



NED University of Engineering & Technology

Quarterly Newsletter

Vol: 8 (04) Oct-Dec' 2019

Fourth 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.

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TEAM—QEC NEWSLETTER



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Inauguration of Thar Institute of Engineering, Science & Technology (TIEST)



Muhammad Tufail, Pro Vice Chancellor, Prof. Dr. Raza Mehdi, Principal TIEST and Mr. Ghazanfar Hussain Registrar were also present during the occasion. At the inauguration Mr. Bilawal Bhutto Zardari said that “on the demand of the people of Tharparkar, the NED University Campus was opened in Mithi and now the graduate students can get education from this University and would be able to get jobs in various field from this desert region”. Thar

NED University has established its constituent college namely; “Thar Institute of Engineering, Science and Technology”, at Mithi, Tharparkar. Thar Institute of Engineering, Science and Technology was inaugurated by Mr. Bilawal Bhutto Zardari, Chairman, Pakistan People’s Party along with Syed Murad Ali Shah, Chief Minister, Sindh on 24th October, 2019. Prof. Dr.

Institute of Engineering, Science and Technology is established with an aim to provide the people of Thar with access to higher education in their area. Initially, BS Programme in Computer Science is launched and as per the academic year, the classes have already commenced. Students from various cities of Sindh have been admitted in the Institute.

NED International Alumni Convention - 2019

The NED International Alumni network organized the NEDIAN International Alumni Convention 2019 on 28-29 December 2019. The festivities kicked off on 27th December 2019, when a picnic was arranged for the alumni and their families at the Bahria Town Karachi. A welcome dinner was organized at the old campus of the University. More than 500 NED Alumni from all around the world, including, Chief minister Sindh, Murad Ali Shah also attended the Welcome Dinner; followed by Qawwali Night. The main Convention Day started with the seminar arranged at the main auditorium on 29th December, 2019. During the seminar, the Japanese’s High Commissioner was among the dignitaries who were part of the panel. The Vice Chancellor, Prof. Dr. Sarosh H. Lodi thanked the participants and also emphasized the role alumni can play in the development of the Alma Mater. The main event of the Convention was Gala Dinner. Dr. Muzna Ebrahim was host of the ceremony in which more than 5000 alumni and their fami-



lies participated. Followed by the welcome speeches, tributes were paid to the outstanding NEDIANS who have left for their eternal journeys. The first phase of the program ended with note of thanks by the Vice Chancellor of NEDUET Dr. Sarosh H Lodi. Following the speeches and tributes, dinner was served, in which participant’s not only enjoy their food but also had a chance to meet and greet. After dinner, live performance by Atif Aslam was kicked off which lasted for two hours.

28th Convocation of NED University of Engineering & Technology



28th Annul Convocation - 2019 of NED University of Engineering and Technology was held on 7th December, 2019. The Federal Minister for Education was the chief guest while Chancellor of NED University, Governor of Sindh, Imran Ismail chaired the Convocation. The successful students who were awarded degrees in the Convocation included 2113 graduates, 843 masters and 13 PhD degrees. Speaking on the occasion, Shafqat Mehmood said that the present government has firm resolve to give due status to engineers. He said that "it was encouraging to know that 40 per cent of the total successful graduates in this Convocation are female engineers".



NED Women Conference 2019



The NED University of Engineering & Technology organized its first women conference on 20-21 December, 2019 titled 'NED Women Conference: Perceiving Women Empowerment in a Changing Global Scenario'.

The conference was inaugurated by Retired Justice Nasira Iqbal and features several prominent speakers including Dr. Masuma Hasan, Barrister Shahida Jamil, Senator Rukhsana Zuberi, senior architect Yasmeen Lari, Haseena Moin, Noorul Huda Shah, Farhat Ishtiaq, Dr. Spenta Kakalia, Maria Wasti, Sana Bucha, Huma Amir Shah and Dr. Hina Hussain Kazmi. In his remarks, Prof. Dr. Sarosh Hashmat Lodi, the Vice Chancellor of NED University, said that the institution wanted to empower women of younger generation and shared statistics of female students and faculty which were reflective of a good gender balance.

Prof. Dr. Noman Ahmed, Dean (ISH) appreciated the idea of organizing the conference and hoped that it would encourage women to become more vocal for their rights, share information and build networks.

Activities of Quality Enhancement Cell



Prof. Dr. Asif Ahmed Shaikh, Director QEC attended '1st International Seminar on THE University Rankings' organized by The University of Lahore in collaboration with Punjab Higher Education Commission (PHEC), Provincial Ministry for Higher Education, Punjab and Times Higher Education (THE) on 24th October, 2019. NED University of Engineering & Technol-



ogy has achieved global presence in the Times World University Ranking. Director QEC, NED University of Engineering & Technology received a Certificate of Appreciation from Mr. Shafqat Mahmood, Federal Minister, Ministry of Federal Education and Professional Training in presence of Mr. Raja Yasir Humayun Sarfraz, Provincial Minister for Higher Education, Punjab.

International Conference on Quality Assurance System, Standard and Policies: Issues and Challenges organized by HEC Pakistan in collaboration with the Department of State USA & USEFP on 4-5 December, 2019. Vice Chancellor, Prof. Dr. Sarosh H. Lodi, Director QEC, Prof. Dr. Asif Ahmed Shaikh and Deputy Director QEC, Dr. Riaz Uddin represented NED University of Engineering & Technology in the conference.



Chief Guest, Dignitaries and Distinguished speakers including President of Pakistan, Dr. Arif Alvi, Federal & Provincial Ministers of Education, Science & Technology, Information Technology, Defense Production & Youth Affairs, US Ambassador, Chairman & ED HEC, Vice Chancellors & Director QEC of Various Universities, Intellectuals, Quality Assurance Experts and Eminent Professors from USA, UK, Italy, Sri Lanka, India and Pakistan.

Department of Software Engineering



Department arranged an official visit at SIEMENS on 12th December, 2019 for ten third year's students along with two faculty members, regarding assignment of different projects by SIEMENS.



Dr. Najmi Ghani Haider, Chairman and Dr. Raheela Asif received award of letter of commendation as recognition for outstanding merit displayed in the return of research publication by NEDAASC on 24th December, 2019.

Dr. Kashif Mehboob and Dr. Maria Andleeb have become part of Ph.D faculty after receiving their doctorate degree in NED university convocation 2019 held on 7th December, 2019.

A Series of workshops organized related to Software Engineering and new development technologies by course teacher Mrs. Zainab Fatima in the department. A student feedback document was also maintained using Google docs for PEC website. First workshop was held on 22nd November, 2019. The topic was "MVC based web application development" related to course content topic "Component based software Engineering". The trainer was senior software engineer from well renowned software house "Folio 3".



Department of Civil Engineering



Prof. Dr. Asad-ur-Rehman Khan, Chairman along-with Prof. Dr. Abdul Jabbar Sangi, Professor visited Department of Structural Engineering, Tongji University, Shanghai, China on 17-23 November, 2019.



After elevation of Prof. Dr. Asad-ur-Rehman Khan as Dean (CPL), Prof. Dr. Rizwan Ul Haque Farooqui taken charge as the Chairman of the Department. He is also holding charge of Director General, NED Academy.



Dr. Muhammad Aslam Bhutto along-with laboratory staff visited the PPL Gas Field Sui, Balouchistan on 5th December, 2019 in connection with the structural assessment of the Cooling Towers at the Purification Plant. He held meeting with the PPL Managers and collected data/samples for the assessment.

Dr. Haider Hasan, Associate Professor, attended Workshop on Big Data and Cloud Computing (BigC 2019) on 19-21 December, 2019 at LUMS, Lahore.

Prof. Dr. Abdul Jabbar Sangi, Professor, attended 2nd International Conference on Sustainable Development and Civil Engineering as Keynote Speaker on 5th December, 2019 at Mehran University of Engineering & Technology, Jamshoro. Prof. Rizwan Ul Haque Farooqui, Co-Chairman along with Prof. Dr. Amanullah Marri, Professor also attended ICSDC-2019.

Dr. Farrukh Arif, Associate Professor conducted change of scope (Increase of Intake) visit for B.E (Civil) Program as an Convener and Expert of Civil Engineering on 2nd November, 2019 at Quaid-e-Awam University of Engineering, Science and Technology (QUEST), Nawabshah.



The honorable Vice Chancellor, Dr. Sarosh H. Lodi awarded Vimageneering (Virtual Imagination for Engineering) Apprenticeship Program certificates to the students and graduates of different universities on 23rd December, 2019, along with Dr. Farrukh Arif, Director NED VR Center and Mr. Ghazanfar Hussain, Registrar, NED University. The students joined and completed their Vimageneering Apprenticeship in 2019 at different times during the year. Students were mentored to conceptualise ideas and convert it into Virtual Reality applications. The students from NED, PAF KIET, FAST-NUST and other universities participated in the ceremony.



Dr. Farrukh Arif conducted OBA Based re-accreditation visit as PEV/Expert for B.Sc. Civil Program of the University College of Engineering Sciences and Technology, Lahore, LEADS University, Lahore on 2-3 December, 2019.

Dr. Farrukh Arif, Associate Professor presented paper titled "Assessment of Low-Cost Housing Barriers, Materials and Technologies" for the Annual Symposium of the Pakistan Engineering Congress on 26th December, 2019 at PC Hotel, Lahore.



Prof. Dr. Abdul Jabbar Sangi, Professor, conducted re-accreditation visit for B.Sc. Electrical, B.Sc. Civil & B.Sc. Mechanical Engineering Programs as Team Leader / Expert on 24-27 November, 2019 at University of Engineering and Technology, Lahore (Norowal Campus).

Prof. Rizwan Ul Haque Farooqui and Dr. Muhammad Aslam Bhutto along-with Mr. Abdul Wahab, Director Procurement conducted 5-days' Certificate Course on "Certified Procurement Management Professional" in October & November 2019 organized by NED Academy in collaboration with the SPPRA.

Dr. Farrukh Arif, Associate Professor conducted 3-Day "OBE System Design" Training for non-engineering programs organized by Quality Enhancement Cell on 28-30 October, 2019.



Dr. Muhammad Aslam Bhutto visited Quaid-e-Awam University of Engineering, Science & Technology (QUEST), Nawabshah on 30th December, 2019 as an IPE Expert to share and review the initial draft of IPE report of the QUEST Nawabshah. He reviewed the documents; held consultation sessions with the Dean (QEC), Director (PG Studies), Registrar and Director (P&D) and finally held meeting with the Vice-Chancellor QUEST.



Dr. Farrukh Arif, Associate Professor delivered Guest Lecture titled "Application of Immersive Visualization in Civil Engineering" at Baluchistan University of Information Technology, Engineering and Management Sciences" Quetta on 16th December, 2019.

Prof. Dr. Shuaib Haroon Ahmed, JPC Chair, gave presentation to Naya Pakistan Housing Authority (NPHA) on 8th October, 2019 at Prime Minister Secretariat, Islamabad.

Dr. Haider Hasan, Associate Professor, attended Scientific Conference organized by COST Action AGITHAR on 6-10 October, 2019 at Malta.

Mr. Shoaib Ahmed attended International Workshop on Mobilizing Youth and Young Professionals in Disaster Risk Reduction through International Collaboration on 6-8 December, 2019 at Sichuan University, Chengdu, China.

Department organized a talk on "Design & Construction for City Infrastructure" by Mr. Salman Ibrahim Makhtoom on 14th November, 2019.

Prof. Dr. Abdul Jabbar Sangi, Professor, conducted OBA Based re-accreditation visit as Team Leader / Convener for B.E Civil and B.E Electronics Program(s) of Quaid-e-Awam University of Engineering, Science & Technology on 2-4 October, 2019 at Nawabshah.

Industry Advisory Board Meeting of Department of Civil Engineering was held on 31st October, 2019 at the Departmental OBE Cell to present and discuss CQI Data and analysis for the Batch 2015-16.



Mr. Shoaib Ahmed, Assistant Professor, attended Second National Conference on Science, Technology, and Innovation for Disaster Risk Reduction (STI4DRR), UKM-Malaysia. The conference was held on 15th October, 2019.

Department of Industrial & Manufacturing Engineering



The department arranged a guest session on "Supply Chain Management with SAP", held on 20th December, 2019. Dr. Nasir Iqbal, an expert from USA in Supply Chain Analysis was the guest speaker. Industry representatives and students of Post-graduate and Under-graduate programs were the participants of the session.



A meeting with Hunar Foundation was held on 19th December, 2019 in the department. The purpose of this meeting was to develop the strong relationship between Academia and Industry and different options of collaboration were discussed in the meeting. Co-chairman, Dr. Maqsood Ahmed Khan, Senior faculty member, Mr. Ali Zulqarnain, Head of Operations, Mr. Zahid ul Islam and Mr. Nabeel Zafar, Head of Academics & Quality Assurance from Industry were the participants of the meeting.

PhD. Scholars Muhammad Salman, Mr. Tahir Mumtaz, Mr. Ali Zulqarnain and Mr. Irshad Ullah submitted their PhD. proposals after conducting PhD. seminars.

3rd meeting of Industrial Advisory Board was held on 23rd December, 2019. Meeting was chaired by the Chairperson of the Board, Prof. Dr. Syed Amir Iqbal and attended by the nominated faculty members along with the Industry Representatives of the Industrial Advisory Board.



Department of Humanities



Prof. Dr. Sajida Zaki, Chairperson was invited as subject expert to the Selection Board meeting at FAST- NU on 14th Nov, 2019.



Dr. Sajida Zaki, Chairperson was invited as a guest speaker for Research Methodology at the School of Army Air Defence, Malir in December, 2019. Earlier, she was invited to speak at the Seminar on “Language Planning and Policy” organized by the College of Languages and Literature and Culture at Ziauddin University.



Dr Sajida Zaki was invited to speak at the Panel Discussion on “Innovations in teaching ELT in the developing world” at the 35th Annual ELT Conference” organized by SPELT in October, 2019. BS and MS students of the department along with faculty members presented their research studies at Research SIG-session.

Students of BS English Linguistic organized a community service activity “Let’s decorate Cowasjee School” under the guidance of Mr. Muhammad Hassan on 2nd December, 2019; for creating awareness about English Language learning and to welcome English-Access Microscholarship Program students at their orientation ceremony.



Department organized a two days training “SPSS hands on Data Analysis for Research and Publication in Applied Linguistics” by Dr. Syed Tehseen for faculty members and postgraduate students on 5-6 November, 2019.

A two days’ workshop titled “Teaching Academic and Creative Writing” conducted by Ms. Maria Hassan, Assistant Professor (IBA) along with Mr. Muhammad



Hassan Abbasi, Faculty member on 21-22 November, 2019 for BS English Linguistic students and Faculty members. The workshop enhanced the academic, critical and creative abilities of the participants.

Students of BS English Linguistics under the leadership of Faculty members Ms. Hina Muhammad Ali and Mr. Muhammad Hassan Abbasi celebrated “International Human Rights Day” by organizing essay writing competition, poster competition and showcasing different documentaries on the violations of HR on 12th December, 2019.



The students of BS English Linguistics along with Faculty members, Mr. Muhammad Hassan and Ms. Hina Muhammad Ali initiated a “Reading Club” on 8th November, 2019. The reading club promotes reading culture and is open to all the NEDians, where they can pick a book to read.

Department is pleased to announce the launch of the two year funded program - English-Access Microscholarship Program with the collaboration of the US Consulate at the Cowasjee School. A training session was held at the department on 23rd November, 2019.

Mr. Muhammad Hassan Abbasi conducted One day workshop “Genre Approach to Writing” on 25th November, 2019 at Iqra University.





Engr. Abul Kalam Library



The library organized Annual Book Fair on 4-5 November, 2019 near the University Auditorium at main campus; inaugurated by Honorable Pro Vice

Chancellor Prof. Dr. Muhammad Tufail. Deans, Chairpersons, HoDs, Faculty Members, Library Officers, Staff and other dignitaries were also presented on this occasion. Twenty Three leading Book Trade Professionals and others set up their stalls in the Book Fair. The Book Fair covered all major subjects related to Engineering, Sciences, Technology and Social Sciences.

Ms. Naveen Ali, ITM-SS conducted multiple sessions on "Web of Sciences" for final year Students in different teaching departments of the University. Sessions were warmly welcomed by the faculty and students of Urban, Civil, Petroleum, Automotive and Industrial & Manufacturing Engineering Departments.



Ms. Huma Sardar, Ag. Librarian alongwith Syed Basit Ali, Deputy Librarian and Ms. Nazia Sami, Assistant Librarian



Library Officials visited Karachi International Book Fair (KIBF) held on 9th December, 2019 at Expo Centre. The event was jointly organized by Pakistan Publishers Book Sellers Association and KIBF.

A Special Training for Library Officials was arranged by the Quality Enhancement Cell of the University on "Information Literacy Standards for Science & Technology / Engineering", held on 18th November, 2019 at the library. Dr. Khawaja Mustafa, Librarian at the Aga Khan University Library, Karachi conducted the training session.



Ms. Huma Sardar, Ag. Librarian along with Ms. Asma Anjum, Ms. Nazia Sami & Mr. M. Sameem Kardar, Assistant Librarians attended the "National Symposium on Archival Heritage of Pakistan" held on 17th October, 2019 and workshop on "Physical & Digital Techniques for Archives" held on 18th October, 2019. The event was organized jointly by Bait-ul-Hikmah, Hamdard University and National Archives of Pakistan.



Ms. Naveen Ali, ITM-SS attended the Training Session on HEC Digital Library E-Resources "Web of Science" held on 14th October, 2019. The session was conducted at L.E.J, ICCBS, University of Karachi.



The library organized Orientation Sessions for newcomer batch 2019-2020 on 16th October, 2019 at the main auditorium of the University. Five sessions of audio visual presentation were arranged for the students.

Training sessions for IEEE for Undergraduate students of CIS & CSIT Department were held on 9th December, 2019 at the Digital Library, where students were made aware of the resources. The session followed by the quiz offered by IEEE. The sessions were conducted by the consultant of A&J DEFTEK.



Mr. Rashid Ahmed and Mr. Muhammad Khurram Shafi, Assistant Librarians visited the Book Fair organized by Hamdard University, Karachi on 16th October, 2019.

The library participated in the University Carnival held on 11th October, 2019 and set up its stall.

Department of Computer Science & Info. Technology



Dr. Shariq Mahmood Khan, Associate Professor Successfully completed course titled "Higher Education Teacher's Training" in December 2019.



Dr. Saman Hina, Associate Professor moderated a session "Increasing women participation and contribution in health and home" on 20-21 December, 2019 in NED Women Conference organized by the department.



Training on using AR VR applications in teaching was conducted by Dr. Najeed Ahmed Khan, Associate Professor on 13th November, 2019. A complete demonstration of each feature of the AR VR applications has been presented to the faculty members from various departments.



Dr. Najeed Ahmed Khan, Associate Professor and Dr. Muhammad Mubashir Khan, Associate Professor received Best Paper Award and Best Teacher Award respectively from NED Alumni Association of Southern California on 24th Dec, 2019.



Dr. Shariq Mahmood Khan, Associate Professor arranged IT and Data Communication Training held on 30th September to 11th October, 2019 in HUAWEI Lab at CSIT department.



Dr. Muhammad Umer Farooq, Assistant Professor and Dr. Waseemullah, Lecturer received Ph.D. Degree in NED university convocation 2019 held on 7th Dec 2019.

Dr. Saman Hina, Associate Professor trained a group of faculty members on course "Higher Education Teaching and Learning", completed in December, 2019.

Department of Chemistry



Department arranged an invited Talk "Quality Management" on 29th October 2019 by S. Iffat Zahra, Head of Tech App/R & D/Country System Manager, Archroma Pakistan Limited.



Invited Talk by Mr. Taha Saeed, Senior Manager, Business Management & Sales, BASF, Pakistan, Pvt. Ltd. on 'Resume Writings, Customization of CV & Cover Letter' held on 19th November, 2019.

An alumni Session organized for the Undergraduate students of the department on 25th October 2019. Mr. Abdul Samad, Mr. Muhammad Fahad and Mr. Muhammad Azhar from Getz Pharmaceuticals (Pvt) Limited shared their experience.



An Alumni Session was organized on 14th November 2019 for final year students of the Department. Mr. Muhammad Mubbashir from Merck Company Limited shared his experience with the students.



Department of Student Affairs



The programme Orientation & Carnival 2019-20 arranged by the department in collaboration with Students Societies on 11th October, 2019.

The programme Breast Cancer Awareness Session 2019 was held on 5th November 2019 at National Incubation Centre (NIC) Auditorium by Shaukat Khanum Memorial Trust, Medical Department & Girls Affairs Society in collaborations with Department.

In collaboration with NED Debating Society, the NED Debate Cup was held in December 2019.



The Awareness Seminar Typhoid Vaccination Campaign was held on 12th November, 2019 by Health Department, Government of Sindh & The NEDians Forum Society (TNF) in collaboration with Department.



The motivational lecture on Leadership Skills for Engineers was held on 25th November, 2019 at NED Auditorium by Mr. Qasim Ali Shah.

The Blood Donation Camp was setup on 9-10 December, 2019 in NED Premises by Indus Hospital Blood Center & Medical Department in collaboration with Department.

A Seminar on 'Use of Drugs in Educational Institutions' was held on 17th Oct, 2019; arranged in collaboration with Anti-Narcotics Force & The Nedian's Forum Society.



The program 'Yom-e-Hussain (RA)' was held on 24th October, 2019 at NED Auditorium. Arranged in collaboration with the Faculty members and students of the University.

The event TNF Induction Session was held on 30th October, 2019; arranged in collaboration of The Nedian's Forum Society.



The Seminar regarding Higher Studies in United State of America was held on 4th November, 2019 at National Incubation Centre (NIC) Auditorium by Representative of New York University & Clarkson University Society in collaborations with the department.

The students of NED University participated in '3rd All Pakistan Bi-lingual Declamation Contest 2019' which was held on 4th November 2019 at Hayat Girls Higher Secondary School. The event was organized by Hayat Girls Higher Secondary School.

The event Motivational Session and Theater "Raise the Curtain" was held on 6th November 2019 at NED Auditorium by NED SMS Alert Society.



The Blood Donation Camp was setup on 20th November 2019 at NED LEJ Campus by Fatima Thalassemia & Blood Bank in collaboration with the Department.



The Breast Cancer Youth Awareness Programme 2019 was held on 22nd October, 2019; arranged in collaboration with Pink Ribbon, Girls Affairs Society and Medical Department.

A seminar on 'Opportunities Available at Hong Kong Polytechnic University' was arranged by representative of Hong Kong Polytechnic University in collaboration with the department on 4th October, 2019.



The health awareness session on Bone Mineral Density (BMD) & Free check-up of dentistry camp was setup on 4th December, 2019 by Dr. Essa Laboratory and Medical Department in collaboration with the department.

The Seminar regarding Higher Studies in France was held on 31st October, 2019 by representative of French Universities in collaboration with the department.



The Anti-Corruption Walk was held on 6th December, 2019 at NED Premises by Character Building Society,



A training session of Nikon Photography was held on 10th December, 2019 by NED SMS Alert Society (NSA).



The programme on GRE Session was held on 5th November 2019 at National Incubation Centre Auditorium by United State Education Foundation Pakistan in collaborations with Department.

The program NDS Interview Session was held on 31st October 2019 in collaboration with NED Debating Society.



The Blood Donation Camp was setup on 30-31 October, 2019 at NED premises by Fatimid Foundation in collaboration with the department.

Higher Education Commission and National Accountability Bureau in collaboration with the department.

Department of Petroleum Engineering



A technical session on 'Downhole Equipment' was arranged by the department on 11th December, 2019. Mr. AbuBakar from United Energy Pakistan was the guest speaker of the event. Downhole equipment is the most important part when it comes to the production of oil and gas. Students were briefly demonstrated about the equipment which are used subsurface and demonstrated by the pictures of real tools which are used in the industry so that they can observe them.



An interactive session on Surface Production Facilities & Operations in Oil-Gas Industry was held on 31st December, 2019. Mr. Sheikh Mubeen Ashraf, Production Engineer at Mari Petroleum Company Limited was the guest speaker. The session provided information about the fundamentals and principles of the surface production facilities including the production fluid behavior, conditioning, and processing from the wellhead to the transfer of raw and refined petroleum.



A seminar organized by Petroleum Institute of Pakistan 'Future of Petroleum Engineer in Hydrocarbon Industry' on 19th December, 2019. Keynote speaker Mr. Shoaib Farooqui, Business Director Accounts, Weatherford brought the idea to update the curriculum of Petroleum Engineering according to International Standards. People representing industries along with the students of NED attended the session.



A session on Cyber Security and Bug Hunting was presented by Mr. Shahrukh Iqbal Mirza from Seasoned Cyber Security Professionals on 12th December, 2019. This session was concerned with the importance of ethical hacking in the oil and gas industry. This session introduced us to a different dimension of research in the oil and gas industry which is the Cybersecurity 'a small universe in itself and almost unexplored.



Department of Environmental Engineering



Prof. Dr. Asif Ahmed Shaikh, Chairman attended the International Conference on “Promoting Higher Education Quality through Policies, Standards and Practices” on 3-6 December, 2019 at Sarena Hotel, Islamabad.

Dr. Mehmood Ali, Associate Professor presented paper entitled “Engine Performance and Emission Testing using Neem and Jatropha Blended Biodiesel” in the International Conference on Sustainable Energy and Green Technology 2019 (SEGT 2019) on 9-17 December, 2019 at Bangkok, Thailand.



Dr. Abdul Ghafar, Assistant Professor attended “One month Industrial Training” on 18th September to 17th October, 2019 at Global Environmental Management Services (GEMS) Pvt. Ltd., Karachi.

Department of Physics



Mr. Muhammad Miqdad Khan, student of the department participated in All Pakistan D.U.H.S Health Innovation Exhibition 2019 organized by Dow University of Health Sciences and presented his project on 16-17

October, 2019. His project ‘Spectacles for Visually Impaired Persons’ won the 3rd prize in this national-level competition. Around 500 people visited his stall and they appreciated his idea.



Department of Polymer & Petrochemical Engineering



Third International Conference on Advanced Material & Process Engineering was jointly organized by Polymer & Petrochemical, Chemical and Material Engineering Departments on 11-12 December, 2019. 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. The participants had many fruitful discussions that contributed to the success of the conference. Participants from three countries made the conference truly international in scope. These speakers gave high valuable impact to the conference and brought new research ideas to the participants. Around 25 papers and 17 Posters were presented and around 300 participants participated in the conference.



A session on Interview skills was conducted on 3rd December, 2019 by Mr. Bilal khawar, Director HR from International steels limited. He gave different tips to students for the preparation of interview.



A session on industrials waste water treatment and management system was conducted by Mr. Ammad on 15th December, 2019. He discussed the complete process of water treatment in industries and details of the equipment.

Mr. Abdullah Zia from GSK Company conducted a highly interactive session on resume writing, in which he discussed the key points to make an effective resume. The session was held on 22nd November, 2019.

Examination Department



The department organized the Degree Distribution ceremony, prior to Convocation 2019 in the month of December, 2019. Approximate 1800 degrees were distributed within five working days amongst undergraduate and postgraduate

graduates of the University. The honorable Vice Chancellor, Prof. Dr. Sarosh Hashmat Lodi and Pro-Vice-Chancellor, Prof. Dr. Muhammad Tufail were the Chief guests for various days of the ceremony.



Department of Materials Engineering



Dr. Faaz Ahmed Butt, Assistant Professor has resumed the University on 7th October 2019 after successfully completing his Ph.D degree in Material Science and En-

gineering, "Catalyst Development for CO₂ reduction using sustainable sources" from the KOC University, Turkey.

Centre for Continuing Engineering Educations



Department offered following short / certificate courses / Diploma Programmes:

- ◆ 3 weeks certificate course on "Certified Procurement Management Professional - 5" conducted on 4-18 October, 2019.
- ◆ 1 day short course on "Taxation needs Today" conducted on 19th October, 2019.
- ◆ 3 days short course on "Occupational Health & Safety" was conducted on 22-24 October, 2019.
- ◆ 3 months certificate course on "Graphic & Web Design" started on 26th October, 2019.
- ◆ 1 day short course on "How to File & Manage your Tax" conducted on 26th October, 2019.
- ◆ 2 months diploma programme on "Project Management - Module 1" conducted on 28th October to 23rd December, 2019.
- ◆ 2 days short course on "Boiler Safety & Energy Audit to Conserve Energy - 2" conducted on 29-30 October, 2019.
- ◆ 2 months course on "Chinese Language and Business Culture - 2" conducted on 1st Nov. to 20th Dec., 2019.
- ◆ 6 weeks course on "Preparation for IELTS" conducted on 1st November to 13th December, 2019.
- ◆ 2 months diploma programme on "Cyber Security – Module 1" started on 2nd November, 2019.
- ◆ 3 months certificate course on "Software Engineering – Batch 39" & "Web Engineering – Batch 37" started from 3rd November, 2019.
- ◆ 2 months certificate course on "Certificate in Construction Safety" started on 6th November, 2019.
- ◆ 2 months diploma programme on "Reliability Engineering – Module 1" started on 13th November, 2019.
- ◆ 3 weeks Certificate course on "Computer Aided Project Management with Primavera P6" conducted on 15th November to 14th December, 2019.
- ◆ 4 weeks course on "Technical Audits for Textile, Leather & Footwear Industry" conducted on 16th November to 14th December, 2019.
- ◆ 6 weeks course on "Automotive Service Engineer – Batch 2" started on 22nd November, 2019.
- ◆ 2 months certificate course on "Professional Safety Practitioner – Batch 4" started from 1st Dec., 2019.
- ◆ 2 Months certificate course on "Certified Labor Laws Practitioner & Industrial Relations Analyst - Batch 4" started from 1st December, 2019.
- ◆ 3 months certificate course on "Huawei Certified Network Associate (HCNA) Certification – Batch 2" started from 22nd December, 2019.

Medical Department



Breast Cancer Youth Awareness Programme 2019 conducted on 22nd October, 2019 in collaboration with HEC/ Pink Ribbon/ Girls Affair Society.

Department arranged a blood donation camp on 30-31 October, 2019 in collaboration with Fatimid Foundation and Department of Student Affairs.

Breast Cancer Awareness session was arranged on 5th November, 2019 in collaboration with Shaukat Khanum Memorial Trust and Department of student Affairs.

Department arranged a blood donation camp on 9-10 December, 2019 in collaboration with Indus Hospital Blood Centre and Department of Student Affairs.



Student survey to remote area for imparting health education was arranged on 29th October, 2019 at Goth Hazrat Abad, Band Murad Khan, Shahrah-e-Hamard University, Karachi.

A student survey to school of special children in underprivileged area was arranged on 10th December, 2019 at Govt. Special Education Comple, Orangi Town.

Department arranged a health Awareness Camp on Bone Mineral Density and dental checkup by Dr. Essa Laboratory & Diagnostic Centre on 4th December, 2019.

Department of Automotive & Marine Engineering



Department offered a six weeks' Professional Short Course on Automotive Service Engineer started on 15th November, 2019. Course was conducted by Mr. Asif Iqbal Automotive Engineering specialist worked with global OEM, Technical Trainer, Automotive Service Technician, Business Consultant, and Entrepreneur. This



Course is intended to help those whom started their careers in Automotive Service Industry as a Service Engineer, Floor In-charge, Manager Works and Warranty Controller .

Department of Food Engineering



Dr. Tariq Iqbal joined the department as Professor in the month of November 2019. He has teaching and research experience in Food Process Engineering, Food Packaging, Food Powders Handling and Processing, Renewable Energy (Bioenergy) and Agricultural and Chemical Engi-

neering related areas. His PhD research area is Food Packaging (Modified Atmosphere Packaging). Dr. Tariq Iqbal has completed two Post doctorates at USA and Ireland working on Bioenergy and Renewable Energy respectively.

Department of Metallurgical Engineering



Team NED University won the runner up award in T20 Inter-Varsity Cricket tournament 2019. Championship was organized by DHA Suffa University, Karachi

in November to December, 2019. Mr. Mohammad Areeb, third year student of the department was part of this runner up team.



Department of Chemical Engineering



Dr. Zahoor-ul-Hussain Awan, Associate Professor recently achieved the best Research Publication award by NED Alumni Association of Southern California (NEDAASC), USA.

“Quality is the best business plan.”

... John Lasseter

3rd International Conference on Advanced Materials and Process Engineering was organized by the department in collaboration with the Polymer & Petrochemical and Materials Engineering Departments on 11-12 December, 2019. Various foreign speakers from England, China and South Korea participated in this conference.



Department of Mathematics



Department arranged an event on 31st December, 2019 organized by Quants Society named as QMEX which featured a virtual-trading competition (Q-Trade). CEO of Darson Securities Pvt Ltd Mr. Malik Dil Awayz Ahmed and AGM of PMEX Mr. Shoaib Ali Khan visited NED University. In collaboration with PMEX and Darson Securities Pvt. Ltd., the event proved to be revolutionary as after a whole week long competition, students from Management Sciences, Computational Finance, Economics and Finance were educated with the livelihood of stock trading and market analysis.

An industrial visit arranged to Pakistan Stock Exchange, the hub of stock trading in Pakistan on 14th November, 2019; organized by Quants Society for students of Computational Finance. A comprehensive tour of the trading floor was provided by the PSX officials as well as certificates of participation were also distributed among students.



Directorate of Industrial Liaison



WeMyt Pvt. Ltd. In collaboration with the department arranged a SAP Educational Seminar on 14th November, 2019.



Department arranged a guest speaker session in collaboration with PTCL on 30th October, 2019 to facilitate the Student's in final year projects (FYP), offering Internships and providing Future Employment opportunities. Mr. Farhan Wali, Senior Manager, Project Management, PTCL was guest speaker of the session.



Directorate arranged 11 On-Campus recruitment drives for fresh graduates/graduating students and also shared Job Placement forms/CV, Graduate Directories/Posting of Job Flyers at NED-DIL website and departmental no-

ticeboards as well. 161 industries have been facilitated for the job placement activity. In this regards, 66 Industrial & study visits were arranged and 20 final year Projects were shared with students and departments.

Department of Architecture & Planning



The Team Archives conducted a book reading event at the Department on 7th November, 2019. Faculty member and well known social scientist, Mr. Mansoor Raza and eminent writer and educationist, Dr. Asif Farrukhi read some interesting features from their writings. Students from Habib University also get benefitted from this book reading event. At the end of the session, Dr. Asif Farrukhi and his students invited NED students at Habib University to share their book reviews and narrations.



A workshop has been organized in collaboration with NED university and French institute under the umbrella of 'Indus River project on Heritage and Communities: Interdisciplinary research on the legacy related to Uderolal/ Zinda Pir in Sindh and the communities' associated with livelihoods around the Indus River in relation. Field visit to Sukkur-Rohri by Dr. Suneela Ahmed and Fahmida Bano was held on 4-7 October, 2019.

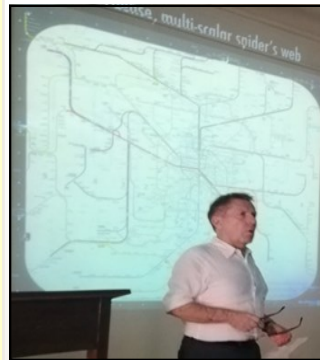


A public Lecture 'Windows into Tomorrow' 12th November 2019 delivered by Visiting Prof. Jacques Levy from Rheims University in Paris on Cartographic Turn: Renewing Mapping to Tackle today's world. Prof Jacques Levy is internationally renowned for his ground breaking work aimed to use mapping to show social and individuals through the use of technology and applications. The lecture was attended by students of the department and it was also open for public. Architects and academics from other institutions also attended.



Public lecture by Prof. Michel Boivin, on 'Communities and Architecture in Sindh, with focus on Hindu, Sufi and Ismaili communities' was arranged on 11th October, 2019. The guest lecture was oriented particularly to forth year students of architecture who study history of the region. It aimed to cover major religious landmark buildings for the communities in the region, particularly in Karachi.

Department arranged a public lecture by Visiting Prof. Jacques Levy on 'The integration of Old Paris with the



Greater Paris' on 15th November, 2019. The lecture was attended by forth and final year students. The content of the lecture presented the economic and urban context of Paris within which the various issues of integration between the Old and Greater Paris were

Workshop on Geometry in Islamic Architecture, by Rizwan Ullah Khan, Head of the Department of Islamic Arts at the Visual Studies Department, Karachi University. The workshop was organized on 26th November, 2019 for the forth year course of AR 411 – History and Theory V.

Ms. Madiha Salam attended a Faculty Development Workshop held on 4-25 November, 2019 at Dawood University of Engineering and Technology. All Architectural Departments of Universities in Karachi attended the workshop.

The lecture was insightful in its knowledge brought to the students studying urban planning and design, presented by a professional academic based in Paris itself.

Department of Electronic Engineering



Dr. Anna Shabbir, Assistant Professor Dr. Sundus Ali, Assistant Professor and Dr. Saleha Bano, Lecturer com-

pleted their PhD from NED University of Engineering & Technology in 2019.