



The Science Affair - SPEC, SENTEC & TECHELITE

NEDIANS command a distinct panache in the Science and Technology arena which is earned through rigorous academic and related activities. The prowess in the different domains of engineering is demonstrated and tested at forums like science and technology exhibitions and competitions. The prominent features of such events regularly held at NEDUET are students' projects exhibitions, competition between students of different universities, feedback and evaluations by prominent academicians and professionals from industry, networking between academia and industry through formal and informal discussions.

SPEC

Students' Project Exhibition & Competition, is an annual event organized by the Electronics Engineering Department. This year a mega event, All Karachi Inter University competition, was planned on April 12, 2008. This extremely successful event provided the students' from different universities an opportunity to show case their projects and to engage in healthy competitions related to Hardware, Software, Speed Programming and Make from Scrap Categories. A huge conglomeration of students, faculty, and professionals serving the industry was witnessed.

SENTEC

SENTEC Science Fair 2008 was organized by the Department of Electrical Engineering comprising two main events: Hardware Competition & Exhibition, and Final Year Project Presentation. This event is an effort to motivate students from different departments of NEDUET to create projects that are unique, creative and significant to their professional knowledge and skills. Vice Chancellor NED UET, Engr. Abul Kalam was the chief guest at the inauguration ceremony which was well attended by top university officials and guests from organizations like KESC, Siemens. The Pro Vice Chancellor NEDUET, Dr Shamsul Haque presided over the concluding session and awarded prizes to the winners: BE Mechanical Engg 1st Prize and Second prize to SE Electronics Engg.

TECHELITE

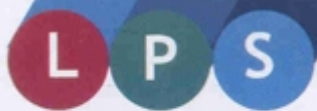
TECH-ELITE 2008 was organized on May 3, 2008 as an annual event by the Department of Computer & Information Systems Engg. The event enables students to test their skills in the field of Computer Information Systems in four categories viz. Best Hardware Project, Best Software Project, Network Security, and Speed Programming. Active participation of the NEDIANS, students from other universities and professionals from leading companies made this event a learning experience for organizers, participants and the general audience.



Editorial

Dear Readers: We are back with another issue of "the Scribe", a window to NEDUET's campus life. It is impossible to capture all the events related to academics, professional training, extra curricular that are held each year at NED, only a few are included in this issue for students to identify the variety of events which they can be a part of in order to polish their talent. This issue has been possible due to the collective efforts of the entire team of Scribe. I would especially thank my editors Arifa Qazi, Zuhair and Irfan for capturing the pulse of NEDUET through their reports, Muhammad Asif Ali for his creative designing and Dr Sajida Zaki for valuable guidance. Literary & Publication Society is expanding its frontiers by launching its first web magazine next year and all those who want to be a part of this venture may join the team.

Humzah Farooq Al-Kindi, Chief Editor



Conferment of degrees upon more than a thousand Convocation of NEDUET

The 16th Annual Convocation of NED University was held on 6 March 2008. Gr more than 1000 engineers. The event highlight was the award of PhD degrees and Anjum Khalid are faculty members at Computer and Information Systems E respectively. VC NEDUET, Engr Abul Kalam presided over the convocation in th Ishratul Ibad Khan. Ardeshir Cowasjee, the famous columnist and the represen certificates to the position holders from the graduating batches of each departm

Seminar on HV & MV Silicon Surge Arrestors

A seminar was organized for the third year and final year students of Electrical Engineering Department on 4 March, 2008 by their department on "High Voltage and Medium Voltage Silicon Surge Arrestors". The main speaker of the seminar was Mr. Muhammad Alashqar from Siemens, Germany. The students and faculty members found the seminar extremely informative as it updated them with the developments and applications in the Surge Arrestor Technology.



A Boost in the Morale of ASHRAE- NEDUET Chapter

American Society of Heating, Refrigeration and Air Conditioning Engineers (ASHRAE- NEDUET Chapter in collaboration with ASHRAE- Pakistan Chapter and Pakistan HVACR Society organized ASHRAE Awards ceremony on 2 February 2008. Vice Chancellor NEDUET, Engr Abul Kalam was the chief guest. Dr Muzaffar Mahmood, PDinC; Dr Nazimuddin Quresi, Dean MME; Dr Fakhir Hasani, Chairman ME were also present on this occasion. Award of Certificates to Students members and oath taking of new office bearers were the notable events of the day. The event served as a new membership drive that helped in expanding the student membership base to 86 members.

Students' Activity Week celebrated with a bang by ASME- NEDChapter

March 17, 2008 marked the beginning of the Student's Activity Week organized by American Society of Mechanical Engineers (ASME) - NEDUET Chapter and the Mechanical and Industrial Manufacturing Engineering Departments. Four different contests were held including Technical Presentations, CAD 3D Modeling, Technical Poster contests and a Double Wicket Cricket Tournament. Enthusiastic participation from all four member departments of faculty of MME as well as Materials and Automotive Engineering Departments were witnessed. The event provided the students with a platform to test their skills in a healthy, competitive environment. The winners and the runners up secured an opportunity to contest in the next round, a National Event that will take place in Lahore.

Advice from Alberta, Canada

On January 11, 2008, Mr. Farukh Akram, Reservoir Engineer, Schlumberger Information Systems, Calgary, Alberta, visit to the final year students of Mechanical Engineering Department to deliver a lecture on "Integrated sub surface applications". The lecture provided the students with valuable insight into the global and domestic petroleum industry scope of Mechanical Engineers in the upstream oil business. In addition, it also identified various professional competencies in the field. The event served as an attempt to train upcoming engineers to become effective work force that will serve better.

post-graduate degrees were conferred upon
 Hamera Noor and Mr Anjum Khalid. Drs Humera Noor
 and Mechanical Engineering Department
 of the the Chancellor. Governor Sindh, Dr
 Inshaw family, awarded the gold medals and merit



Religious recitals rejuvenated the souls

Of the regular events organized by Controller Students' Affairs, Qirat and Naat Competition was organized on 11 March 2008. The Chief Guest on this sacred event was Mr Abdul Shaheed Nomani, Chairman Arabic Department KU; whereas Mr Bilal Usmani and Mr Habib un Nabi were the judges. Active participation from students adept in Qirat and Naat made the event successful, but the judgment as to the winners was tough. Hafiza Asma Ejaz (BE CIS) won the Qirat Competition with Abdul Rehman(SE-EE) and Mohammad Asif (SE- ME) bagged 2nd and 3rd prizes respectively. Tauqir Ahmed (TE-CE) was declared the best Naat khawan with Syed Uzair Ahmed (BE-ME) and Syed Mohammad Raza (FE-EE) as the 1st and 2nd runner up.

Not just Technical Skills, Soft Skills are also Vital

Alongside exposing students to professional activities and practices related to engineering disciplines, the university also arranges opportunities to groom students in various soft skills that are vital to their careers. Department of Petroleum Engineering in Collaboration with Petroleum Institute of Pakistan organized a Lecture on "Importance of Effective Communication in Corporate Life" on 9 February 2008 for the final Year Students. Mr Shahid Farooqi, Former Training Head of Pakistan Petroleum Limited shared valuable insights related to the topic.

Bridging the gap between academia and industry

NED University, besides arranging events for students, also plans activities for its faculty. One such event, a Lecture on Engineering Education was organized on 4 January 2008 by the Mechanical Department. The purpose of the seminar was to update engineering education practices in accordance with the ever changing needs of the industry. Members of the faculty benefited from the ideas shared by the guest speaker, Dr Ajmal Ansari, Technical Fellow Visteon Corporation, Van Buren TWP, MI, USA. The training of young engineers keeping the practices of the industries which they will serve in future will surely enhance their professional growth.

"Bio diesel - Alternative & Clean Fuel for the Present and the Future"

Department of Environmental Engineering, NED University organized a Seminar on **"Bio diesel - Alternative & Clean Fuel for the Present and the Future"** on July 03, 2008. The main objective of the seminar was to create awareness That Bio Diesel production from non-edible oil obtained from plants growing on marginal land would benefit Pakistan in several ways viz. reclamation of marginal land, creation of jobs for poor farmers, greener Pakistan, less carbon dioxide content in the atmosphere because this greenhouse gas would be absorbed by growth of many plants, cleaner environment due to far less emissions of pollutants, and reduction of imported fossil fuel, thus saving our economy. The seminar began with the opening remarks by the Chairman Environment Engg Dept. Prof. Dr. Mir Shabbar Ali, who briefed the audience about the efforts made in the domain of Bio Diesel by the department. The subject was then elaborated by eminent scholars like, Dr. Jafar Usmani, Vice President TMT Ventures, Mr Syed Anwar Saeed General Manager Alternative Energy PSO, Mr. Navaid Anjum Zaidi, Deputy General Manager, Alternative Energy, PSO, Prof. Dr. R. Q. Hamid, Chairman Automotive & Marine Engineering Dept. NEDUET, Dr. Razia Sultana, principal scientific officer Food and Marine resources research center, PCSIR, Dr. Naseem Ahmed Khan, Vice Chancellor of Hamdard University, Syed Arshad Ali, General Manager, Product support division, Hino Pak Motors Limited and Sheikh Abdul Qadir, General Manager Production Hino Pak Motors, Limited.

An attempt to bridge the Gender Gap

Every year the Girls' Society in collaboration with CSA organizes a seminar related to Gender Issues, this year too a seminar was organized to discuss the question: Woman – a puppet or a player? Students and faculty members representing both genders elaborating different aspects of the raised question and presented their arguments which not only created awareness about the issues confronting women but also helped in bridging the gender gap. Senator Rukhsana Zuberi who is also a graduate of NEDUET was the Chief guest. The event, besides speeches from Dr Sajida Zaki, Associate Professor and Mr Safi Ahmed Zakai, Asistant Professor at NEDUET, also included poetry and skits - prepared and presented by the students.

Debating Team determined to keep the art of oration alive at NEDUET

The Debating Society and its members enjoy the distinction of being the most active society which is either seen participating in events organized throughout Pakistan round the year or they are playing hosts through their inter university competitions. This year too, the Debating Society participated in various competitions including All Pakistan Declamation Contest at IBM, Bilingual Declamation at DA Degree College For Men, Pakistan Marine Academy, PNAC, Karachi University. Debators, Muhammad Zohair (BE-EE-15) Aamna Khalid (BE-EE-99) Adeel Mumtaz (TE-CE-18) Mubashir Hussain (FE-CE-103), participated in most of these events and remained the most notable speakers owing to the applause they received. The Debating Team deserves "Kudos" for keeping the art of oratory alive despite rigorous technical education orientation. NEDUET Debating Society also hosted an Inter-Provincial Bilingual Declamation contest on April 26, 2008 where a number of teams representing different academic institutions participated. Sindh University Jamshoro won the trophy for the best team.

Schlumberger 's gift to NEDUET: state-of-the-art software "ECLIPSE"

The Petroleum Engineering Department of NED University has recently received a state-of-the-art reservoir simulation software "Eclipse" by M/s Schlumberger Seaco Inc. This generous donation of the 2008 version of the software also included a 3 days training from Mr. Mohammad Sohaib Saeed, Schlumberger's reservoir engineer for faculty members and students of Petroleum Engg Dept. Eclipse reservoir simulation software is used for multiple choices of robust numerical simulation techniques for accurate and fast solutions for all kinds of reservoirs and all degrees of complexity- structure, geology, fluids and development scheme.

"Keen For Green", A Theme and a Message on Green Day

NED University is a conscientious organization which joins in the efforts to save planet earth from global warming and environmental change through the Green Society. Every year Tree Plantation is undertaken by organizing a Green Day on 13 March 2008. As the tradition continues, the tree plantation was inaugurated by the Vice Chancellor himself with the plantation of a tree, followed by the Dean MME, Dean ISH. Later, students were invited to plant the trees and by the end of the day 150 trees of different kinds were planted at various locations on the campus. The members of the society along with volunteers, clad in Green t-Shirt bearing slogan "Keen For Green", were actively seen on the campus days before the event leading a campaign to educate and motivate students about the efforts to boost environment conservation.

NEDIANS won laurels

The students of NEDUET are not just active on the campus but are enthusiastically participating in various events held across Pakistan. Their participation and success has enabled the legacy of NEDUET reach far and wide. Recently, All Pakistan Programming Competition (Procom) was held at FAST- NU, Karachi on May 1-2, 2008. The two-day event was marked with a variety of competitions related to Software Exhibition, Hardware Exhibition, Circuit Designing, E-Zenith, Network Designing, I-Cube, Gaming, Innovative Business Ideas and Ad-Film Making, besides informative seminars conducted by eminent professionals on upcoming technologies. Students of NED University actively participated in the event and won distinctions: 2nd Prize Circuit Designing Competition: Irfan Haider, Quaid Hussain and Naeem Akhtar (TE Electronics); 2nd Prize in E-Zenith: Laeeq, Osama and Kamil (TE Electronics); 2nd Prize Hardware Competition: Muhammad Zohaib, Abdul Samad, Naeem-ud-din Hassan and Muhammad Taha Bhatti (SE Electronics).

An attempt to GAIN BRAIN and to prevent BRAIN DRAIN

NEDUET is a responsible organization that is fully conscious of its corporate social responsibility, a fact evident from a seminar recently held to discuss a serious problem confronting our country i.e. affluent minds are being drained with an exodus of professionals to foreign countries. The seminar on the topic from Brain Drain to Brain Gain was held on 28 May 2008 in collaboration with Controller Students Affairs' Office. The aim of the seminar was to create awareness about how to "gain brain" through education and work opportunities in developed countries especially in the fields of science and technology and to use this acquired knowledge and skills to serve the country whether residing within Pakistan or working overseas. Eminent professionals including Dr Muzaffar Mahmood- Project Director in Chief NEDUET, Abdullah Butt - President Call Centres' Association, Dr. Ismail Sheikh - Associate Professor at ALTAMASH Dental College, Capt. Amjad Faizy- CEO Human & Safety Factors and Mr. Sumair Abro, Trainer NAVITUS highlighted important issues related to the subject and shared their personal experiences of having worked and studied in Pakistan and overseas. Following the speeches by the invited speakers a question answer session was conducted by a group of students whose probing questions left no aspect of the subject unexplored. Engr Abul Kalam, VC NEDUET, closed the seminar with his concluding remarks about the subject followed by distribution of plaques to the guests. This successful event was the brainchild of Umair Arif (TE EE), Nabiha Chaudhary (TE EL) and Syed Hur Hussain (TE ME) who as key organizers deserve appreciation for this thought provoking seminar.