



NED University of Engineering & Technology

Welcome!



Quarterly Newsletter

Vol.6 (4) Oct-Dec' 17



Fourth issue of QEC Newsletter of the year 2017 has been made available and accessible to all patrons. The desired objective of this periodic publication is to keep informed patrons about the latest developments and advancement in the University. Your esteemed feedback and valuable comments are



Celebration of QS Ranking & ISO 9001:2015 Certification



◆ According to QS Asia Rankings 2018 NED University of Engineering & Technology has become the top-ranked engineering university in Sindh and has secured second position in all public-sector universities of the Province. Since 2014, NED University has climbed the ranking ladder by 13.9% and is now in the top 2.5% among all Asian universities. In QS Ranking, it has achieved the 301st spot; and a head of time, the university has successfully transformed to ISO 9001: 2015 QMS and got certified by LRQA. This QMS is applicable to the provision of teaching studies and understanding research work in engineering and allied disciplines.

In celebration of the accomplishment, a ceremony was organized by the QEC on 16th October, 2017 at the Video Conference Hall, Civil Engineering Department which followed by lunch. Dr. Sarosh H. Lodi, Vice Chancellor, Prof. Dr. M. Tufail, Pro Vice Chancellor, Deans, Chairpersons, HoDs, successful participants of the Lead Auditor training and distinguished guests from the affiliated col-



leges/institutions and other reputable universities attended the event. Prof. Dr. Asif Ahmed Shaikh, Director QEC / MR ISO welcomed the Honourable Vice Chancellor and distinguished guests. He briefed the restless efforts of the QEC for attaining new version of ISO and appreciated his team especially Dr. M. Wasif, Deputy Director QEC /DMR-II. He also thanked the top management for their utmost support.

The Honourable Vice Chancellor shared with audience the success story of implementation of ISO 9000 Standards in the University and fulfilment of prerequisites of the QS Asia University Rankings. He appreciated entire team especially Mr. Kabeer Ehsan, Assistant Director, DIL and Mr. Islahuddin, PA to Director QEC/MR ISO for their hardship. He also reaffirmed his commitment to continue work focusing on vision of the University.

This dignified ceremony ended with distribution of certificates of the training-IRCA Registered Lead Auditor course based on ISO 9001: 2015 to successful participants.

Competition for Development of MIS for OBE



◆ QEC arranged competition to develop best MIS System to support the Outcome Based Education (OBE) System in the University. Initially, four teams comprising of two departments; Team#1 EED & TXD, Team#2 ELD & CoE, Team#3 UED & CSD and Team#4 CED & CS&SE were selected. The

competition was held on 22nd November, 2017. According to the evaluation by the Panel of Judges, Team#3 comprising of UED & CSD won the competition. Certificate of achievement and a cash prize of Rs. 100,000/- was awarded to the winning team.

Architecture & Planning



◆ Prof. Dr. Noman Ahmed, Dean (AMS) and Dr. Suneela Ahmed, Assistant Professor participated and presented paper in the International Conference on Protecting the Cultural Heritage of the Muslim World, jointly organized by IRCICA, ISESCO and OIC Research Centre on 1st November, 2017 at Istanbul, Turkey. Scholars from all over the world participated in the conference. One important feature of the confer-

ence was the status of heritage sites and locations in Indian administered Kashmir. The Istanbul Declaration mentioned that Kashmir is an important heritage issue for the Muslim world. The news of the event was significantly reported in the daily DAWN Karachi on 15th November, 2017 and available on <https://www.dawn.com/news/1370504>.

Environmental Engineering



Conference/Seminar/Workshop attended/Organized:

- ◆ One Faculty Member attended the 1st International Conference on Quality Assurance at Higher Education Level at Khyber Medical University, Peshawar from 17th-20th December, 2017.
- ◆ One Faculty Member attended the 106th meeting of the Selection Board of Mehran University of Engineering and Technology, Jamshoro on 22nd December, 2017.
- ◆ One Faculty Member participated in Asia Pacific Expert Meeting: Implementing National Qualifications Frameworks (NQF) at Subject Level, organized by UNESCO, Bangkok at Bangkok, Thailand from 20th-25th November, 2017.
- ◆ One Faculty Member attended a seminar on "Identification and Prioritization of Critical Issues in Promoting the Quality Culture in HEI's" as Panelist at Institute of Business and Administration, Karachi on 15th November, 2017.
- ◆ One Faculty Member attended the meeting of the Finance

Excellence is the unlimited ability to improve the quality of what you have to offer.

..Rick Pitino

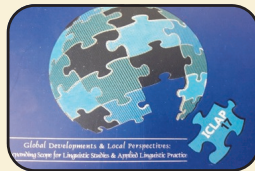
Committee of the Board of Intermediate and Secondary Education, Sukkur from 25th-27th October, 2017.

- ◆ One Faculty Member delivered a lecture on "Carbon Footprint" at PSQCA, Karachi on 12th December, 2017.
- ◆ One Faculty Member presented a paper in the 6th International Symposium of A.ENERGY 2017 Conference at Korea from 14th-21st October, 2017.
- ◆ One Faculty Member attended the "Wash Joint Sector Review (JSR) Workshop" at Movenpick Hotel, Karachi from 6th-8th November, 2017.
- ◆ One Faculty Member attended workshop session on "Entrepreneurship Curriculum Development" in collaboration with US Consulate General, Karachi at NEDUET on 5th October, 2017.
- ◆ A study trip to Soorty Enterprises Wastewater Treatment Plant located at Landhi Industrial Area was arranged on 11th November, 2017.

Humanities



◆ Third International Conference of the Linguistic Association of Pakistan-ICLAP 2017 was hosted by the department in collaboration with the HEC from 12th-14th October 2017. The theme of the Conference was "Global Developments and Local Perspectives: Expanding Scope for Linguistic Studies and Applied Linguistic Practice. The three-day programme included fifteen plenary



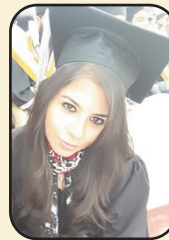
talks and six technical workshops by eminent international and national language, linguistics, applied linguistics professionals besides sixty-five paper and thirteen poster presentations made by language experts and researchers from across Pakistan.

◆ The department hosted a guest speaker session with Dr. Livia Holden,



Professor and Senior Research Fellow at the Centre for Socio-Legal Studies, University of Oxford UK on 26th December, 2017. The purpose was to motivate and provide opportunity for the BS, MS and PhD students along with the faculty members to interact with eminent international scholars.

◆ Ms. Hina Mohammad Ali, student of MAL received a research grant of \$2000 for her research project 'An Ethnographic Investigation of the Intergenerational Language Shift and Maintenance of the Urban Ethnolinguistics Community' to help, preserve and promote indigenous minority languages of Pakistan from an international organization 'WMO-London'.



Computer & Information Systems Engineering



◆ The department along with Urban and Infrastructure Department declared successful and entitled for award of certificate of achievement and prize money in the competition for development of MIS for OBE. The event was held on 22nd November, 2017.

◆ Dr. Muhammad Asad Arfeen, Assistant Professor presented

his talk on "Countering Cyber Terrorism by Internet Traffic & Malware Reverse Engineering" at Symposium organized by Pakistan Academy of Engineering titled "Cyber security-Where do we stand". The event was held on 16th December, 2017 at Mövenpick Hotel, Karachi.

Urban & Infrastructure Engineering



◆ The University participated in the 19th Allama Iqbal Shield Declamation Contest 2017 organized by the HEC at Islamabad. Mr. Shah Nihal Idress, student of the department secured 2nd Position

with Cash Prize in the Final Round. The contest consisted of three rounds; Intra-University Declamation, All Sindh Inter-University Extempore Declamation and All Pakistan Inter-University Extempore Declamation, with a cash prize on each level by the HEC.

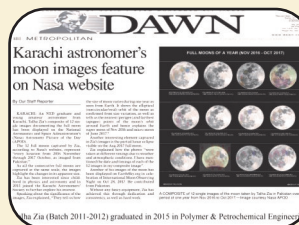
Polymer & Petrochemical Engineering



◆ The Second International Conference on Advanced Material & Process engineering was jointly organized by Polymer and Petrochemical, Chemical & Material Engineering Departments on 12th-13th December, 2017. The conference was intended to create an international forum for academics, researchers, and scientists around the world to discuss new results and proposals regarding the issues related to material and process engineering. Around 300 participants participated in the conference. Participants from five countries made the conference international in scope.

◆ Prof. Dr. Kausar Ali Syed, Chairperson, Dr. Rafiq Ahmed, Assistant Professor and Mr. Raza Muhammad Khan, Assistant

Professor participated in the seminar on "Importance of Particle Size Analysis" held on 4th December, 2017 at Ramada Plaza Hotel, Karachi.



◆ Mr. Talha Zia's composite of 12 single images documenting the full moon has been displayed on the National Aeronautics and Space Administration's (NASA) Astronomy Picture of the Day (APOD). He graduated in 2015 from the department. The news was reported in the daily DAWN Karachi and available at <https://www.dawn.com/news/1370960>.

Electronic Engineering



◆ The National Instruments Seminar on "5G - Framing the Future of Wireless" was jointly organized by Dr. Tahir (Electronic Department) and Mr. Adnan (National Instruments Pakistan) on 1st November, 2017 at the CIS Lecture Hall.

◆ Dr. Imran Aslam, Associate Professor was the Session Chair on First International Conference on the Latest Trends in Electrical Engineering and Computing Technologies (INTELLECT 2017) held at PAF-KIET Karachi on 15th-16th No-

vember, 2017.

◆ Dr. Sadia Muniza, Assistant Professor organized a seminar titled "Organic Electronic and Photonic Devices: Materials, Designs, Fabrication, Characterization, Optimization and Research Needs" held on 21st November, 2017. Prof. Dr. Muhammad Hassan Sayyad, Dean Faculty of Engineering Sciences, Ghulam Ishaq Khan Institute (GIKI) of Engineering Sciences and Technology was the Guest Speaker.

Materials Engineering



◆ 2nd International Conference on Advance Materials & Process Engineering (AMPE-2017) was organized jointly with the department of Chemical, Polymer & Petrochemical and Metal-

lurgical Engineering Departments. The conference was held on 12th-13th December, 2017 at the University Auditorium.

Electrical Engineering



◆ Dr. Beenish Sultana received her PhD from the Universiti Teknologi Malaysia in 2017, under the scheme "Strengthening of NED University of Engineering and Technology, Mega-M3" of the Higher Education Commission, Pakistan.



◆ IEEE PES NEDUET Chapter organized the Induction Ceremony on 4th December, 2017 to brief its newly recruited members about the significance of becoming a part of this prestigious society. During event, policy for the year 2017-18 was presented, whereas, teams and their respective directors were also announced. The current SSR Karachi Section,

Shaikh Muhammad Anas, Guest Speaker emphasized on why one should become an international member of IEEE, and how we can serve our society through volunteering. He also mentioned numerous incentives IEEE offers to its members.

◆ IEEE PES NEDUET organized a seminar on 8th December, 2017. More than 250 students attended the seminar. Mr. M. Nabeel, Representative of Scholarship Network and Guest Speaker guided the undergraduates about various scholarship opportunities from all around the globe and a competent way to successfully claim them.



Mechanical Engineering



◆ The Department organized a workshop on "NED Mentorship Initiative" on 14th November, 2017 to improve teaching, research and fetching funding for research.

◆ IMechE NED Chapter organized a technical presentation

competition for engineering students of all the universities on 20th December, 2017. The event was named as Speak Out For Engineers (SOFE). Current undergraduate students and passed out students of last two years activity participated in this event.

Civil Engineering



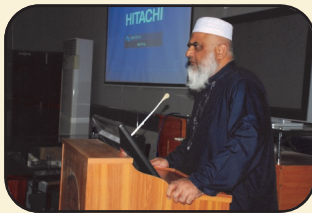
◆9th International Civil Engineering Conference "Striving Towards Resilient Built Environment" (ICEC-2017), IEP Karachi Centre, held on 22nd-23rd, December 2017.

◆Seminar on "Performance Based Design of Tall Buildings" held on 24th, November 2017.

◆Three Weeks Hands-on Training Workshop on "Computer Aided Project Management with Primavera P6" was conducted during October-November, 2017.

◆Prof. Dr. Rizwan Ul Haque Farooqui, Co-Chairman, attended CPD short course titled "Supply Chain Management" held on 26th December, 2017 at University of Engineering & Technology, Lahore.

◆Dr. Muhammad Aslam Bhutto,



Assistant Professor, presented a paper in the "1st International Conference on Quality Assurance at Higher Education Level" held on 18th-19th December 2017 at Khyber Medical University, Peshawar.

◆Prof. Dr. Rizwan Ul Haque Farooqui, Co-Chairman, attended "Contract Administration" training as a Speaker, organized by Highway Research & Training Centre (HRTC) at HRTC Complex, Motorway M-1 Camp, Burhan held on 14th-16th November, 2017.

◆Prof. Dr. Muhammad Shafqat Ejaz and Mr. Haris Akram Bhatti, Assistant Professor, attended meeting and workshop on "ACIAR Project LWR-036 Groundwater Management" held on 6th-11th November, 2017 at Naushehro Feroze and Hyderabad.



Chemical Engineering



◆The Final Year Project Session was hosted by team SCHEME (Society of Chemical Engineers) held in November 2017 with the purpose of introducing the technical abilities to the industries. Mr. Bilal Kazmi, an alumni of batch 2009-2010, Senior Production Engineer at ARCOMA was the Chief Guest along with other reputable industry personals.

◆An Alumni session was hosted by Team SCHEME on 8th December, 2017 where a number of Alumni members of the (Batch 2007-08) attended and guided on career building to the young minds. The speakers included Mr. M. Haris (Team Leader Nestle), Mr. Aun Ali (Supply Chain Manager Day Fresh), Mr. Syed Ashar Wahab (Senior Process Engineer NRL) and Mr. Zaki Ahmad (Senior Process Engineer PARCO).

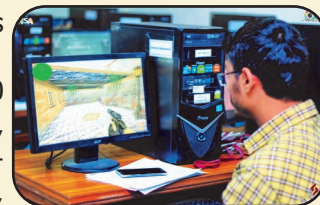
◆An Industrial visit was organized by the team SCHEME for the students of Third Year (Batch 2015-16) on 7th December, 2017 to "LOTTE CHEMICALS PAKISTAN LTD". During the visit a presentation was given by Mr. Sajid Hussain (Plant



Manager Oxidation) along with a tour of various process sections and physical equipment's present at the plant.

◆The department organized the 2nd International Conference on Advanced Material and Process Engineering (AMPE) on 12th-13th December, 2017 at NEDUET main university campus. The Objective of the conference was discussion on of papers relating to Advance Materials, Nano-Composites, Chemical Processes, Process industries Problems & Solutions and Energy & Environment.

◆The prestigious prodigy 2.0 was hosted by Team SCHEME, which included sports as Cricket, Futsal, Chess, Badminton, Throw ball and virtual sports as C.S and FIFA. The cricket tournament held from 22nd-23rd December, 2017 and rest of the sports from 26th-29th December, 2017. The closing ceremony was held on 29th December, 2017. Professor Dr. Inayat Ullah Memon, Chairperson and Chief Guest distributed certificates among the winners.



Automotive & Marine Engineering



◆NED University in collaboration with DICE Foundation, USA organized a two day event named DICE Automotive 2017 on 28th-29th December, 2017 at the University Auditorium. The event comprised of four components:

- 1.Student Project Competition- Students from Universities all over the country participated in the event.



2.Industry Exhibition- Local Automotive Industry exhibited their products and services.

3.Conference organized on "Emerging trends in Automotive Engineering" – Technical papers were presented by academics.

4.DICE Shark-The DICE Shark event was arranged which provided opportunity for students to pitch their innovative projects and business plan in front of venture capitalist.

Textile Engineering



- ◆ Dr. Shenela Naqvi visited TJPU from September to December 2017. She also presented a paper in the 1st International Forum on Textiles, held in November 2017.
- ◆ Dr. Muhammad Dawood Hussain presented a paper in the 1st International



Conference on Technical Textiles held in November 2017.

- ◆ Dr. Muhammad Ali completed a training on 30th September, 2017 on Developing instructor's competency for Textile Technology, conducted by KOICA, South Korea.



Petroleum Engineering



- ◆ The Closing ceremony of the Project "Establishment of Norwegian Centre of Excellence for Petroleum Studies" was held at the Video Conferencing Facility on 26th December, 2017. Dr. Sarosh Hashmat Lodi, Vice Chancellor was the Chief Guest. The ceremony was attended by a number of distinguished dignitaries from Ministry of Planning, Development and Reforms, Petroleum Industry, and Academia.



- ◆ The department has been equipped with state-of-the-art equipment "Multiple Gas Analyzer and Dynamic Linear Swell Meter with Compactor" through Norwegian Funded Project "Establishment of Norwegian Centre of Excellence for Petroleum Studies". The labs have now been significantly strengthened for research purpose.

- ◆ M/s Pak Instrument Ltd organized an online training session on "Dynamic Linear Swellmeter with Compactor" on 29th November, 2017 at the Mud Engineering & Cementing Lab of the department. The training was attended by faculty members and laboratory staff of the department.

- ◆ The department organized a distinguished lecture session on 2nd October, 2017 through video link in its Video Conferencing Facility. The lecture was conducted by Dr. Sigve Hovda, Associate Professor, Department of Geoscience and Petroleum, Norwegian University of Science & Technology (NTNU). He focused on the Emerging Challenges in Drilling Engineering of the Petroleum Industry and the means to mitigate these challenges by the smart use of Hydraulic Fracking,



Managed Pressure Drilling, Big Data and Automation in Drilling Engineering. Undergraduate, postgraduate students and faculty members attended the session.

- ◆ The department organized a distinguished lecture session on 28th November, 2017 through video link in its Video Conferencing Facility. The lecture was conducted by Prof. Alexy Pavlov, Professor, Department of Geoscience and Petroleum, Norwegian University of Science & Technology (NTNU). Dr. Pavlov focused on the Petroleum Cybernetics, Cybernetics toolbox and examples, Elements of cybernetics technologies, Petroleum cybernetics and Application to drilling and oil and gas production. A large number of participants from industry, undergraduate and postgraduate students and faculty members attended the session.



- ◆ One Day Symposium on Institutional Cooperation Programme (ICP) was organized on 30th November, 2017 in Islamabad by the Steering Committee of Government of Pakistan. The objective of the symposium was to highlight the key achievements under the ICP. The symposium was attended by the large number of distinguished dignitaries including



Mr. Tore Nedrebo, Ambassador of Norway to Pakistan. The programme concluded with the distribution of shields to the honorable guests by Prof. Dr. Mir Shabbar Ali, Dean (CPL).



Directorate of Industrial Liaison



Activities organized:

- ◆ Six On-Campus Recruitment Drives at NED UET for Fresh Graduates/Graduating Students and also shared Job Placement Forms (CVs) / Graduate Directories/Posting of Job Flyers at DIL Website and Departmental Notice Boards, with around 123 industries.



- ◆ Issued around 41 Letters of Industrial Visit to students.
- ◆ Received 76 Final Year Projects for students Batch 2014-

15.

- ◆ Arranged 1421 Internships for third year students.
- ◆ Arranged Seminar on Road Safety Campaign with AutoCom.
- ◆ Arranged "CReaTE'17" EA Consulting Students Design Competition-2017.
- ◆ Director Industrial Liaison Visited two Industries.
- ◆ Arranged DICE Automotive-2017 with collaboration of Automotive Engineering department as Chief Coordinator of the event.



CINETIC



- ◆ The department arranged the Orientation Carnival for students of first year. The booth exhibited prominent startups, namely CycleYaari, Edvon and Openmic.

- ◆ In celebration of Global Entrepreneurship Week, the department in collaboration with Global Entrepreneurship Net-

work hosted a workshop on "Ideation-Creative and Innovative Thinking Techniques". The audience had a creative time brainstorming ideas and putting their crafting skills to work. Dr. Najum Akbar Anjum, from IBA was invited to lead the session.



Certificate courses conducted:

- ◆ Four Days Evening Course on 'Supply Chain Management' was conducted on 23rd-26th October, 2017.
- ◆ Two Days Certificate Course on 'Corrosion and Corrosion Control in Industrial Practices' was conducted on 17th-18th November, 2017.
- ◆ One Day Certificate Course on 'Troubleshooting Relating to Garments Manufacturing' was conducted on 25th November,

2017.

- ◆ Three Months Certificate Courses (Sundays) on (i) Software Engineering (ii) Web Engineering commenced from 3rd December, 2017.
- ◆ Three Days Certificate Course on 'Analysis and Design of Building Structures ETABS' conducted on 30th December, 2017.

Department of Student Affairs



The department organized following events in collaboration with Various Societies:

- ◆ Study Visit of City School was held on 5th October, 2017 by City School PAF Chapter.



- ◆ Orientation Programme & Carnival of Batch 2017-18 was held on 13th November, 2017 at the University Auditorium.

- ◆ Research Paper of MBBS Students (Data Collection) was held on 20th November, 2017 by Karachi Medical & Dental College Students.

- ◆ Speaking Session One Nation One Vision was held on 22nd November, 2017 at the University Auditorium.

- ◆ Orientation & Seminar of NED Photography Society was held on 6th December, 2017 at Video Conference Hall by NED Photography Society.

- ◆ Seminar of MOSAC Society was held on 6th December, 2017 at Video Conference Hall by MOSAIC.



- ◆ Masala TV Cooking Show was arranged on 7th December 2017 by Hum TV Network.

- ◆ Anti-Corruption Week was made on 8th-14th December, 2017 by Character Building Society.

- ◆ Study Trip of Hira Foundation Academy was held on 12th December, 2017 by Hira Foundation Academy in collaboration with Character Building Society.

- ◆ Orientation of SENTEC was held on 14th December, 2017 at the University Auditorium by SENTEC.

- ◆ Seminar on Higher Education in Italy was held on 21st December, 2017 at Video Conference Hall.

Students Participations:

- ◆ Mian Ifthkar Ud Din Urdu Debates Championship '17 was conducted on 21st-23rd October, 2017 by Lahore Grammar School, Johar Town Campus at Lahore.

- ◆ 14th Annual LUMS Model United Nation Conference (LUMUN14) was conducted on 26th December, 2017 by Lahore University of Management Science at Lahore.



Examinations Department



- ◆ The inaugural ceremony of "Kaizen Activity" was organized by the department on 20th October, 2017 which was attended by Pro-Vice Chancellor, Deans, Chairpersons and HoDs. Dr. Sarosh Hashmat Lodi, Vice Chancellor was the Chief Guest of the ceremony.

Prof. Dr. Nasir Uddin Shaikh, Controller of Examinations (COE) presented the idea, benefits and implementation procedure of Kaizen activities in an organization especially in educational institutions. He also enlightened the participants about recent Kaizen activities at Examinations Department

and emphasized on the significance of Kaizen activities in other non-teaching and teaching departments of the University. Dr. Sarosh Hashmat Lodi, Vice Chancellor appreciated the initiative of COE for introducing Kaizen activities in his department. He unveiled the "Kaizen Activity Display Center" at the department.



Medical Department



- ◆ Blood Donation Camp was organized with the collaboration with DSA on 6th-7th December, 2017 at Old Administration Building (Ground Floor), NED University Main Campus.

- ◆ An awareness Campaign/Meeting for Polio Vaccination was arranged on 14th December, 2017 at Cowasjee School at NED University.

Engr. Abul Kalam Library



- ◆ A training Seminar on IEEE xplora and other E-resources was held in the Digital Library Section of Engr. Abul Kalam Library on 4th December, 2017. The event was conducted by the representative of A&J Def Tek Consult-



ants in two sessions. A large number of students of third year, final year and research scholars attended the session and participated in the IEEE quiz competition. Hands on training was provided them regarding IEEE and its searching techniques as well as e-books available through ProQuest Ebook Central and IEEE free online courses etc.