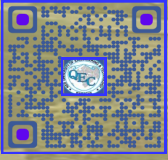




NED University of Engineering & Technology

Quarterly Newsletter



Vol: 10(01) January-March, 2021

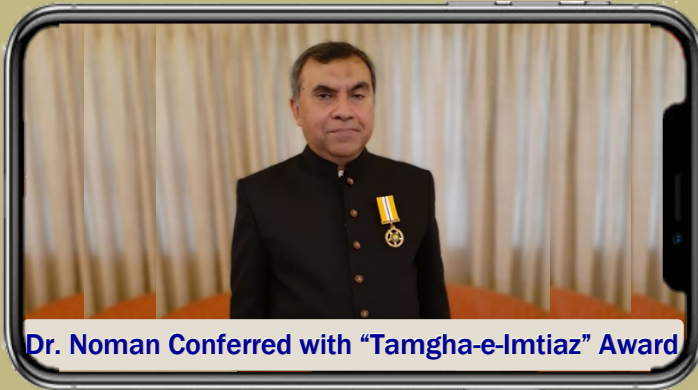
First issue of QEC Newsletter of the year 2021 has been made readably available and accessible to all patrons. The desired objective of this periodic publication is to keep informed patrons about the latest developments and advancement in the University. Your esteemed feedback and valuable comments are always appreciated for further development and improvement of this Newsletter on newsletter.qec@neduet.edu.pk



Inauguration of Centre of ASURE at NED UET



Symposium on Kashmir Day



Dr. Noman Conferred with "Tamgha-e-Imtiaz" Award



Development of Smart Energy Efficient Fans



NED UET participated in "Colours of Thar Festival"



All Pakistan Intersarsity Football Championship





List of Contents

02

Inauguration of Centre of ASURE
at NED University

02

Symposium on Kashmir Day

03

Dr. Noman Ahmed Conferred
with "Tamgha-e-Imtiaz" Award

03

Development of Smart Energy
Efficient Ceiling Fans

04

NED UET and its Constituent Col-
lege participated in
"Colours of Thar Festival"

04

All Pakistan Intervarsity Football
(Women) Championship 2020-21

Quality Enhancement Cell

05

Department of Civil Engineering

06

Department of Architecture & Planning

07

Department of Computer Science & Information Tech.

07

Department of Chemistry

08

Department of Student Affairs

08

Department of Environmental Engineering

09

Department of Mechanical Engineering

09

Department of Economics & Management Sciences

10

Department of Materials Engineering

11

Department of Textile Engineering

11

Engr. Abul Kalam Library

11

Centre of Continuing Engineering Educations

12

Department of Humanities

13

Directorate of Industrial Liaison

14

Department of Food Engineering

14



Inauguration of Centre of Advanced Studies in Renewal Energy (ASURE) at NED UET

Mr. Imtiaz Ahmed Shaikh, Energy Minister of Sindh inaugurated Centre of Advanced Studies in Renewable Energy (ASURE) at NED University on 26th February, 2021. Mr. Imtiaz Ahmed Shaikh appreciated the efforts of NED University in establishing such an advanced centre and providing technical support to the government of Sindh. He assured full support to NED University in extending this centre and helping this university to become a carbon neutral campus. ASURE is a centre of research, testing and consultancy related to renewable energy and providing services to the industry in the field of renewable energy particularly solar panel testing and expanding fields. Prof. Dr. Sarosh H. Lodi, Vice Chancellor briefed about the significance of renewable energy in the present day scenarios and role of academia in bridging the gap between academia and industry. Prof. Dr. Saad Ahmed Qazi, Dean ECE, briefed about the role of NED University in building a clean environ-



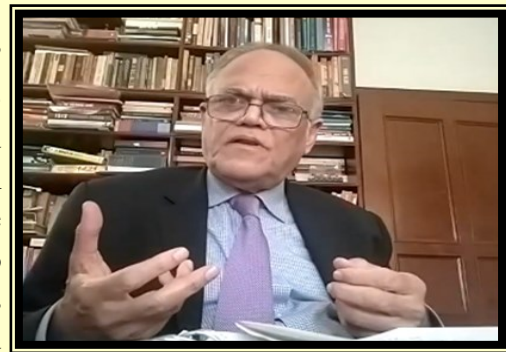
ment. While expressing his views, he said that “NED University is completing 100 years and university is playing a role towards the capacity building”. Dr. Saad also mentioned several projects initiated by NED University towards building a carbon neutral campus. Dr. Muhammad Mohsin Aman, Associate Professor, Electrical Engineering Department is the Director of Advanced Studies in Renewable Energy Centre.

Symposium on Kashmir Day “Understanding the Kashmir Challenge”

To commemorate Kashmir Day and to show solidarity with the people of Kashmir, the Directorate of University Advancement & Financial Assistance, NED University of Engineering & Technology arranged an online Symposium titled “Understanding the Kashmir Challenge”, held on 4th February, 2021. The event started in hybrid mode observing strict SOPs. The speakers of the event were Ambassador Ghulam Rasool Baluch, eminent diplomat, Mr. Javed Jabbar, well-known writer, and former Federal Minister and Brigadier Prof. Dr. Ahmed Saeed Minhas, Pro Vice-Chancellor at DHA Suffa University. Ambassador G. R. Baluch while expressing his views on “Kashmir and For-



eign Policy Challenges for Pakistan” presented his solidarity “Tajdeed Ehad-e-Wafa” with the Kashmiri people and paid homage to Kashmiri martyrs who had sacrificed their lives for the cause of freedom. Mr. Javed Jabbar expressed his views on the topic “Kashmir: Predicaments and promises from people’s perspective”. He told the audience that the suffering of Kashmiris goes beyond 1947 and it had a long history of colonization and barbarism through which the dignity of Kashmiris had been denied. Prof. Dr. Ahmed Saeed Minhas illustrated on “Line of control: past, present, and future”. The speaker told the audience about three types of borders with India that are Line of Control, Working Boundary, and International boundary.



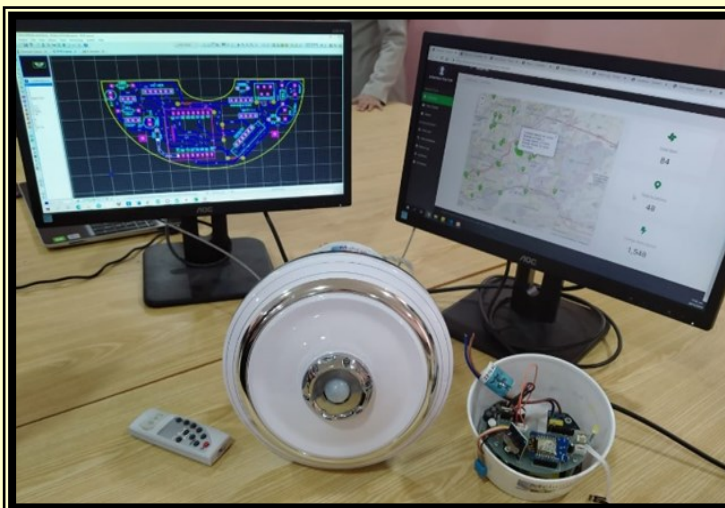
Dr. Noman Ahmed, Dean Faculty of ISH conferred with “Tamgha-e-Imtiaz” Award



President, Islamic Republic of Pakistan conferred the Civil Award, “Tamagha-e-Imtiaz” on Prof. Dr. Noman Ahmed, Dean, Faculty of Architecture and Management Sciences, NED University of Engineering & Technology, Karachi in recognition of his outstanding services and contribution in the field of education. The award was conferred by His Excellency Mr. Imran Ismail, Governor of Sindh on the occasion of Pakistan day on 23rd March, 2021. Prof. Dr. Noman Ahmed is known as one of the leading academics and researchers in the fields of architecture, urban and regional planning and development. He has been instrumental in consolidating the architecture, planning and urban design education in the country. His recent books include ‘Water Supply in Karachi: Issues and Prospects’, published by Oxford University Press in July 2008; ‘The KBA Chronicle: Life and Works of Professor Kausar Bashir Ahmad in Architectural Education and Research’ in 2012; ‘Karachi: The Land Issue’ by Oxford University Press in 2015 and ‘Karachi: From the Prism of Urban Design’ in 2016 by Department of Architecture and Planning. He regularly writes on public policies and developmental issues in the leading newspapers of Pakistan and has contributed over 800 articles in DAWN, The Friday Times, and THE NEWS.

Development of Smart Energy Efficient Ceiling Fans

Prof. Dr. Saad Ahmed Qazi, Dean ECE and his team has developed intelligent fans for home and commercial users that are energy efficient. The project incorporates the idea of bringing an intelligent, energy-efficient, and new generation smart fan technology for the first time in Pakistan through a joint funding by HEC and M/s Mehran Electrons Company. The product is now in commercialization phase. The fan has sensors to monitor the temperature, humidity, and presence of user detection, and through extensive study of usage patterns, automatically adjusts the speed of the fan to provide a comfortable envi-



ronment. The fan connects to Wi-Fi and sends its data to the internet. Other than its automatic operation, the fan can be controlled using a remote or mobile application. The team has also developed an indigenous motor driver design which minimizes the energy consumption and improves the power factor; resulting in low electricity consumption of just 45 W with 0.9 power factor. This is half of the power consumed by conventional fans. A patent about the product has been filed as well. More than 100 fans have been installed across the country. The University is in coordination with different industries to commercialize the product. The project’s reports have already been submitted to HEC.

NED University and its constituent College participated in “Colours of Thar Festival”



NED University of Engineering & Technology and its constituent College, Thar Institute of Engineering, Sciences & Technology, Tharparkar participated in the event of “Colours of

Thar Festival”, held on 19-21 March, 2021 at Marvi Sports Complex, Mithi. The event was organized by the Deputy Commissioner, Tharparkar.

All Pakistan Intersarsity Football (Women) Championship 2020~21



NED University of Engineering and Technology organized the All Pakistan intersarsity football (women) championship 2020-21 on the new FIFA standard synthetic football field under the auspices of Higher Education Commission held on 25-28 February, 2021 at NED University. Twelve teams of various Universities from all over Pakistan participated in the championship, including Benazir Bhutto Shaheed University, Lyari, Karachi, Bhauddin Zakaria University, Multan, Hamdard University, Karachi, Institute of Business

Administration, Karachi, Kawaja Fared University of Engineering and Information Technology, Rahimyar Khan, Lahore College Women University, NED University of Engineering & Technology, Superior University, Lahore, University of Karachi, University of Lahore, University of Punjab, Lahore and Women University, Multan. Chief Guest of the event, Syed Imtiaz Ali Shah, Secretary, Sports Youth Affairs of Sindh inaugurated the opening ceremony and ensured the support of the Sindh government to promote sports in the universities. Guest of honour Vice-chancellor, University of Karachi, Prof. Dr. Khalid Iraqi emphasized on the importance of sports activities in the universities. The Vice-chancellor of NED University, Prof. Dr. Sarosh H. Lodi welcomed the participating teams from all over Pakistan and said that the credit of massive sports developments at the NED University goes to the Chief Minister of Sindh, Engr. Murad Ali Shah; who is a graduate of NED University. Overall, eleven matches were played and the University of Punjab has won All Pakistan Inter-University Football (Women) Championship 2020-21.

Activities of Quality Enhancement Cell



The Certificate Renewal Audit of the NED University of Engineering & Technology was conducted by the team of External Auditors from the Lloyd's Register Quality Assurance (LRQA). The team comprised of senior Lead Assessors of LRQA, Mr. Raheel Ehsan and Mr. Inkesar Hussain, who were accompanied and assisted by the QEC during the audit. The audit of 38 teaching and non-teaching departments was carried out according to schedule prepared with consent of the external auditors. After successful completion of external audit, the NED University of Engineering & Technology has been awarded the Certification of Approval ISO 9001:2015 Standards for another period of three years with effect from 29th December, 2020 to 30th November, 2023.



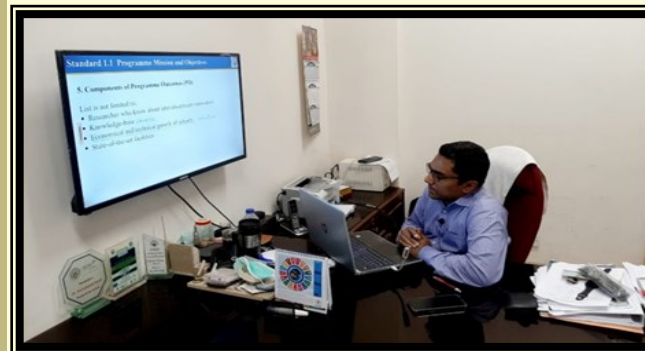
HEC Best University Teacher Award 2021 was awarded to Dr. Muhammad Wasif, Assistant Professor, Department of Industrial and Manufacturing Engineering and Deputy Director, QEC. He was awarded in the 1st Emergent Meeting of 2021 of Academic Council of NED University of Engineering and Technology, held on 19th March 2021. Honorable Vice Chancellor as the Convenor, Pro-Vice Chancellor, Deans of the faculties, Registrar and all the Professors of the University attended the meeting. Pro-Vice Chancellor briefly described the process of HEC Best University Teacher Award to all the members of the Academic Council in detail and highlighted that based on the scoring and scrutiny of the application.

Vice Chancellor along with the Pro-Vice Chancellor and Registrar awarded the achievement to Dr. Muhammad Wasif.

Quality Enhancement Cell (QEC) at NED University organized five days training Program on "IRCA ISO 9001:2015 QMS Auditor/Lead Auditor" for officers and faculty members of the University. The training was held on 15-19 March, 2021. Mr. Raheel Ehsan, Senior Lead Assessor of LRQA conducted this program. After the course participants were evaluated through test. During training ISO 9001 clause requirements, auditor roles and responsibilities, pre and post audit activities, audit scope, audit plan, audit process, team management, conflict management were covered in detail. The aim of the training course was to give awareness to the participants about the Quality Management System ISO 9001:2015



standards and its salient features and the revision adopted by International Organization of Standardization (ISO) and to train the faculty and officers so that they may also perform the responsibilities of internal auditor. Total 30 participants attended the training.



A one day online training on "Development of SAR" for Program Team Members of various programs offered at NED University and its affiliated colleges on 25th February, 2021. The training was conducted by Dr. Muhammad Wasif, Deputy Director QEC. The aim of the training was to give awareness to the participants about the Self-Assessment criteria and its related standards. Dr. Wasif informed the participants that the basic purpose of the self-assessment is to improve the student learning and evaluation. Total 50 participants attended this online training.



Department of Civil Engineering



The 11th International Civil Engineering Conference was jointly organized by The Institution of Engineers Pakistan, Karachi Centre and NED University in collaboration with International organizations and regional universities organized under the theme of "Integrating Innovation & Sustainability in Civil Engineering". The conference previously scheduled on 13-14 March, 2020 was postponed amid pandemic, it was being resumed on 1st April, 2021 in hybrid mode. Limited audience was invited in physical and the sessions were also broadcasted live as ZOOM Webinar in which more than 500 participants participated. The keynote speech of the conference was delivered by Kancheepuram N. Gunalan, 2020 President, American Society of Civil Engineers (ASCE) on the topic "Engineering the Future".

A 7-member team of Third Year students from ACI NEDUET Student Chapter represented NED University at the American Concrete Institute Spring Virtual Concrete Solutions Competition 2021 and won 1st prize in the Most Innovative Design/ Developmental Use of Concrete Category. The ACI Spring Concrete Solutions Competition 2021 was open to ACI Student Chapters from across the globe. Teams were required to submit a YouTube video to demonstrate/ explain how their use of concrete could positively impact the world at large. The top 20 submittals were shortlisted for a live interview with judges during the ACI Virtual Concrete Convention.



"Building Energy Efficiency Simulators (BEES)" a subsidiary start-up of NED VR Center founded by Dr. Farrukh Arif as an outcome of on-going HEC NRPU projects stood at first place as "Outstanding Business Pitch" in Shell Tameer's Virtual Bootcamp 2020. The startup was honoured and awarded at a ceremony held on 10th March, 2021 at National Incubation Center, Karachi.



Dr. Syed Imran Ahmed, Professor delivered a seminar on "Climate Change and Water Availability", held on 25-26 March, 2021 at BUITEMS, Quetta.

4th Industry Advisory Board meeting of Department of Civil Engineering held at on 13th January, 2021. The meeting was attended by all members of IAB in-person and online. The agenda of meeting was "Demonstration of Online Teaching and its Linkage with OBE Assessment." The Chair briefed the board about online teaching and assessment mechanisms in place due to COVID-19. Then, Dr. Farrukh Arif made a formal presentation with detailed overview of Online Academic Delivery and Assessment Policies including SOPs for Online Teaching, Sessional Assessments, Mid-term and End of Semester Examinations, Guidelines for Students on Online System Students Ethics Policy for Online Assessments, Problems/Issues faced in Online Teaching and Assessments, OBE Integration and Attainment.



The official YouTube Channel of NED University Virtual Reality Center was launched on 1st January, 2021. The channel is part of social media strategy designed by Dr. Farrukh Arif, Director, NED VR Center to encourage and engage more people towards scientific and business use of VR. Project showcase, virtual technology abstract, tech-talk and other similar packages are designed to be part of this channel to engage with the masses. Anyone can subscribe to the channel at this link [NED VR YouTube Official](#).

Dr. Abdul Jabbar Sangi, Professor, conducted confirmatory visit for re-accreditation of B.E. Civil Engineering Program at Baluchistan University of Information Technology Engineering & Management Sciences (BUIITEMS), Quetta in compliance to the 95th EAB Decision as Convener & Expert Civil Engineering on 25-28 January, 2021.



Department of Architecture & Planning



A webinar on Understanding the dynamics of slums and informal settlements: Cases from Karachi and Tehran in collaboration with the Center of Excellence in Urban Regeneration and Up-gradation (CEURU), Iran held on 17th March, 2021. CEURU has been established in cooperation with the University of Kurdistan, Tarbiat Modares, Shahid Beheshti and Allameh Tabatabaei universities in 2019. Prof. Dr. Noman Ahmed, Dean, AMS, Dr. Saeed Ud Din Ahmed, Assistant Professor and Engr. Mansoor Raza, Lecturer presented case studies from Karachi. The webinar focused around issues of slums and informal settlements both in Karachi and Tehran. Many interesting similarities were identified and it was resolved that both the countries can learn from each other's experiences in this background. It was also decided to continue to collaborate and to have further collaborative webinars in the near future.



Center of Excellence in Urban Regeneration and Upgrading in cooperation with the Department of Architecture and Planning, NED University, Karachi, Pakistan presents

Understanding the Dynamics of Slums and Informal Settlements: Cases from Karachi and Tehran

17th March 2021 (Wednesday)
14:30 IRST
16:00 PKT
Webinar participation link
<https://meet.uok.ac.ir/ch/art.halls>

Panelists

- Dr. Noman Ahmed, Professor and Chairman, Department of Architecture and Planning, NED University of Karachi
- Dr. Mezzat Sarraf, Professor, Faculty of Architecture and Urban Planning, Department of Architecture and Urban Planning and Design, Sharif University of Technology

Speakers

- Dr. Saeed Ud Din Ahmed, Professor, Department of Architecture and Planning, NED University of Karachi
- Dr. Mansoor Raza, Lecturer, Department of Architecture and Planning, NED University of Karachi
- Dr. Pooja Mansori, Associate Professor, Faculty of Social Sciences, University of Tehran
- Dr. Sara Ahmadi, PhD graduate in urban planning from Tehran University of Art

+998973369771 | ceuru@uok.ac.ir | @ceuru2020 | <https://ceuru.uok.ac.ir>

Department arranged an online workshop on Mapping as Social Ethnography with Dr. Julia King, Cities Programme, Department of Sociology, LSE was held on 12th January, 2021. The Masters of Urban and Regional Planning students engaged with Dr. Julia King, from LSE Cities, London and documented and presented various waste streams from Pakistan, using mapping as a lens of study and analysis.

Department of Computer Science & Information Technology



Center for Software Research and Development (CSRSD) conducted Hands-on training Programs for Professionals, Students and young people. Especially designed trainings for young people (kids) received much appreciation from parents. Two months Short trainings for young people were conducted for Graphics Designing & Video Editing, AR & VR, Advanced Electronics and Robotics in the months of January-February, 2021.



Dr. Saman Hina, Associate Professor has attended an online certification on "Learn from a Cell Press Editor: How to publish in and optimize resources for ground breaking journals by Dr.S.W.Cranford" at Elsevier on 25th February, 2021.

School of Computing at University of Leeds is currently developing an online MSc programme in Artificial Intelligence as part of their digital education. For this purpose, colleagues at University of Leeds were recording interviews with AI experts from academia and industry. Dr. Saman Hina, Associate Professor contributed her knowledge as an expert in the field of Artificial Intelligence via online interview on 25th March, 2021.

Dr. Najeed Ahmed Khan, Co-PI NCAI lab at NED University was a guest speaker in the First Webinar under the NCAI Labs on topic – Use of computer vision for problem solving in local sector of Pakistan in Covid-19 on 28th January, 2021. Webinar was arranged by Criminology Lab NCAI Lahore and Smart City Lab NCAI Karachi.

Center for Software Research and Development conducted Hands-on training Programs especially for school kids of Raast Welfare Society located at Qayyumabad Circular Ave, Karachi during 15th January to 21st February, 2021. More than 25 School kids participated in the training.



Department of Chemistry



The 1st International Industrial Chemistry Conference organized by the department on 26-28 February, 2021. The research presented in the conference was focused on theme “Industrial Chemistry towards Sustainable Future: Growing Together”. The conference was held in hybrid mode in which the opening and closing ceremonies were held at University Main Campus, considering the precautions and SOPs of COVID 19 Pandemic. The virtual three-days’ conference comprised of 14 keynote talks and nine technical sessions dedicated to emerging research trends in the field of chemistry such as nanomaterials, pharmaceutical and environmental chemistry, natural products, catalysts, green approaches, water treatment, industrial sustainability etc. with 72 oral presentations by the delegates from Saudi Arabia, Turkey, USA, UK, Bangladesh, Indonesia, Spain, Egypt and Morocco. There were no registration fee and pants all around the world. The response to the “call for abstract” was overwhelming and about 200 submissions were received for the conference and the response to Shortlisted 155+ abstracts by members scientific review committee from Poland, USA, Cairo and Pakistan were classified into sections according to their impact on the society in the light of UN’s 17 Sustainable Development Goals and their associated 169 targets aim at stimulating action over the next 15 years in areas of critical importance for humanity and the planet. The conference was generously sponsored by Indigo Textile (Pvt) Ltd, Dewan Sugar Mills and Distillery Division, Chem Color International, Metatex, Chemtech International, PASTIC, Technoweld Corporation, Fanara Scientific Company, Bioscientific Services and Higher Education Commission, Pakistan.



Department of Student Affairs



A Seminar on “Drug use in Educational Institutions” was held on 11th March, 2021 at Usman Institute of Technology by Professional Youth Foundation of Pakistan in collaboration with Sindh Rangers & Anti Narcotic Force. Seminar was attended by the Students, Officers and Faculty members of NED University.



The programme TechFest 3.0 was held online on 19-21 March, 2021 by SENTEC Society in collaboration with the Department.



The Laptop Distribution Ceremony was held on 25th February, 2021 at Video Conference Hall, Civil Engineering Department by NED Scholar in collaboration with the Department.



The programme All Karachi Young Leaders Parliamentary Debate 2.0 was held on 20-21 March, 2021 at Marriot Hotel Karachi in which students of NED Debating Society Participated & Win the Price. The programme was organized by Young Parliament & Sports Youth Affairs Department Sindh Government.

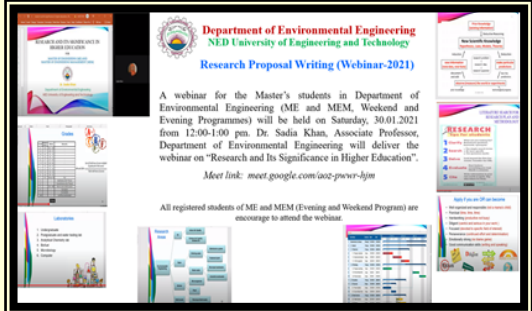
The programme NED Debate Cup 1.0 - The Training Session for Declamation and Conventional Debate was held on 29-30 March, 2021 by NED Debating Society.



Department of Environmental Engineering



Faculty members and students of FUUAST made a visit to the Department on 24th March, 2021. Dr Atif Abdul Ghaffar, Dr. Sadia Khan and Dr. Mehmood Ali, faculty members facilitated visit through orientation, lab visits and the urban forest.



Department organized Research Proposal Writing (Webinar-2021) for Masters students in M. Engg. and MEM Weekend and Evening Programmes on 30th January, 2021. Orientation was conducted by Dr. Sadia Khan and joined by all faculty members and students.



A webinar as part of the guest lecture series was organized by the Department on 19th February, 2021. The title of webinar was “Environmental Site Assessment: An Overview” and was delivered by an NED Alumnus Syed Hassan Ali, Engineering Lead at Tekcellent Pvt Ltd.

Department of Mechanical Engineering



An informative session was conducted by Engr. Mohammad Talha on 10th February, 2021. The brief talk focused extensively on piping systems, codes, and standards, set of fundamental analysis, and applications in large industries. The faculty members participated interactively and a mutual consent on cross-sharing of the expertise was shown.



This insightful webinar organized by IMechE focused on the topic of “Industrial Automation for Mechatronics” and a Q/A session was held on 10th January, 2021. The speaker, Mr. Muhammad Awais, discussed the diverse technicalities of Mechatronic Engineering.

January 10th, 2020
Industrial Automation For Mechatronic
 Electrical & Automation Engineer
 Senior Instructor of Industrial Internet of Things
EXPERIENCE
 6+ Year of Experience in Industrial Automation
 6+ Year of Experience in process, manufacturing, packaging industries, focus areas including Projects, IREAN, Science and Production
Muhammad Awais



IMEchE scheduled an industrial visit of renowned industry ‘Amreli Steels’ on 15th March, 2021 to give the students first-hand experience of what a real engineering field looks like.



Mr. Syed Muhammad Asad Akhter won the best paper award in the 10th International Mechanical Engineering Conference held on 12th February, 2021.

IMEchE society organized a workshop on 31st March, 2021 related to the making of an engine/electric powered RC plane. Through this workshop students were briefed about the event ‘Propellair’ and everything that takes place to construct a well-

functioning and operating RC plane. This workshop encouraged students to participate in the event.



Department of Economics & Management Sciences



The Economics and Finance Club in mentorship of the department faculty Dr. Shahid Iqbal and Mr. Mariam Zehra arranged a seminar “Challenges and opportunities to Islamic finance industry in Post COVID-19 Environment” on 19th February, 2021 in partnership with all leading Islamic banks and Islamic wing of commercial banks under the umbrella of Al – Sadiq Institute. There were five speakers from the industry and touch upon the major areas of the Islamic banking from their area of expertise. The speakers shared the current



number and growth of the industry specially after COVID-19 scenario. Specially the digit growth over the last three decades. The speakers shed lights on how conventional banking and import and export affected during the COVID_19 and how Islamic banking able to survive and thriving the most difficult time period of this era. Mufti Zahid Siraj give a brief overview of Islamic banking and Syed Jawad Hussain explain the details of Riba and interest. The session was concluded by Chairman on appreciating the efforts of Al-Sadiq institute and all the speakers for taking out time for the session.

Professor Dr. Raza Ali Khan, Chairman arranged Recognition and Celebration for Prof. Dr. Noman Ahmed, Dean AMS on receiving Tamgha-e-Intiaz on his contribution in Education sector. Dr. Noman discussed with faculty regarding developing and putting efforts on growing the newly established department and given a message to the faculty to always look for social contribution in their research and teaching and in whatever capacity they can.



Mr. Farhan Ahmed and Ms. Bariya Faizan Lecturers were invited as a resource person to train women entrepreneurs of Pakistan on “Fundamental & Advanced Accounting and Finance for Startups” during 5 days Growth and Fundraising Readiness Training from 22-26 Feb, 2021 organized by NED-BIC, i2i and Village Capital under World Bank Women Entrepreneurs Finance Initiative.



Mr. Muhammad Naeem and Ms. Mariam Zehra Lecturers attended the online complete course of 30 hours on “Strategic Road Map of Islamic Finance and Overview of its Curriculum Development-National Financial Inclusion Strategy, 2023” to provide intensive understanding of Islamic Banking and Finance concepts, background and related Shari'ah principles governing Islamic Finance organized by Sindh HEC in collaboration with Centre for Excellence in Islamic Finance (IBA CEIF). Course was conducted on 9th February to 11th March, 2021.



Dr. Musarrat Shamsir Adnan joined the department as Assistant Professor. She is PhD in Economics, with the research concentration in the area of Financial Economics, from University of Karachi. She has an experience of about 20 years in various academic and management positions in HEC recognized universities. Her research interest is in financial economics, macroeconomics, marketing, and human resource management and is the author of 32 papers, published in international peer reviewed and HEC recognized journals. She has supervised various M.Phil. and five PhD students.

Mr. Farhan Ahmed, Lecturer and International Facilitator of British Council Active Citizens Program (Globally Connected, Locally Engaged) since 2013 was nominated from Pakistan to attend Four Days V-ISV Workshop - Climate Change on 23-24 February and 1-3 March, 2021 organized by British

Council, UK. The workshop was well attended by the Active Citizens International alumni from Afghanistan, Bangladesh, Egypt, Ethiopia, Indonesia, Morocco, Nigeria, Pakistan, Srilanka, United Kingdom and Vietnam.



Department of Materials Engineering



The Department in collaboration with NED Materials Society arranged a certified workshop on 17th March, 2021 in order for students to have command on "Image J", an advanced software specially developed for carrying out a material's quantitative measurements and analysis. Engr. Afia Mazhar, the guest speaker of the event elaborated the concept in a very intelligible way to Third and Fourth year students of the department.

Dr. Muhammad Sohail Hanif, Co-Chairperson attended two days' workshop on Reverse Engineering through International Symposium on Advanced Materials (ISAMPK), held on 15-16 March, 2021 at Islamabad.

Department of Textile Engineering



Dr. Amir Qureshi, Assistant Professor and Dr. Owais Raza Siddiqui, Assistant Professor attended Lead Senior Lead Assessor training course organized by Quality Enhancement Cell of NED University of Engineering & Technology on 15-19 March, 2021.

Dr. Amir Qureshi, Assistant Professor attended Elsevier-HEC Workshop on Journal indexing in Scopus at Higher Education Commission of Pakistan, on 21st January, 2021.

Dr. Quratulain Mohtashim, Assistant Professor received best researcher award of NED University and financial reward of amount of Rs. 100,000/- for having three publications in the year 2020.

Engr. Abul Kalam Library



NED University subscribed two scholarly databases namely EBSCO Host for e-books and JSTOR for e-journals for the period of January to December 2021. Both of the databases have been made available through the Library website for the use of faculty members, research scholars and students of the University.

A batch of 9 students from Petroleum Engineering in fulfillment of required hours dedicated their time to provide community service to the Library. The students were engaged in the library related activities for three days in the month of January 2021.



PASTIC in collaboration with Library and Pakistan Library Club conducted an awareness seminar entitled "Introducing indigenous research resource development by PASTIC" on 22nd March, 2021. The seminar was conducted by Syed Habib Akhter Jaffri, Project Director of PASTIC. Dr. Sarosh H. Lodi, Vice-Chancellor was the Guest of Honor of the event.

By growing of number of donated books, the Library has extended its facility of "Friends Corner" to its remote campuses namely LEJ Campus Library and City Campus Library as well. A large number of donated books related to engineering and allied subjects and also of common interests are displayed there for the use of faculty members and students of the University.

The Library is honored to be the member of Consortium of Science & Technology and Research & Development Libraries of Pakistan (CSTRDLP) of PASTIC. Under the Consortium, the library will share its catalogue data to PakCat, Union Catalogue for resource sharing among the libraries nationwide.

The Library on the request of Chairperson, Humanities Department of the University purchased 330 books for distribution among participants of the courses of the Access Micro scholarship Program at Cowasjee School-NEDUET. The grant was released by US Consulate.



Centre of Continuing Engineering Educations



Department offered following One Year's Postgraduate Diploma Programmes,

- 1) "Business Management – Batch 1, 2 & 3 (Module 1, 2 & 3)" was conducted on 2nd January to 6th March, 2021.
- 2) "Cyber Security – Batch 2 (Module 2)" was conducted on 9th January to 6th March, 2021.
- 3) "Cyber Security – Batch 3 (Module 1)" was conducted on 9th January to 6th March, 2021.
- 4) "Project Management – Batch 2 (Module 2)" was conducted on 11th January to 7th March, 2021.
- 5) "Project Management – Batch 1 (Module 4)" was conducted on 13th January to 7th March, 2021.
- 6) "Textile Management – Batch 1 & 2 (Module 1 & 2)" was conducted on 16th January to 6th March, 2021.
- 7) "Procurement, Contracts & Law – Batch 1 & 2 (Module 1 & 2)" was conducted on 16th January to 6th March, 2021.
- 8) "Occupational Health & Safety – Batch 1, 2 & 3 (Module 1, 2 & 3)" was conducted on 16th January to 7th March, 2021.
- 9) "Supply Chain Management – Batch 1, 2 & 3 (Module 1, 2 & 3)" was conducted on 16th Jan to 7th March, 2021.
- 10) "Reliability Engineering – Batch 1, 2 & 3 (Module 1, 2 & 3)" was conducted on 16th January to 6th March, 2021.
- 11) "Project Management – Batch 3 (Module 1)" was conducted on 16th January to 7th March, 2021.
- 12) "Construction Management – Batch 1, 2 & 3 (Module 1, 2 & 3)" was conducted on 16th Jan to 7th March, 2021.
- 13) "Cyber Security – Batch 1 (Module 4)" was conducted on 23rd January to 7th March, 2021.
- 14) "Procurement, Contracts & Law – Batch 1 & 2 (Module 2 & 3)" started from 9th March, 2021.
- 15) "Textile Management – Batch 1 & 2 (Module 2 & 3)" started from 10th March, 2021.
- 16) "Occupational Health & Safety – Batch 1, 2 & 3 (Module 2, 3 & 4)" started from 11th March, 2021.
- 17) "Cyber Security – Batch 1 (Module 5)" started from 11th March, 2021.
- 18) "Cyber Security – Batch 2 (Module 3)" started from 11th March, 2021.
- 19) "Project Management – Batch 1, 2 & 3 (Module 2, 3 & 5)" started from 13th March, 2021.
- 20) "Supply Chain Management – Batch 1, 2 & 3 (Module 2, 3 & 4)" started from 13th March, 2021.
- 21) "Business Management – Batch 1, 2 & 3 (Module 2, 3 & 4)" started from 13th March, 2021.
- 22) "Reliability Engineering – Batch 1, 2 & 3 (Module 2, 3 & 4)" started from 13th March, 2021.
- 23) "Cyber Security – Batch 3 (Module 2)" started from 18th March, 2021.
- 24) "Construction Management – Batch 1, 2 & 3 (Module 2, 3 & 4)" started from 19th March, 2021.

Department offered following Short and Certificate Courses,

- 1) Four week's course on "Certificate in Engineering Construction & Industrial Plant Insurance" was conducted on 6-27 January, 2021.
- 2) Two Month's course on "Professional / Senior in Human Resources - International (PHRi / SPHRi) - Batch 3" started form 16th January, 2021.
- 3) Two Month's course on "Certified Labor Laws Practitioner & Industrial Relations Analyst – Batch 7" was conducted on 31st Jan to 28th March, 2021.
- 4) Three Month's course on "Android App Development – Batch 7" started form 6th Feb, 2021.
- 5) Two Month's course on "Digital Marketing – Batch 2" started form 13th February, 2021.
- 6) Three Month's course on "Software Engineering using JAVA Programming" started form 13th February, 2021.
- 7) Three Month's course on "Software Engineering – Batch 41 & Web Engineering – Batch 39" started form 14th February, 2021.
- 8) Two Month's course on "Professional Safety Practitioner – Batch 7" started form 21st February, 2021.
- 9) Two Month's course on "Certified Risk Management Professional – Batch 2" started form 5th March, 2021.
- 10) Five Week's course on "Certified Contract Management Professional – Batch 7" started form 7th March, 2021.
- 11) Three Day's course on "Maintenance Management & Operational Excellence – 5" was conducted on 16-17 March, 2021.
- 12) Three Month's course on "graphic & Web Design" started from 21st March, 2021.
- 13) Three Week's course on "Building Information Modeling (nDBIM)" started form 29th March, 2021.
- 14) Three Week's course on "Computer Aided Project Management using Primavera P6" started form 30th March, 2021.



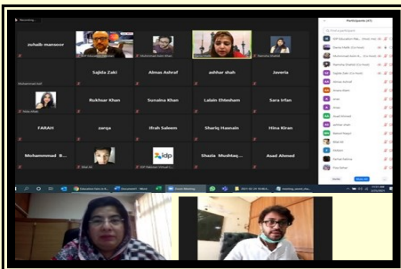
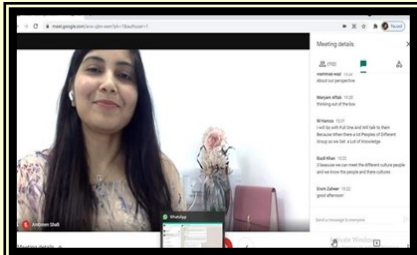
Department of Humanities



Prof. Dr. Sajida Zaki, Chairperson attended the first Advisory Committee Meeting of the Curriculum Review Committee of the Single National Curriculum was held on 1st March, 2021 at the Ministry of Federal Education and Professional Training, Islamabad. Owing to Covid SOPs the advisory members from Islamabad attended the meeting in person whereas those in other cities participated virtually. The Single National Curriculum draft for classes VI to VIII was discussed in detail with experts in different subject areas (mathematics, science, geography, English). Dr. Sajida in the capacity of Curriculum Advisory Member for the subject of English shared her feedback with the members and officials from the Ministry of Education and those attending the meeting.

English Access Microscholarship Programme (2019-21), being implemented by the Department at Cowasjee School in collaboration with RELO Islamabad and US Consulate Karachi, completed its 6th Quarter (Jan- March 2021) with English Language and Global Citizenship education alongside soft and digital skills development of 150 students through a 13-member project team. In this quarter the following notable activities happened under the project:

- ◆ Martin Luther King Jr. Day was observed with a wonderfully planned virtual event.
- ◆ Ms. Ambreen Shafi, TESOL Certified seasoned ELT a graduate of Nottingham Trent University, UK and currently serving as Head of FE College in UK conducted a Training session on Critical Thinking skills on 31st March, 2021.
- ◆ Pakistan Resolution Day, Operation Swift Retort by Pakistan Airforce, Women History Month and events celebrated with special plans including virtual tours, documentaries, guest talks, speeches, presentations, quiz competitions, recitals and creative writing.



Department hosted a seminar on 25th February 2021 in collaboration with IDP Pakistan for students, faculty and

alumni of NED University under the patronage of Prof. Dr. Noman Ahmed, Dean ISH; organized and coordinated by Chairperson and Mr. Muhammad Asim Khan. The IDP team briefed about admission procedure in top universities in Australia, UK, USA, Canada and New Zealand. The online seminar was followed up by a face-to-face education exhibition at Marriot Hotel Karachi by IDP.

Prof. Dr. Sajida Zaki, Chairperson participated in the 3rd International Webinar titled Assessment Drives Language Learning organized by the



English Department, Islamia University Bahawalpur on 20th January, 2021. She presented on the theme Shifting Paradigms: Standards of Language Testing and Evaluation. The webinar was well participated with distinguished national and international academics and researchers delivering talks and presentations that helped explaining the theoretical concepts and applications.

Ms. Almas Ashraf, Assistant Professor, was recognized as one of the High

Performing Alumni in the OPEN Global Online Courses 2020 in the OPEN Virtual



Conference 2021 held on 30th January, 2021 by Evolution in collaboration with the Regional English Language Office (RELO) at US Embassy Islamabad. Ms. Almas completed an 8 weeks course on 'Using Educational Technology in English Language Classrooms'.

Ms. Almas Ashraf, Assistant Professor, organized a series of online workshops for English Language Teachers entitled, 'Exploring the Scope of Teaching English for Academic Purpose for Local ELT' on 24-27 February,

2021. The themes of the workshops included academic reading and writing, academic listening and speaking, teachers' collaboration, formative assessment, and technology integration in language classrooms.



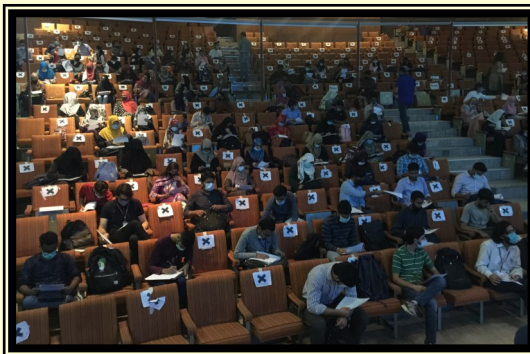
Ms. Mahwish Arif, Lecturer attended multiple workshops and webinars including: HEC Journal Indexation Workshop in collaboration with Elsevier on 21st January, 2021; Proquest training session on Discover HEC Resources using Summon Search and RefWorks on 9th March, 2021; Wiley webinar on Dissecting the Scholarly Publishing Process and Overview & Guidance on Publishing on 2nd January, 2021. She also completed a course sponsored by US Consulate in collaboration with IOWA State University from 12th Jan to 9th March 2021.

Regional English Language Office (RELO Pakistan) at the Public Affairs Section of the U.S. Embassy Islamabad, in collaboration with Evolution organized the 'OPEN Pakistan Virtual Conference 2021' on 30th January, 2021, attended by the English Faculty members of the Department, and postgraduate students of Applied Linguistics.



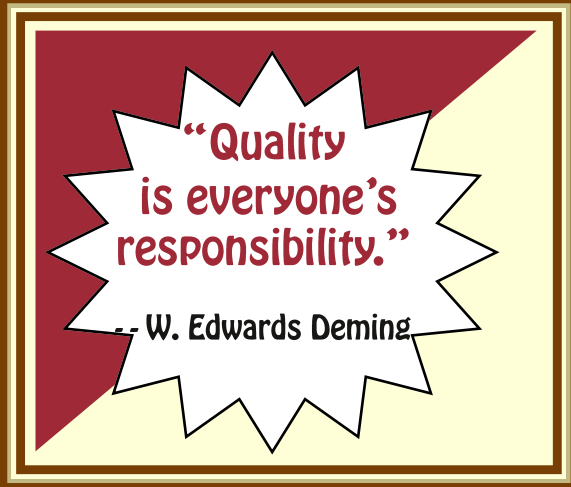
Directorate of Industrial Liaison

Directorate arranged four on-campus recruitment drive for GoodCore Software (Pvt) Ltd., Gatron Industries Ltd., DreamBig Semiconductor Inc and Avanza Solutions (Pvt) Ltd. Fourteen Online Recruitment drive were arranged for PAAPAM, Arbi-soft (Pvt.) Ltd, Salesflo (Pvt) Ltd, ICI Pakistan Ltd, Engro Enablers, Jugnu, Salesflo (Pvt) Ltd, House of Habib, ASTERA, Nestle Pakistan Ltd, GSK, Reckitt Benckiser Health Pakistan, Shan Foods Pvt Ltd, and CGD Consulting Pvt Ltd to facilitate fresh graduates and graduating students.



197 Industries were facilitated for the job placement activities. Students of various departments were facilitated in arranging 735 internship opportunities in different organizations. 14 industrial and study visits were arranged for various groups of students.

Department of Food Engineering



Prof. Dr. Zahoor ul Hussain Awan, Chairman, chaired a session in 1st International Industrial Chemistry Conference. The Conference was organized by the Department of Chemistry on 26-28 February, 2021. The conference was held in hybrid mode in which the opening and closing ceremonies were held at University Main Campus considering the precautions and SOPs of COVID-19 Pandemic.





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Quality Enhancement Cell
NED University of Engineering & Technology

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Electronic copy is available at <https://qec.neduet.edu.pk/Newsletters>

