rector attends Rio+20 UNCSD at Rio de Janeiro, Brazil

Rector of FAST-NU Dr. Amir Muhammed attended the Rio+20 United Nations Conference for Sustainable Development (UNCSD) in Rio de Janeiro, Brazil from June 18 to 23, 2012. He was nominated as a Member of the Pakistan delegation to the Conference as well as a Member of the Japan Delegation in his capacity as an invited speaker in the Knowledge Networking Seminar to Promote Green Growth. This seminar was organized by the Ministry of

Environment, Japan (MOEJ) as a side event at the Rio+20 Conference on June 19, 2012.

Dr. Amir Muhammed is member of the Scientific Planning Group of the Asia-Pacific Network for Global Change Research (APN) based in Kobe, Japan. He also participated in the side event organized by the Pakistan Government to highlight Pakistan's achievements and future plans to promote Green Growth in different sectors.

Open House

An 'Open House' was held at FAST-NU Karachi Campus on June 07, 2012 in Electrical Engineering Department. Representatives of more than 6 prestigious firms/companies and institutes interacted with the graduating students for the purpose of recruitment into their respective firms and companies. The graduating students of Telecom Engineering were evaluated on the basis of their final year projects for possible recruitment. Director, FAST-NU Karachi Campus, Dr Asim ur Rehman was the chief guest on the occasion.

Project Day-An Insight into a Bright Pakistan of the Future



Students with their project

The students of batch 2010, Electrical Engineering Department, FAST-NU Karachi Campus showcased their projects based entirely on the idea of producing power on April 25, 2012. The projects were an integral part of the Electromechanical Systems course, studied by the engineering students in the fourth semester. They presented various ideas to reduce the energy crisis facing by our country. From wind and water turbines to fuel powered generators, this project

demonstration had a lot of positive vibe about it. The students had bright ideas, which could easily be implemented in our modern day society. Although a large number of students opted to construct wind turbines, but a few others made use of household objects to construct complex-looking, efficient systems that produced electricity. In the end, Mr. Haris Mohsin, with the help of the lab teachers, Mr. Abdullah Ali and Miss Umema Zaki, and the guest judges including Dr. Shahid Shaikh, Dr. Atif Saleem, Mr. Khalid Iqbal Soomro, Mr. Nadeem Kafi, Mr. Haris Mujtaba and Mr. Asim Mahmood announced the winners and runners up of this competition.



A water turbine at Project Day

FAST-NU Lahore Campus students get scholarships from PEEF

77 students of FAST-NU Lahore Campus were awarded scholarships of Rs.5,215,000 from Punjab Educational Endowment Fund (PEEF) during last three years. In 2009-10, 20 students were paid Rs.1,330,000 (Rs.66,500 each), in 2010-11, 30 students were paid Rs.1,995,000 (Rs.66,500 each) and in 2011-12, 27 students were paid Rs.1,890,000 (Rs.70,000 each).

FAST-NU organizing convocation at Islamabad Campus

FAST-NU is organizing its convocation for awarding degrees to the graduates of Islamabad Campus on July 11, 2012.

Graduates of BS (CS) (Batch-2008), BS (TE) (Batch-2008), BBA (Batch-2008), MBA-1.5 Year (Batch-2010), MBA-3 Years (Batch-2009), MS(CS) (Batch-2010), MS (EE) (Batch - 2010) and PhD (CS) (Batch-2008) have been invited to attend the convocation. The venue of the convocation is Islamabad Campus Auditorium.

FAS organizes two day trip to Azad Kashmir

The FAST Adventure Society (FAS) of FAST-NU Peshawar Campus organized two days recreational trip to Azad Kashmir from May 5 to May 6, 2012 for students under the supervision of six faculty members. 210 students proceeded for the trip.

They left Peshawar on May 5, 2012 in the morning and reached Banjosa Lake in the afternoon. Students also enjoyed boating in the lake as well as bonfire at late night. On May 06, the students were taken to hiking where they saw Line of Control (LOC). After

enjoying more than two hours hiking, they moved towards fairy meadows of Azad Kashmir. The valley was full of lush green beauty, covered with pines forest. After enjoying the trip, the students returned to Peshawar in the late evening.



Students are enjoying boating and excellent weather during their visit to Azad Kashmir

Open discussion seminar held

FAST Engineering Society (FES) of FAST-NU Peshawar Campus organized a two-day seminar on 'Power Transformer Design and Power Systems' from May 9 to May 10, 2012. Three teams, each having 35 students of Batch-10 (BS Electrical Engineering) visited HLE Transformer Design and Test Labs (PESCO Authorized) located in Industrial Estate, Hayatabad, Peshawar. In continuation of this, an open discussion seminar was also held on May 14, 2012 in which students and faculty from Electrical Engineering department participated. During visit to HLE labs, students took various practical sessions on design and tests on distribution transformers (100kVA, 200kVA,

400kVA). This effort was made especially to boost the students knowledge about Electro-mechanical systems. Along with concerned course teachers and experts, students performed some tests such as oil break-down test, Transformer Turn Ratio (TTR) test, Insulation (Merger) test, and open-circuit, short-circuit and load test. The students also practiced coil winding, oil dehydration, and transformer core design.

Humaira Ehsan's achievement

Humaira Ehsan, Assistant Professor, Department of Computer Science, FAST-NU, Islamabad Campus has attained achievement of being cited 100 times in national/international conference and journals.

Being cited by others is one of the criteria to judge the quality of the paper. As this shows that other people have either used her research, have built upon it or have appreciated it in their own work.

CESET Institutes Scholarships for Fall 2012

Centre for Emerging Sciences, Engineering & Technology (CESET), Islamabad is instituting Fully-funded scholarships in the name of Late Arfa Karim and Haji Mohammad Rafiq. Arfa Karim Scholarships will be awarded to the meritorious students applying in its BS Software Engineering and BS Computer Science Programs whereas meritorious orphan students in undergraduate engineering and all other programs will be the recipients of Late Haji Mohammad Rafiq Scholarships on need cum merit basis. Besides these two scholarships, CESET also offers Merit Scholarships both on and after admissions in all undergraduate programs. The last date for applications is July 27, 2012. Students can visit the CESET web www.ceset.pk or its Campus # 61 - SERVICE ROAD (NORTH), I-10/3, ISLAMABAD or contact (051-2541101, 051-2541103, 051-4101902, 051-4307338) for further queries.



Students are displaying their project at Seminar

FAST-NU Lahore students visit Karakoram Range



Students at Eagle's Nest during their visit to Karakoram Range

NFT – NUCES Fun Trekkers, the adventurous club of FAST-NU, Lahore Campus arranged a 12 day tour (from June 5 to June 16, 2012) to Karakoram Range including Gilgit, Rakaposhi and Deran Mountain Ranges, Hunza Valley, Doikar

(Eagle's Nest), Altit and Baltit Forts and several marvelous places. The purpose of the visit was to give the students a beautiful break after a hectic semester. The hectic efforts were made by NFT team 2012-13 to arrange and manage this tour.

HEC announces 6,000 scholarships for needy students

The Higher Education Commission (HEC) has decided to award 6,000 scholarships to talented but financially strapped students from different parts of the country during the next three years. According to a spokesman of HEC, the need-based scholarships are aimed at providing opportunities to under privileged students, possessing academic merit,

but unable to finance their education, to have access to higher education. Under this new initiative, special emphasis is given to the students belonging to Balochistan, FATA, interior Sindh and Southern Punjab. So far 1,000 need-based scholarships have been awarded to the students belonging to different parts of the country.

Ms Qammar Rubbab defends PhD thesis



Ms Qammar Rubbab defended her PhD Thesis titled 'Motion of Oldroid-B fluids with fractional derivatives in cylindrical domain' at FAST-Lahore Campus on May 26, 2012. Dr S. M. Husnine supervised the thesis while the foreign evaluators were Dr. Wenchang Tan of Peking University and Dr. Dumitru Vieru of Technical University of Iasi. The internal and external examiners, Dr. Asif Gondal of FAST-NU Islamabad Campus, Dr. Shahid Siddiqi of Punjab University Lahore and Dr. Ozair Ahmad of UET Lahore evaluated the defence.

Research papers published

A research paper titled 'Anisotropic Dark Energy Bianchi Type III Cosmological Models in Brans Dicke Theory of Gravity' by Muhammad Farasat Shamir, Lecturer, Mathematics, FAST-NU Lahore Campus has been published in Canadian Journal of Physics (Journal reference: Can. J. Phys. 90: 193-198, 2012). It is an ISI Journal with an impact factor 0.880. The crucial phenomenon of Dark Energy and Expansion of Universe has been discussed in this paper.

The research article titled 'Status, Identity, and Privileges of Women in Islam' authored by Dr. Aziz-ur-Rehman Saifee, HOD Sciences and Humanities, FAST-NU Karachi Campus and Ms Sameera Sultan, Lecturer and others was published in an international journal. Dr. Saifee's two more joint papers with Mr. Ibrahim Gul and Ms Sameera Sultan were accepted for publication.

A research paper with titled 'Comments on Noether and partial Noether operators for complexified partial differential equations and their split real systems' of Ms. Rabia Jarral (MS Math student) has been accepted for publication in Archives Des Sciences. It is an ISI journal with 0.474 as impact factor. Ms. Rabia is working under the supervision of Dr Adil Jhangeer.

Scholarships and Funding Newsletter

The latest newsletter of Pakstudents for the month of June 2012 contains updates news about funding and scholarship opportunities for Pakistani and international students. A number of scholarships offered by several prestigious universities of the world are available in the newsletter. The interested students can find more news, updates and useful information by visiting the website www.pakstudents.com.