



NED University of Engineering & Technology

Quarterly Newsletter

Vol. 8 (2)
Apr - Jun' 19

Second issue of QEC Newsletter of the year 2019 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 developments and advancement in the University. Your esteemed feedback and valuable comments are always appreciated for further development and improvement of this Newsletter.

Activities of Quality Enhancement Cell

News published in bimonthly HEC "News & Views" May-June' 19

Two news were published in bimonthly HEC News & Views for the issue of May-June' 19.

- ◆ Self-Review: Institutional Performance Evaluation and Review of Masters and PhD Programmes at NED University of Engineering & Technology.



- ◆ Seminar on Practices of Quality Assurance in HEI/Universities.

2nd International Conference on Quality Assurance in Higher Education

Prof. Dr. Asif Ahmed Sheikh, Director QEC and Dr. Muhammad Wasif, Dy. Director QEC attended 2nd International Conference on Pakistan Network of Quality Assurance at Higher Education (PNQAHE) and annual general meeting on 23-25 April, 2019 at University of Education, Lahore.



Meeting of Heads of QECs at HEC

Prof. Dr. Asif Ahmed Shaikh, Director QEC attended the meeting of Heads of Quality Enhancement Cells (QECs) from 8-9 April, 2019 at Higher Education Commission, Islamabad.

THANK YOU

FROM:
TEAM—QEC NEWSLETTER

<https://qec.neduet.edu.pk/>
Newsletter.qec@neduet.edu.pk



Department of Automotive & Marine Engineering

"Quality is everyone's responsibility."

-- W. Edwards Deming

Mrs. Zenat Anjum is a graduate of the department who has been selected as youngest TechWomen Fellow 2019 globally by the United States (US) department of State's Bureau of Educational & Cultural Affairs.

In 2017, she coined a venture of Digiwrite as a community startup which got shortlisted for Facebook's program #SheMeansBusiness.



Department of Civil Engineering



Prof. Dr. Abdul Jabbar Sangi, attended “The 8th Civil Engineering Conference in the Asian Region” organized by Asian Civil Engineering Coordination Council (ACECC) held on 16-19 April, 2019 at Japan.

Prof. Dr. Syed Imran Ahmed, attended workshop in collaboration with Pakistan Poverty Elevation Fund (PPEF) on 15th April, 2019 at Lasbela University of Agriculture, Water & Marine Sciences, Uthal, Balochistan.

Dr. Farrukh Arif, Associate Professor delivered presentation project on “Integrated Immersive Visualization for Infrastructure” at Mass DOT Transportation Innovation Conference, 9-10 April, 2019, MA, USA. This was a collaborative project between AI Engineers Inc. USA and NED University Virtual Reality Centre.



Dr. Farrukh Arif, Associate Professor was invited as the guest speaker at “Autodesk Futures’ Forum” on 2nd May, 2019 at Marriott Hotel, Karachi for delivering presentation on “BIM for Virtual Reality and Progress Monitoring” where the capabilities of BIM were discussed through the projects related to Progress Monitoring and Immersive Visualization that have been conducted under his supervision. NED Virtual Reality center’s team also exhibited VRC in-house developed models on the virtual reality systems to give the flavor of what being immersed in an interactive environment feels like. The team exhibited the ongoing projects at NED Virtual Reality Center on the screen for the visitors.



Prof. Dr. Rizwan Ul Haque Farooqi, Co-Chairman, delivered a technical presentation on “BIM for Value Management in Projects – Case from Pakistani Construction Industry” for International VM Conference held on 28-30 June, 2019 at Hong Kong.

Engr. Abul Kalam Library

Engr. Abul Kalam Library, organized a seminar titled “Reading: A Nonstop Journey” to celebrate World Book and Copy Right Day on 25th April, 2019 in collaboration with Pakistan Library Club (PLC). Prof. Dr. Muhammad Tufail, Pro-Vice Chancellor was the Chief Guest of the event, while other distinguished guests made the day memorable for the audience.



Friends Corner was inaugurated in the Book Bank on 25th April, 2019 by Prof. Dr. Muhammad Tufail, Pro-Vice Chancellor accompanied by other respectful guests. A large number of donated books



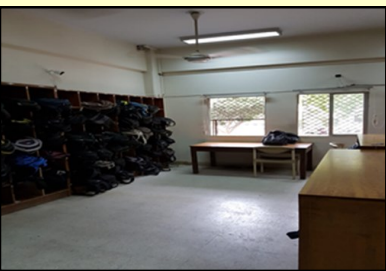
- ◆ Mr. Muhammad Farooq Khan and Mr. Muhammad Imran Khan, Assistant Librarians attended the World Book & Copy Right Day in Karachi University on 23rd April, 2019.
- ◆ Mrs. Huma Sardar, Ag. Librarian and Ms. Nazia Sami, Assistant Librarian, attended the World Book & Copy Right Day in the city campus, organized by the Architecture and Planning Department on 23rd April, 2019.

- ◆ Mrs. Huma Sardar, Ag. Librarian, Mr. Muhammad

Farooq Khan, Ms. Asma Anjum and Mr. Muhammad Sameem Kardar, Assistant Librarians attended the World Book & Copy Right Day organized by Suffa University, DHA, Karachi on 24th April, 2019.

related to engineering and allied subjects are displayed at the Friends Corner. Students and staff of the University can get books of their interest free of cost.

A separate bag counter facility for the library users have been started at the main entrance of the Library. Library users can now deposit their bags while entering in the Library.



Department of Biomedical Engineering



A seminar on entrepreneurship was held on Tuesday 25th June, 2019 arranged by a group of final year students of Biomedical Engineering Department under the patronage of Mr. Yousuf Ali Mehmood, at L.E.J Campus, NED University of Engineering and Technology. Two successful entrepreneurs were invited to share their experiences, knowledge and ideas about how to become successful entrepreneur.

Mr. Syed Abdul Basit

Having 11 years technical and commercial experience in IT & Telecom industry, launched innovative products and services. Worked as a Partner Manager at Microsoft Pakistan, Technical Account Manager at Nokia Pakistan and Service Management Consultant & Product Marketing Specialist at Unified Communications. Awarded "Product Champion" for Nokia Life and played a key role in launching 3 VAS for Ufone Pakistan, i.e. Background Music & Live Cricket Commentary, Collect Call, and Notify Me. He has also conducted Hackathons with 300 developers to publish more than 350+ apps for Nokia & Microsoft within a month. Managed more than 35+ Mobile Apps and mentored 50+ startups across Pakistan.

Mr. Subhan Sharif

Another entrepreneur was Subhan Sharif who practices proactiveness and innovation to his personal and professional life. A lifelong learner, he has completed his graduation from University of Karachi, also achieved trainings from Manchester College Of Professional Studies in Information Technology Manchester UK, Central School of Professional Studies in Business Administration, London UK and Pakistan Institute Of Tourism And Hotel Management, Karachi, PK. He also holds the proud honor of achieving a scholarship from University of Oxford.

They further shared their experiences and hardship encountered during their journey. They guided the students on what to look for during their initial period of start-ups and how to tackle the mind set of customer. They further guided on how to reach the customer at the right time and right place.



The seminar was half daylong and at the end Chairman, Biomedical Engineering Department distributed memento of appreciation to the invitees and certificates were distributed to students who enrolled for the seminar.

Department of Environmental Engineering

- ◆ Prof. Dr. Asif Ahmed Shaikh, Chairman attended two days activity for Institutional Performance Evaluation (IPE) - Self 2019 as External Evaluator from 18-19 June, 2019 at Sindh Madressatul Islam University, Karachi.
- ◆ Prof. Dr. Asif Ahmed Shaikh, Chairman attended 34th Selection Board Meeting as Expert Member on 13th June, 2019 at Sindh Madressatul Islam University, Karachi.
- ◆ Prof. Dr. Asif Ahmed Shaikh, Chairman attended Selection Board Meeting as Expert Member on 1st June, 2019 at Dow University of Health Sciences, Karachi.
- ◆ Prof. Dr. Asif Ahmed Shaikh, Chairman attended the Meeting of Board of Faculty (BoF) as External Member on 15th April, 2019 at Sindh Madressatul Islam University, Karachi.
- ◆ Prof. Dr. Asif Ahmed Shaikh, Chairman attended the Meeting regarding Score Card of QEC from 1-2 April, 2019 at Higher Education Commission, Islamabad.

- ◆ Dr. Mehmood Ali, Associate Professor has been awarded NRPJ Project by the Higher Education Commission titled "Solar Biomass Dryer to Enhance Calorific".
- ◆ Dr. Atif Mustafa, Associate Professor & Co-Chairman has prepared a research paper titled "Appraisal of Process Safety Management Practices in Refining Sector of Pakistan" from ISP work. This paper has been published in Process Safety and Environmental Protection Journal (JCR Journal).

*"Quality is the best
business plan."*

--John Lasseter

Department of Computer & Information Systems Engg.

Ms. Nuzhat Sana student of final year has won the Testing Competition in Women Tech Quest held at 10pearls. The Testing Competition presented with a set of objectives to test their database and automation concepts, challenging their technical skills to refine requirements and identify problem areas in applications. It is a mix of test case writing, UI/UX testing, database testing, and API testing. The competition was held on 20th April 2019.



The department organized two days' workshop on 26-27 June 2019 in collaboration with Silicon Valley based startup SiFive. On the first day the workshop focused on speaking sessions by industrial experts and training on the SiFive high performance hardware. A hackathon was arranged on the 2nd day of workshop in which participants performed software programming based on Sifive processing hardware.

Mr. M. Hassan Najeeb, Mr. Usman Abbas, Mr. Omer Asif, students of final year won data science Hackathon organized at the Institute of Business Administration (IBA). It was the first event of its kind in Pakistan with 30 hours long data Hackathon in which 28 teams comprising over 100 students from 12 universities across Pakistan competed to promote the use of machine learning to bring social innovation. The winning team was awarded an amount of Rs 100,000 along with a paid internship for one of the team members at the head-quarter of Inqline, the event's sponsor, in New York City. The data science Hackathon was held on 21st April 2019.



Department of Economics & Management Sciences



The Seminar on Marketing Research was held on 27th June 2019 by the department. Dr. Syed Faheem Hassan Bukhari working as Assistant Professor of Marketing at IQRA University, Karachi was invited as the speaker. The purpose of the seminar was to make students learn and understand about the marketing and advertisement research and current trends practiced by advertising agencies in Paki-

stan specifically in the field of advertising research. The seminar was attended by the faculty members of Department, Final Year Students of BS (Management Science), Third Year Students of BS (Economics & Finance) and BS (Management Sciences). An interactive questions and answers session was followed by a token of appreciation; presented to Dr. Syed Faheem Hassan Bukhari by Dr. Raza Ali Khan, Chairman.



The Seminar on Information Technology in Research was held on 11th April 2019. Mr. Afzal Ahmed working as Assistant Professor of Marketing & Management Information System at SZABIST, Karachi was invited as the speaker. The purpose of the seminar was to make students learn and understand about the importance of technology in the areas of business intelligence systems, eCommerce and Computer Graphs meaningful for businesses. The seminar was well attended by the faculty members of Department, all students from BS (Management Science), and BS (Economics & Finance). Seminar was ended with Q&A session and token of appreciation was presented to Mr. Afzal Ahmed by Dr. Raza Ali Khan, Chairman.



Department of Architecture & Planning

The Heritage Cell of the department in collaboration with ICOMOS Pakistan and Endowment Fund Trust for the Preservation of Heritage of Sindh (EFT) observed the 'International Day of Monuments and Sites' (IDMS) on 18th April, 2019. This year the theme of IDMS was Rural Landscapes thus a site visit to the rural site of "Fateh Bagh Graveyard" in Tando Muhammad Khan, District Badin was scheduled. The main focus of visit was to promote cultural

awareness about its significance as well as its vulnerability. The global commemoration of the IDMS and joining by a number of professionals drove attention towards the need of conserving these monuments as the national cultural identity of our nation. The excursion was joined by a good number of heritage conservationists, practicing architects, students from various architectural universities, DAPNED faculty members and their kids, professionals from EFT.



The Archives of Department of Architecture and Planning, initiated and organized the World Book Day on 23rd April 2019;



to promote the love of books, readings and libraries in the youth and professionals of today. It was an open to public event which was widely attended by literary figures, school students and journalists catering to people of all ages. The world book day 2019 begin with a short introduction of the event along with a documentary on DAP-NED Archives and Library by Ms. Saadia Bano, Co-ordinator of world book day 2019.

Students of Architecture & Planning Department participated in event arranged by BAE-IAP Title "Meet the Honored" on 22nd April 2019 at Karachi Gymkhana. An interactive session with the legendary architects of Pakistan

who have received State Honors for an inspiring dialogue with students of Architecture. Twenty students from 2nd, 3rd and 4th year attended the session under supervision of Assistant Professor, Ms. Sarah Ather Khan.

The Faculty members of Development Studies Program organized an event title "Journalism as Career Option" on 9th April, 2019. Event conducted by Ms. Mahim Meher from Samaa TV.

Students participated in IAPEX 2019 organized by Institute of Architects Pakistan from 19-21 April, 2019. During the four day workshop the students were engaged in a cross disciplinary extensive design where they were paired in mixed school batches so as to enhance their engagement with their peers.

Students of Final Year, visited to Molecule Furniture Showroom on 18th April- 2019 under the supervision of Dr. Suneela Ahmed, Assistant Professor. The objective of the visit was to create awareness and understanding among the students about exposure of furniture industry.



In the same event student of the department carried an interactive design activity at their stall to have maximum interaction between visitors, professionals and students. The main objective of the exercise was to express various feelings, moods and emotions on a building skin.

Department of Food Engineering

A lecture on 'Six Sigma and its implementation in industries' was delivered to the Third Year and Final Year students by Mr Fawad Qureshi, Assistant Technical Manager at Dalda Foods Pvt. Ltd. on 18th April, 2019.



Ms. Samar Tabassum, Regulatory Specialist at Mondelez International, delivered a lecture on 'Application, compliance, check and harmonization of food regulation and legislation', held on 28th June, 2019.



A lecture was delivered by Mr. Aurangzaib, Manager Quality Control at Sure Bio Diagnostic and Pharmaceutical on 30th April, 2019. He briefed the students about 'Community Service Orientation'.

Department of Humanities

The students of Undergraduate BS English Linguistics Programme arranged a session on "Plantation for better Future" under the Community Service Course held on 25th June, 2019 conducted by Mr. Tofiq Pasha Environmental Activist and Abdul Jabbar Qazi, Conservator of Forest Social Forestry.



Eight Final Year students of BS English Linguistics batch 2015-2016 presented their small-scale research papers at International Conference of Department of English Language and Literature (ICDELL) UMT, Lahore held on 6-7, April, 2019 as part of Research Methodology course conducted by Mr. Muhammad Asim Khan, Assistant Professor.

This type of exposure develops students' confidence, help improve research skills and enable them to enter the network of researchers across national boundaries.



Ms. Hina Mohammad Ali, Lecturer participated in a Two-Week (15-26 April, 2019) Training program on Academic Writing for Publication organized by the Learning Innovation Division-HEC and Regional English Language Office - US Consulate in Islamabad. The resource person for the training was Dr. Ivan Eubanks from the United States. Academic Writing for Publication was designed for early-career lecturers and researchers. The primary objective of the training was to foster the faculty's' abilities to prepare their work for publication in peer-reviewed, English-language venues. The faculty cultivated their familiar-

ity with the conventions of written, academic English in their respective disciplines. Throughout the training, the faculty took part in workshops, contribute to discussion sessions, collaborate with peers, and review each other's work in order to put the knowledge they acquire into practice.



The Department of Humanities organized a Seminar on "Rethinking the Scope of Psychology in Language & Education" held on 17th April, 2019 at CIS Lecture Hall, NED University conducted by three Speakers: Dr. Qudsia Tariq, Dr. Sobia Aftab and Ms. Rahila Huma Anwar.

HUMANITIES DEPARTMENT PRESENTS

Seminar: "RETHINKING THE SCOPE OF PSYCHOLOGY IN LANGUAGE AND EDUCATION"

GUEST SPEAKERS:

1. Dr. Qudsia Tariq
2. Dr. Sobia Aftab
3. Ms. Rahila Anwar

Major Themes of the Seminar:

- Positive Psychology: Attitudes change everything
- Role of emotions in teaching and learning
- Depression and anxiety management techniques for university students

Event Co-ordinators: Ms. Mahwish Arif and Ms. Hina Ali

VENUE: CIS Lecture Hall

DAY, DATE AND TIME: WEDNESDAY 17TH APRIL, 2019 2:00-4:00 PM

Directorate of Industrial Liaison

The directorate shared Job placement forms/ CV, Graduate directories/ Posting of Job flyers at NED-DIL website and on Departmental noticeboards. 26 industries have been facilitated for the job placement activity.



Study Visit of Textile Sciences students at Feroze 1888 (HUB)

11 Final Year Projects letter were shared with departments.

47 Industrial / Study visits were arranged.



Distribution of Internships Certificates at PEC KAMRA.

1413
Internships,
were
Arranged
Self: **306**
Merit: **1107**

Centre of Continue Engineering Education



Eight weeks certificate course on "Advanced Course on Industrial Relations (IR) & Labor laws" was conducted on 7th April to 5th May, 2019.

Two weeks short course on "Production & Broadcast" was conducted on 15th April to 3rd May, 2019.



One days short course on "Industrial Wastewater Treatment" was conducted on 20th April, 2019.

Ten weeks short course on "Computational Fluid Dynamics" was conducted on 22nd April to 1st July, 2019.



Four days short course on "Six Sigma - Green Belt" was conducted on 2nd to 5th May, 2019.



Five days certificate course on "Certified Procurement Management Professional - Batch 4" was conducted on 8-12 April, 2019.

Three months certificate course on "Android App Development" started from 29th June, 2019.

Three days short course on "Introduction to Pressure Vessels based on ASME VIII Div. 1 and API - 510" was conducted on 23-25 April, 2019.



Department of Student Affairs



The event Behind the Lens (BTL-3.0) was held on 16-17 April, 2019. The event was arranged by NED Photography Society in collaboration with the department.

The event Beyond the Horizon was held on 9th April, 2019 by The Nedian's Forum Society in collaboration with the department.



A Free Style Debate Competition was held on 18th April, 2019. The event was arranged by NED Debating Society in collaboration with the department.



The programme Women Empowerment was held on 23rd April, 2019 at Video Conference Hall, Civil Engineering Department by NED Girls Affairs Society in collaboration with the department.



Indus Blood Donation Drive was held on 26-27 June, 2019 at two different places of NED University by Indus Hospital in collaboration with the Medical Department.

The programme Fulbright MS & PhD Scholarship was held on 3rd April, 2019 arranged by United State Education Foundation in Pakistan in collaboration with the department.

"Quality is not an act. It is a habit."
-- Aristotle

Department of Urban & Infrastructure Engineering

The department resumed its Alumni Lecture Series in the month of June with its First Lecture on “Application of GIS in Urban Engineering”. The Lecture was presented by Dr. Arjumand Zaidi on 21st June, 2019. The lecture was attended by Students of Third Year. The students showed their keen interest in the study presented by Speaker and also taking GIS as their Final Year Project.

The Second Lecture was conducted on the topic of “Design of Retaining Wall” by Dr. Sohban Khan online from USA. Dr. Sohban is regional Structural Engineer in USA. The Lecture was held on 24th June, 2019 and attended by First Year students. Dr. Sohban discussed the structural design of retaining wall also covering the Geotechnical aspects of the Design as per ACI 2013 Design Code.

The 3rd and last lecture of Series 3.0 was organized on the topic of “Construction Contracts”. The Lecture was presented by “Mr. Nadim Akhter” Head of Construction Department, Agha Khan University Hospital, Karachi; to elaborate the Construction Contracts use in Industry. The Lecture was attended by students of Final Year and Faculty Members of the department.

Department of Polymer & Petrochemical Engineering

An informative session initiated by Mr. Nadir from IGS society Student Chapter of NEDUET was held on 28th April 2019, where a brief presentation regarding geosynthetics, its origin, its application primarily for the students of PPD department and a thorough discussion on geomembranes was conducted.

Students gave a favorable response to the idea of ge-



omembranes and showed enthusiasm towards conducting research in this particular field and linking it to their primary base of specialization.

Medical Department

A series of training sessions were conducted in Medical Department to engage and train students for community services. These sessions were held in the months of April, May and June, 2019.

“Quality is more important than quantity. One home run is much better than two doubles.”

-- Steve Jobs

Indus Blood Donation Drive was held on 26-27 June, 2019 at two different places of NED University by Indus Hospital in collaboration with the Department of Students Affairs.