

NED University of Engineering & Technology

Welcome!



Quarterly Newsletter

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Third issue of QEC Newsletter of the year 2018 has been made readably available and accessible to all patrons. The desired objective of this periodic publication is to keep informed patrons about the latest development and advancement in the University. Your esteemed feedback and valuable comments are always appreciated for further development and improvement of this Newsletter.

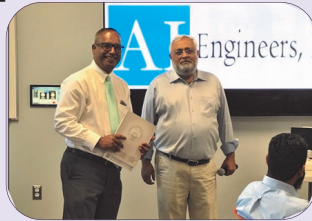


Vice Chancellor's Visit to USA



- Honorable Vice Chancellor visited AI Engineers Head Office at Middle Town-US on 30th August, 2018.

The meet & greet session included Videocon with all the five branch offices of AI Engineers and representative from Pakistan. The discussion highlighted the strengths and chal-



lenges of the two organizations and the areas of collaboration that could constructively benefit the growth of the two entities. Mutual areas of interest were identified for strategies and strengthen industry - academia linkage and support the economic development of the country.



QEC Activities



- Executive Committee Meeting of PNQAHE:** Director QEC Dr. Muhammad Aslam Bhutto attended first meeting of Executive Committee (EC), Pakistan Network Quality Assurance in Higher Education (PNQAHE) on 27th September, 2018 at Khyber Medical University (KMU) Peshawar. The meeting was presided over by the VC KMU Prof. Dr. Arshad Jawaid and attended by member Universities from all over Pakistan.
- BOR Meeting of QEC:** 62nd meeting of the BOR of QEC was held on 24th September, 2018.
- Development of Activity Tracker:** QEC developed an Activity Tracker describing all important academic and other activities of the university with a system of follow up.
- Self Assessment:** After successful completion of the first cycle of Self-Assessment of all Bachelor's, Master's and PhD programs, the second cycle has been started with formation of Program Teams (PTs) for development of SARs.
- Feedback Surveys:** Newly developed Online Feedback System for PhD programs has been successfully implemented. Likewise, total 17 Feedback Survey Analysis Reports related to non-teaching departments and trainings



have been prepared and communicated to respective departments.

- Progress Reports:** After collection and compilation of the data, the Yearly Progress Report (YPR) for the year 2017-18 has been successfully submitted to the QAA-HEC. Further, Quarterly Progress Report (QPR) for the period of July to September 2018 has been approved by the worthy Vice-Chancellor.
- QEC Trainings:** Following trainings were conducted:
 - 'Importance of University Industrial Linkages' conducted on 12th July, 2018.
 - 'Importance of Feedback Analysis' conducted on 20th July, 2018.
 - 'How to Start a new Masters/Ph.D program as per HEC guidelines' conducted on 23rd July, 2018.
 - 'Examination Paper Setting on OBE Based' conducted by Dr. Farrukh Arif, Focal Person OBE and Associate Professor, on 30th July, 2018.
 - 'Responsibilities of Invigilators and Examiners' conducted on 31st July, 2018.
 - 'Quality Management System' conducted on 1st-3rd August, 2018.
 - 'Interpersonal Skills' conducted on 27th-28th August, 2018.
 - 'How to Develop SAR as per HEC guidelines' conducted on 31st August, 2018.
 - 'Preparation and Management of Stock Register' conducted by the Ag. Resident Auditor (AR) on 28th September, 2018.

Computer & Information Systems Engineering



- The department hosted an International Conference on 4th Industrial Revolution (IC4IR). It was the first international conference organized by the department. The conference was held at Expo Centre, Karachi on 1st-2nd August, 2018 with the 9th IEEE Fair in collaboration with Badar Expo. The conference provided a big platform for researchers and industry specialists to exchange their ideas and views about the growing fields that lead to Fourth Industrial Revolution.



The conference theme covered digital impacts and innovations in all areas of life including health, education, travel, leisure, safety, automation etc. The latest advances in the field of Fourth Industrial Revolution were presented in various technical sessions. Each session of the conference started by a keynote talk from an Internationally learned speaker, followed by other national and international eminent speakers and paper presentations. The conference had more than 100 national and international institutional registrations, where more than 3,000 professionals attended the conference.



Polymer & Petrochemical Engineering



- Dr. Asim Mushtaq, Assistant Professor has re-joined the department after completion his PhD from the Universiti

Teknologi Petronas, Malaysia.

Chemical Engineering



- The department arranged an industrial visit of International Textile Limited on 11th September, 2018 for the Second Year students.
- Students of the department arranged "Plantation Drive" in Korangi Industrial Area on 12th August, 2018.
- Students of the department visited to "Al Mustafa Orphanage Home" on 11th August, 2018. They spent time there and mingled with the orphan children. Students also distributed gift packs to the children.
- AICHE Student Chapter NED University arranged a P&ID webinar in the Polymer & Petrochemical Engineering auditorium on 3rd August, 2018. Mr. Khurram Tauheed delivered detailed lecture on Piping & Instrumentation Diagram. Mr. Khurram Tauheed did his bachelor of Chemical Engineering from NED University and presently residing in Canada.



- Mock Job interviews and test was arranged for third year and final year Chemical Engineering students on 18th-19th July, 2018. Mr. Muhammad Zubair and Mr. Ahsenullah from National Refinery Limited conducted the Mock interviews.
- A technical session on Effluent Treatment Plant was arranged for students of second year on 17th July, 2018 regarding the importance of "Industrial Waste Water Treatment". Mr. Zishad-ul-Haq from Kasim Textile Limited delivered the lecture.
- Casio workshop on newly launched Casio classwiz calculator for First year students was arranged by AICHE NED student chapter on 16th July, 2018.
- Industrial visit to National Refinery Limited (NRL) for third year students was arranged on 4th July, 2018.



Chemistry



- Dr. Kashif Ahmed, Associate Professor, of the department attended the 20th International Conference on Microbial Technology and Biochemical Engineering held on 23rd-24th July, 2018 at Istanbul, Turkey. He also attended the 20th International Conference on Advanced Materials Science

and Nanotechnology held on 27th-29th August, 2018 at Dubai, UAE.

- Dr. Rafia Usman, Assistant Professor (IPFP) has joined the department. She completed her PhD from Kagoshina University, Japan.



- Dr. Haider Hasan, Associate Professor visited College of the Environmental as a Visiting Scholar in the Earth and Space Sciences Department at the University of Washington in Seattle, USA on 17th June-6th July, 2018.
- Prof. Dr. Asad-ur-Rehman Khan, Chairman presented his paper in "9th International Conference on Fibre-Reinforced Polymer (FRP) Composites in Civil Engineering (CICE 2018)" at Paris, France, on 16th-21st July, 2018.
- Dr. Sadaf Qasim, Associate Professor attended "International Conference on Civil, Offshore & Environmental Engineering (ICCOEE2018)" at Malaysia, on 13th-17th August, 2018.
- Prof. Dr. Muhammad Shafqat Ejaz, Professor attended "Capacity Building Training Workshop on Technical Writing under ACIAR Groundwater Management Project" at Islam-



abad, on 27th-31st August, 2018.

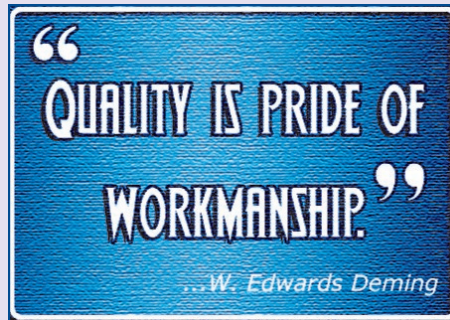
- Dr. Huma Khalid, Associate Professor, successfully completed her Post-Doctoral studies from University of Manitoba Canada, and joined the department in August 2018.
- Prof. Dr. Abdul Jabbar Sangi, Professor visited University of Engineering & Technology, Lahore as PEV/Expert for the Re-accreditation of Civil Engineering Program on 11th-13th September, 2018.
- Prof. Dr. Abdul Jabbar Sangi, Professor participated in "International Seminar & Workshops on Seismic Performance and Health Assessment of Structures" as "Speaker" at National University of Sciences and Technology (NUST), Islamabad, on 18th September, 2018.
- Prof. Dr. Shuaib Haroon Ahmed, has joined the Department of Civil Engineering as JPC Chairman.



Environmental Engineering



- Prof. Dr. Asif Ahmed Shaikh, Chairman of the department is attending "109th National Management Course (NMC)" from 13th August to 14th December, 2018 at National Management College, Lahore.
- Dr. Atif Mustafa, Co-Chairman & Associate Professor of the department has attended a workshop on "Waste and Energy (Biomass)" on 27th September, 2018, organized by United Nations Industrial Development Organization, Islamabad.
- Dr. Atif Mustafa, Co-Chairman & Associate Professor of the department has attended the "9th International Conference on Waste Management and the Environment" from 16th -21st September, 2018 at Spain.
- Dr. Atif Mustafa, Co-Chairman & Associate Professor of the department has attended the "Meeting of the Selection Committee, Planning and Development Department, Government of Sindh" on 13th August, 2018.
- Prof. Dr. Asif Ahmed Shaikh, Chairman of the department has visited "Quality Assurance Agency (QAA) at Higher Education Commission, Islamabad" from 2nd-3rd August, 2018.



- Prof. Dr. Asif Ahmed Shaikh, Chairman of the department has arranged a training program on "How to start a new Masters/Ph.D. Program as per HEC Guidelines" in July, 2018 at the University.
- Prof. Dr. Asif Ahmed Shaikh, Chairman of the department has arranged a training program on "Quality Management System" from 1st-3rd August, 2018 at the University.
- Prof. Dr. Asif Ahmed Shaikh, Chairman of the Department has arranged a training program on "Importance of Feedback" on 20th July, 2018 at the University.
- Dr. Mehmood Ali, Associate Professor of the department has attended the "Public Hearing of Environmental Impact Assessment (EIA) Report for Drilling of KEKRA-1, Exploration Well in Offshore Indus Block-G" Organized by Pakistan Environmental Protection Agency (PAK-EPA), Government of Pakistan on 12th September, 2018 at Regent Plaza Hotel and Convention Centre, Karachi.
- Dr. Mehmood Ali, Associate Professor of the department has attended the "Stakeholders Coordination meeting with regards to World Environmental Day" on 12th July, 2018 at Hotel Mehran, Karachi.

Mechanical Engineering



- Dr. Muhammad Uzair, Assistant Professor has joined the department after completion of PhD from the Auckland University of Technology, New Zealand.

- Dr. Muhammad Ehtesham-UI-Haq, Assistant Professor has joined the department after completion of PhD from the University of Malaysia, Pahang.

Architecture & Planning



- The department conducted Tree Plantation activity at NED City Campus on 31st August, 2018. The event was spon-

sored by DUAA, Dawood University Alumni Association in connection with the concept of Green Pakistan.

Materials Engineering



- Two groups of final year students have participated in DICE Virtual Innovation Competition 2018, held on 6th-10th

August, 2018 and won 3rd and 4th prizes. The event was organized by NED Entrepreneurship Society.

Automotive & Marine Engineering



- Dr. Noman Uddin Yousuf, Assistant Professor recently rejoined the department after completing his PhD from Auckland University of Technology (AUT), New Zealand. At AUT he was a PhD scholar in the Department of Mechanical Engineering and his thesis topic was "Utilization of

waste heat energy from an internal combustion engine for tri-generation". His research involved utilizing the exhaust waste heat from an automobile engine to run a refrigeration system resulting in an increase energy efficiency of the fuel.

CCEE



The department offered following certified course:

- Three Months certificate course on "Certified Software Engineering Professional & Certified Web Engineering Professional" commenced on 15th July, 2018.
- Three Days certificate course on "Inventory Management & MRP" was conducted on 16th-18th July, 2018.
- One Day certificate course on "Organizational System & Behavior" was conducted on 30th July-3rd August, 2018.
- One Day certificate course on "Supply Chain Risk Management" was conducted on 4th August, 2018.
- Three Months certificate course on "Android App Development" commenced on 4th August, 2018.
- Three Days certificate course on "Managing the Maintenance Department" was conducted on 9th-11th August, 2018.
- Three Days certificate course on "Maintenance, Operation

& Control of Industrial Plant" was conducted on 29th-31st August, 2018.

- Two Months certificate course on "Web Engineering (PHP)" commenced on 31st August, 2018.
- Six Weeks certificate course on "Certified Project Management Professional & Certified Associate in Project Management" commenced on 2nd September, 2018.
- Two Months certificate course on "Certified Construction Project Management Professional" commenced on 2nd September, 2018.
- Four Weeks certificate course on "nD Building Information Modeling" commenced on 7th September, 2018.
- Three Weeks certificate course on "Computer Aided Project Management with primavera P6" commenced on 7th September, 2018.
- Four Months certificate course on "Certified Supply Chain Professional" commenced on 16th September, 2018.

Directorate of Industrial Liaison (DIL)



- The department arranged eight On-Campus Recruitment Drives for fresh graduates/graduating students and also shared Job Placement forms/CV's, Graduate Directories/Posting of Job Flyers at NED-DIL website and on Departmental Notice Boards. 103 Industries have been facilitated for the job placement activity by the department.
- 10 Industrial / Study Visits were arranged for the students.



- 34 Final Year Projects were shared with students/teaching departments.
- 1133 Internships, (500 Self & 633 on Merits), were arranged during vacations.
- The department arranged a Six Sigma Webinar on 31st July-2nd August, 2018. Mr. Ali Zulqarnain, Assistant Professor, department of Industrial & Manufacturing Engineering conducted the session.





- The department in collaboration with the Economics & Finance Club (TEFC), organized a mock seminar on 'Smart

Investors in Stock Marketing PSX 2.0' on 9th August, 2018. Mr. Talha Kabadia was the Guest Speaker of the session.

Engr. Abul Kalam Library



- Mr. Muhammad Sameem Kardar, Assistant Librarian represented and participated in three days International Conference on "A Journey from UN Millennium Development Goals (MDGs) to Sustainable Development Goals (SDGs): Proactive Role of Librarians" held on 2nd-4th August, 2018. The seminar was organized by Pakistan Library Club (PLC) in collaboration with IFLA






(Asia & Oceania), Special Librarians Association (SLA) Asian Chapter and Goethe Institute Pakistan. The event held at the International Centre for Chemical and Biological Sciences (ICCBS), HEJ Research Institute of Chemistry, University of Karachi. More than 400 Library and Information Science professionals attended the conference.



Department of Student Affairs



The department organized following events in collaboration with various societies & departments:

- The programme NEDMUN V Information Session was arranged on 4th July, 2018 in collaboration with NED Debating Society at Video Conference Hall of Civil Engineering Department. 
- A lecture on International Day against Drug Abuse and the Illegal Drug Trade was held on 9th July, 2018 in collaboration with Higher Education Commission (HEC) at Video Conference Hall of Civil Engineering Department.
- The programme Behind the Lens 2.0 was arranged on 17th July, 2018 in collaboration with NED Photograph Society at Video Conference Hall of Civil Engineering Department.
- A programme "Plantation for Green Pakistan" was arranged on 17th July 2018 in collaboration with Mr. Iqrar ul Hasan (Famous Anchor of Sar-e-Aam TV Show of ARY Channel) at NED Main Auditorium and students of NED planted the plants at various place of NED University gifted by Sar-e-Aam TV Show Team. 
- The Event Mega Project Exhibition & Robotic Competition-MPERC was held on 18th-19th July, 2018 by SENTEC Society at Main Auditorium and project exhibition at Fountain Area. 
- A Blood Donation Camp was set up by Indus Hospital in collaboration with Medical Department on 1st-2nd August, 2018 at NED Old Administration Building.
- The programme Independence Day Celebration was held

on 13th August, 2018 by NED Green Society at Main Auditorium.

- The programme Pakistan Tallest National Flag in any University was held on 14th August, 2018 in which the Flag Hoisted by worthy Vice Chancellor of NED University at Main Convocation Ground. 
- The programme "Reading Yousufi - A Narration Contest to Celebrate the Life and Works of Mr. Mushtaq Ahmed Yousufi" was held on 20th August, 2018 by Literacy & Publication Society.
- A Solidarity Rally with Pakistan Armed Forces on Defence Day was arranged by the department on 5th September, 2018 from NED University to Safari Park, University Road in which students of NED & various officials' from Police, Ranges and Highway Police walked to show solidarity. 
- The programme Plant for Pakistan was held on 18th September, 2018 by Telenor Pakistan in collaboration with Directorate of Work & Services.
- Peace Day Championships with the title All Karachi Peace Sports Fiesta 2018 under the instruction of Higher Education Commission was arranged on 25th-26th September, 2018.
- Table Tennis (Boys), Squash (Boys) Championships organized, where teams from Habib University, Ilma University, Virtual University participated in both Championships. The team from NED University won both the Champion Trophies. 