



NED University of Engineering & Technology

Welcome!



Quarterly Newsletter

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“ This is 1st issue of the QEC Newsletter of the year 2017. It is published quarterly to keep all patrons informed about the latest development of QEC/QMC of the University. In this regards, your esteemed feedback and comments shall be welcomed for further development and improve- ”

Introduction



NED University of Engineering & Technology is one of the two oldest engineering institutions in Pakistan and well known throughout the world in engineering education. It consistently endeavours not only for quality of teaching and research but also for Quality Management System (QMS) of ISO 9000 throughout the University.

This internationally recognised QMS is adopted to meet the customers' requirement and satisfaction i.e. students in particular and industries in general. The University has estab-

lished the Quality Enhancement Cell (QEC) under the umbrella of the Quality Assurance Agency (QAA) of the Higher Education Commission (HEC) of Pakistan.

The Vision, Mission and Objectives of the QEC have been defined by the university and organogram of the QEC reflects deep commitment of the top management of the university towards assurance of the quality standards of education in entirety in the university and in affiliated colleges/institutes as well.

"Quality is not an act, it is a habit" --- Aristotle

New Vice-Chancellor



Dr. Sarosh Hashmat Lodi has been appointed as the Vice-Chancellor of NED University of Engineering & Technology Karachi for a period of four years.

The Governor Sindh and Chancellor of the University made the appointment on advice of the Chief Minister Sindh and upon recommenda-

tion by the VC Search Committee headed by Justice (retired) Syed Deedar Hussain Shah. He took over as the VC on 22 March 2017 from Prof. Dr. Muhammad Afzal Haque who completed his tenure. Before the appointment, he was working as Senior Dean, Faculty of Civil Engineering and Architecture at the University.

Dr. Lodi started his career at NED University as Lecturer in 1988, after having MS (Structures) from Oregon State University, USA and PhD from Heriot Watt University Scotland,

he was appointed as Professor in 2000 and then as Chairman of Civil Engineering Department in 2003.

Dr. Lodi also successfully completed Senior National Management Course (82nd NMC) at the Administrative Staff College in 2005 and was promoted as Meritorious Professor (BPS-22) in 2010.

He has worked upon a number of national and international research projects and has more than 100 publications at his credit. He had recently been awarded "Research Excellence Award" by the NED Syndicate. He is pioneer of NED University's Quality Management System which resulted in the University Certification for ISO Standards in 2002. He is also recipient of several international awards like (i) Howard Medal by the Institution of Civil Engineers, UK, January 2005 (ii) Best Teacher Award by Higher Education Commission, Pakistan for the year 2002-03 (iii) Overseas Research Students Award for years 1995-96 and 1996-97 by Committee of Vice Chancellor and Principals, UK (iv) Central Overseas Training Scholarship from Ministry of Education Pakistan, 1994-98 and many more.



The Quality Enhancement Cell (QEC) of the University organized training on “**Occupational Health and Safety**” on 1-3 November 2016 under the HEC’s Indigenous on Campus Training (IOT) Programme. The aim of training was to provide awareness of the international standards about effective implementation of the health, safety and environment practices and processes. Prof. Dr. Muhammad Afzal-ul-Haque, Vice Chancellor of the University, graded the closing ceremony as Chief Guest, while the Chairpersons of the concerned teaching department were also presented. Director QEC Prof. Dr. Asif Ahmed Shaikh highlighted the training importance and participation details. The Vice Chancellor distributed certificates to the successful participants awarded by the Institution of Safety and Health, UK after qualified the IOSH exam.



Petroleum Engineering



Petroleum Engineering Student Participation in FEMMe Scholarship Program

Ms. Zehra Naqvi, Student of Third Year Petroleum Engineering (Batch 2014-15) was selected for FEMMe scholarship programme held in Budhapest, Hungary on 30th-31st January 2017.

FEMMe scholarship programme was launched by the MOL Group, an international oil and gas company. The aim of this programme is to improve the diversity of employee pool and attract increased female participation in Oil & Gas sector.

Ground Breaking Ceremony

The ground-breaking ceremony of first ever Norwegian Centre of Excellence in Petroleum Studies (NCEPS) was held at Department of Petroleum Engineering, on 31st January 2017.



Norwegian Ambassador to Pakistan, Mr. Tore Nedrebo was the Chief Guest of the ceremony.

The ceremony was attended by dignitaries from Planning Commission of Pakistan, Pakistan Petroleum Industry, Deans, Chairpersons, faculty members of NED University and media personnel.

Training on Drilling Simulator at Gtsc-Abu Dhabi, UAE

Mr. Muhammad Arqam Khan, Lecturer, Department of Petroleum Engineering was selected for short term training under the approved Task F, “Training of Laboratory Engineers/Teaching Staff” of ongoing Project “Establishment of Norwegian Centre of Excellence in Petroleum Studies” of Institutional Cooperation Programme (ICP) of Ministry of Planning, Development & Reform. The Five days training held in Jan 2017 at Abu Dhabi.



Mr. Muhammad Arqam Khan was awarded IADC Certification as a Driller, which is a mandatory qualification for the Drillers working on a Rig.

NEPCS

NCEPS is the outcome of Norwegian Funded Project PK-3004, Pak-Norway Institutional Cooperation Programme (ICP).

The project was executed by NED University of Engineering and Technology in collaboration with Norwegian University of Science and Technology (NTNU). Prof. Michael Golan, Prof. Egil Tjaland and Prof. Jon Kleppe represented NTNU while Dr. Sarosh Hashmat Lodi and Prof. Dr. Abid Murtaza Khan on behalf of NED University.

The project aimed at to establish Norwegian Centre of Excellence in Petroleum Studies and includes capacity building of faculty members and lab engineers, strengthening of laboratory resources, transfer of technology and development of sustainable linkage between the two universities.

Architecture & Planning



Arrival of PhD Faculty

Dr. Saeeduddin Ahmed and Dr. Suneela Ahmed successfully completed their PhDs from University of Cardiff and University of Oxford Brooked, UK in 2017.



Workshop

A workshop was held on 20th January 2017 at the Department entitled 'Low Gauge Steel System: Affordable Housing Technology for Low income groups' in which professionals and students participated. This was organised in collaboration with Urban Resource Center Karachi (URC).

Memorial for Architect Habib Fida Ali

A memorial for Architect Habib Fida Ali was held on 2nd February 2017. Architect Habib Fida Ali was a renowned architect of the country and he passed away on the 9th of January 2017. Professional architects and students attended the event.



Lecture

A lecture entitled 'The end of economics and the future of Trade' was delivered at the department by Professor Shaykh

Umar Vadillo, who is former Dean of Dallas College in Cape Town, South Africa. He is currently engaged in implementing the Islamic Currency in Malaysia.

Interactive Workshop

An interactive workshop was held on 10th February 2017 at the department entitled 'The politics of Space: Visual Landscapes of Karachi.'

Sessions Organised by Students

Students of development studies organized two sessions related to protection of environment in collaboration with Fire Safety Association of Pakistan in the month of February. These sessions were related to:

1. Fire Safety Management
2. Solid Waste Management

These sessions were conducted by well-known environmental activist, legal activist and fire fighters. More over PIA scouts group also participated to promote green environment followed by a poster competition.



Directorate of Industrial Liaison



- Merit Lists of Batch (2012-13) Sent to 67 Companies, various Job Ads were placed on website and CV were provided to employers.
- 32 industrial visits in different organizations were organized during Jan to Feb 2017 for 2nd year students.
- On Campus Recruitment Drives in Jan and Feb 2017, where 8 well known industries conducted Interviews, Test and Presentation for



hiring fresh graduates.

- DIL & ORIC with Collaboration of INJAZ Pakistan conducted Career Counseling Session in January 2017. This career orientation and counseling session was attended by 231 students of various disciplines.
- 69 final year projects received and conveyed to eight teaching departments. Among those six were Merit Based Projects.



Food Engineering



Departmental Achievement by Student

Mr. Raja Maleeh of Third Year (Food Engineering), represented NEDUET as Captain of table tennis team along other three members from other teaching departments, in 2nd Annual Sports Gala organized by Pakistan Marine Academy on Feb 16th 2017. In total, ten teams from

different Universities participated in the event. The University team secured second position in the event.



Environmental Engineering



Departmental Achievement by Faculty

- Prof. Dr. Asif Ahmed Shaikh, Chairman attended NCRC Preliminary Meeting in Environmental Engineering at Peshawar, held in February 7-9, 2017.
- The MOU Signed between "Asian Institute for Environmental Research and energy (A.NERGY), Incheon National University, Korea and Faculty of Civil Engineering and Architecture, NEDUET".
- Prof. Dr. Asif Ahmed Shaikh, has been nominated by the Chief Minister's Secretariat, Sindh as "Member, Appointment Committee, Board of Secondary Education, Karachi" and "Member, Finance Committee, Board of Intermediate & Secondary Education, Sukkur" on February 03, 2017.

Medical Department



Departmental Achievement

- Blood Donation Camp organized at Old Administration Building, Ground Floor, NEDUET on 3rd, 4th January 2017.
- An awareness session on 'Dengue Fever and Chickungunya' was arranged by QEC on Monday 27th February 2017 at NED Auditorium for University Employees and students Dr. Jawed Kamal, Dr. Mariam Alam and Dr. Aurangzeb Arshad Hussain Conducted the session.



Mathematics



Islamic Banking in Finance

A Seminar titled Islamic Banking and Applications was organised in collaboration with Quants Society on 10th January 2017. Mr. Mujeeb Baig, Executive Vice-President at MCB Bank Ltd was the speaker. Students from all the years participated in the event.

Getting to Know CF

To make people aware about the field of Computational Finance, which provides effective combination of stats,

This was an introduction and a simple FAQ relating to Computational Finance studies and its application in corporate world. Students, majorly from the senior



Exchange.

The event concluded with a corporate dinner held at IBA announcing the winners, out of which four students from Computational Finance were awarded with a chance to avail internships.

MAXCEL

The event Maxcel, held on 24th February, 2017, was a great combination of a Maths genius session and introduction to Excel used in



batches, shared their internship experiences in different companies and guided the junior students about how to cope up.

IBA ISTOCKX

ISTOCKX An opportunity for students with background of Finance to get familiar with trading software along with the techniques involved in day-to-day trading.

The event took place for a span of total seven days, each having different activities and workshops by highlighted personalities from Pakistan Stock



mathematics and finance in technology, the event was held on 13th January, 2017, organized by Quants Society.

finance for Financial Modelling. The event proved to be a success as the audience left with a great learning experience.



Library Orientation

The library arranged trainings sessions on library facilities and e-resources for faculty members, IT Managers and Research Scholars from 30th January 2017 to 10th February 2017.

The session specifically focused on trial access of (ProQuest, Scopus) and Elsevier Science Direct Quiz 4 Science (2016-17).

Book Fair

Continuing its long tradition, the library organized Annual Book Fair on 6th & 7th February, 2017 near the University Auditorium at main campus.

The Book Fair was inaugurated by Prof. Dr. Afzal Haque, Vice Chancellor. Deans, Chairpersons, HoD's, Faculty Members, Library Officers, staff and



other dignitaries were also presented on this occasion.

Many leading Book Trade professionals set up their stalls in the Book Fair. The Book Fair covered all major subjects related to Engineering, Science, Technology and Social Sciences; where some of them also displayed Computer

accessories, Engineering Drawing tools and Stationary items.

Faculty members and students took keen interest in the Book Fair and purchased books, appreciating the opportunity to browse a wide variety of books under one roof.



Student Affairs



Student Affairs Department organized the following activities during the period Jan—March, 2017

- ▶ Clean & Green NED Campaign '17 held on 3rd January 2017 at Main Campus, NEDUET.
- ▶ NPS MAPS workshop Induction Ceremony held on 3rd January 2017 at NED Auditorium NED Photography Society.
- ▶ SENTEC Orientation on 6th January 2017 at NED Auditorium.
- ▶ Intercollegiate Bilingual Declamation Contest on 17th January 2017 at DHA, Karachi, Defence Authority Degree College.
- ▶ 2nd All Pakistan Bilingual Declamation Contest & Squash Championship on 19th 20th January 2017, Tando Adam, Sindh Cadet College Sanghar.
- ▶ 19th All Pakistan Inter University Declamation Contest for Award of Allama Iqbal Shield on 27th January 2017 at VCH Civil Engineering Department, NED.
- ▶ NPS Orientation'17 on 1st February 2017 at VCH Civil Engineering Department, NED.
- ▶ MOSAIC Arts Fiesta on 21st & 22nd February 2017 at NED Auditorium.
- ▶ All Pakistan Bilingual Declamation Contest on 8th February 2017 at DHA, Karachi, Defence Authority College for Women.
- ▶ Prime Minister Green Pakistan Programme on 9th February 2017 at Main Campus, NEDUET VC Office.
- ▶ MUN & Parliamentary Debate Training Session on 22nd February 2017 at VCH Civil Engineering Department, NED.
- ▶ NPS-Media Arts Photography Summit Workshop on 23rd February 2017, VCH Civil Engineering Department, NED.
- ▶ Meet the Pakistan Engineering Council Chairman on 23rd February 2017, at NED Auditorium.
- ▶ 3rd All Pakistan Bilingual Declamation Contest 2017 on 25th February 2017 at Tando Allah Yar Sargodhian Spirit Trust Public School Rashidabad.
- ▶ A mega event "Spring Festival 2017" was organized on 27th March. The event was inaugurated by Dr. Sarosh Hashmat Lodi, Vice Chancellor. All University employees and students shown keen interest and appreciated the efforts of Student Affairs.

Electronic Engineering



Departmental Achievement by Students

Four girls students of the department namely Sheena, Nimra Idrees Fazil, Ramla Kaleem Shah and Tahniat Hasan Khan under guidance of their mentor Dr. Muhammad Khurram, developed PC game at Arena. As their

final year project they deployed laser tag with the famous paintball shooting game Armez at Arena recreational facility in Karachi.

