

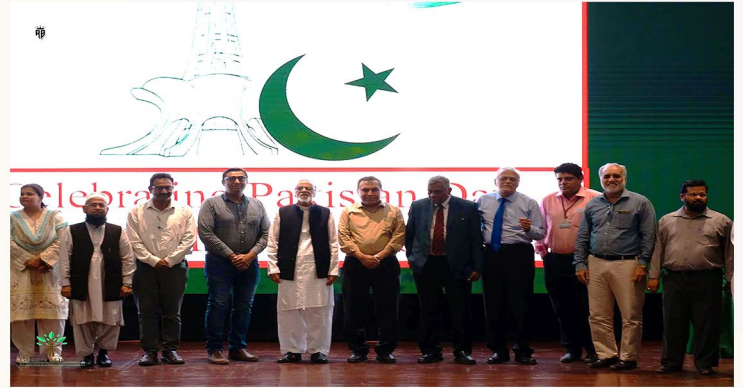


# NED University of Engineering & Technology



## Quarterly Newsletter

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A Quarterly Newsletter of  
Quality Enhancement Cell of NED University of Engineering & Technology  
✉ [newsletter.qec@neduet.edu.pk](mailto:newsletter.qec@neduet.edu.pk) [www.neduet.edu.pk](http://www.neduet.edu.pk)  
Electronic copy of this newsletter is available at <https://qec.neduet.edu.pk/Newsletters>



**First issue of QEC Newsletter of the year 2022 has been made readably available and accessible to all stakeholders. The desired objective of this periodic publication is to keep informed stakeholders about the latest developments and advancements in the University. Your esteemed feedback and valuable comments are always appreciated for further developments and improvements.**

**Newsletter is available on <https://qec.neduet.edu.pk/Newsletters>**



**Visit of Charter Inspection and Evaluation Committee, Sindh HEC at NED University**



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# Visit of Charter Inspection and Evaluation Committee, Sindh HEC at NED University of Engineering & Technology



A visit by Charter Inspection and Evaluation Committee, Sindh Higher Education Commission was held on 7<sup>th</sup> February, 2022 at NED University of Engineering and Technology. The visit was carried out by the CIEC team including: Dr. S. M. Tariq Rafi (Chairman), Charter Inspection and Evaluation committee, Sindh HEC, Engr. Prof. Dr. Samreen Hussain, Member of Sindh HEC, Prof. Dr.

(Assistant) were part of the supporting staff of CIEC, Sindh HEC. Prof. Dr. Sarosh H. Lodi (Vice Chancellor), NED University of Engineering & Technology has presided over the review visit. Amongst other participants were Prof. Dr. Muhammad Tufail (Pro-Vice Chancellor), Prof. Dr. Noman Ahmed (Dean ISH/ AMS), Prof. Saad A. Qazi (Dean ECE), Prof. Dr. Asad-ur-Rehman (Dean CPL), Prof. Dr. Syed Amir Iqbal (Dean MME), Prof. Dr. Asif Ahmed Shaikh (Director QEC and Dean CPE), Dr. Muhammad Wasif (Dy. Director, QEC-I) and Dr. Faaz A. Butt (Dy. Director, QEC-II). A detailed briefing on power point was presented by Dr. Muhammad Wasif, Deputy Director, QEC. Charter Inspection and Evaluation Committee, Sindh Higher Education Commission members were briefed about the latest developments in the University and they also visited various sections and facilities of the University. In addition to this, commemorative coins were also distributed among all CIEC members, subject experts and officials of CIEC. During the concluding remarks, CIEC's team and officials appreciated the measure taken by the University.



Khalid M. Iraqi (Vice-Chancellor), University of Karachi, Prof. Dr. Fateh Muhammad Mari (Vice-Chancellor), Sindh Agriculture University, Tandojam, Prof. Dr. Tauha Hussain Ali (Pro Vice-Chancellor), Mehran University of Engineering and Technology, Jamshoro, Sindh, Mr. Moinuddin Siddiqui (Secretary), Sindh HEC, Mr. Nasir Shah (Director), Quality Assurance Agency, Higher Education Commission, Islamabad and Mr. Noman Ahsan (Director General) CIEC, Sindh HEC. Twenty-two subject experts of various disciplines from different Universities of Karachi, visited the departments of the University and checked the records/ documentations. Mrs. Shehla Memon (Deputy Director) and Mr. Akber Ali Bhutto



# Strengthening Internal Quality Assurance and Progress Review Meeting - Training Organized by QAA HEC at NED University of Engineering and Technology

The progress review meeting and training sessions were carried out on 3<sup>rd</sup> to 5<sup>th</sup> February, 2022 at NED University of Engineering and Technology, Karachi. Prof. Dr. Sarosh H. Lodi (Vice Chancellor), NED University presided the opening session along with Prof. Dr. Muhammad Tufail (Pro Vice-Chancellor) of the University and Mr. Nasir Shah, (Director) QAA- HEC, Islamabad. Amongst other participants were Prof. Dr. Asif Ahmed Shaikh (Director QEC and Dean, Faculty of Chemical and Process Engineering) and his team. Delegates from several universities based in Karachi both public and private joined different sessions and enriched their experiences. On the first day of meeting, two important sessions were held. One was conducted by Dr. Agha Raza on “HJRS & Research Publication Verification” and the other was conducted by QAA-HEC team on “QEC Targets for the year 21-22”, which was followed by Q/A session. Second day was allotted for “Institutional Performance Evaluation” and last day of the meeting was focused on “Yearly Progress Report”. At the end of the sessions, participants were awarded certificates of participation.



## Symposium on Pakistan Day “ Lahore Resolution 1940”

Pakistan Day is the National Day of Pakistan which commemorates the Lahore Resolution passed on 23<sup>rd</sup> March, 1940. In keeping with its tradition of commemorating important days of national significance, University Advancement and Financial Assistance of NED University of Engineering & Technology Karachi arranged a Symposium titled “Lahore Resolution 1940” on 22<sup>nd</sup> March, 2022. The symposium was attended by Chairpersons, Head of Departments, faculty members and a large number of students. The speakers of the symposium were eminent intellectuals, politicians and academicians including, Mr. Javed Jabbar (former Minister for Information), Prof. Dr. Moonis Ahmar (Meritorious Professor, Department of International Relations) and Dr. Muhammad Reza Kazimi (Well-known Writer and Analyst). Mr. Javed Jabbar expressed on the topic “Political Dimensions of Pakistan’s Movement”; whereas, Prof. Dr. Moonis Ahmar expressed his views on “How Lahore resolution became a catalyst for the Pakistan Movement?” and the last topic of the symposium “The Reasons behind the Lahore 1940 Resolution and its Benefits” was illustrated by Dr. Muhammad Reza Kazimi.



Mr. Javed Jabbar expressed on the topic “Political Dimensions of Pakistan’s Movement”; whereas, Prof. Dr. Moonis Ahmar expressed his views on “How Lahore resolution became a catalyst for the Pakistan Movement?” and the last topic of the symposium “The Reasons behind the Lahore 1940 Resolution and its Benefits” was illustrated by Dr. Muhammad Reza Kazimi.



# Ground Breaking Ceremony of Pakistan's First Iconic Football Stadium on the UEFA Standard



the city of light a soccer city. The graceful ceremony was held at the stadium site which was attended by international football legend and official Ambassador of GSV Michael Owen, Prof. Dr. Sarosh H. Lodi, Vice-Chancellor, NED University, top management of GSV and students of the University. Speaking on occasion, Michael Owen said that

NED University of Engineering & Technology and Global Soccer Ventures have held the ground-breaking ceremony of the iconic landmark stadium in Karachi on 26<sup>th</sup> January, 2022. This marks the beginning of construction work on building the first stadium to create the first soccer city stadium in Pakistan. The state-of-the-art stadium to be built on the UEFA standard is influenced and designed by German engineering to develop a series of football infrastructure projects in Pakistan by GSV to make

“Pakistan is the perfect destination for football and the passion of the young Pakistani footballers has no bounds. I am thrilled to be a part of Pakistan’s historic football transformation program, as I look forward to taking football to a whole new level”. Prof. Dr. Sarosh H. Lodi, Vice-Chancellor said that “Building this state-of-the-art stadium in the University is a great pleasure. This will let the students and football players of the city explore the much-awaited opportunities”.

## NED University signed an MoU with Anjuman Taraqqi-e-Urdu Pakistan to embark on project “Bringing Urdu in Digital Age”

NED University of Engineering & Technology and Anjuman-e-Taraqqi Urdu Pakistan signed a Memorandum of Understanding to embark on project “Bringing Urdu in Digital Age”; under which work will be done on optical character recognition (OCR) under the Department of Electrical Engineering and NCL, NED University. MoU signed on 28<sup>th</sup> January, 2022.



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# Activities of Quality Enhancement Cell

NED University conducted its Self- IPE (Institutional Performance Evaluation) Review Visit on 29<sup>th</sup> to 31<sup>st</sup> March, 2022. Mr. Muizz Alam Khan (Director QEC), Iqra University, Karachi was kind enough to spare time and participated in this visit as an External Member. Prof.



Dr. Sarosh H. Lodi (Vice Chancellor), NED University of Engineering & Technology has presided over the review visit. Amongst other participants were Prof. Dr. Muhammad Tufail (Pro-Vice Chancellor), all Deans, Registrar, Prof. Dr. Atta Ullah Khawaja (Chairman, Department of Electrical Engineering), Prof. Dr. Nasir Uddin Shaikh (Controller of Examinations) and Prof. Dr. Asif Ahmed Shaikh (Director QEC and Dean, Faculty of Chemical and Process Engineering). A detailed briefing on power point

was carried out by Dr. Muhammad Wasif (Dy. Director, QEC). Resource Person met with all Chairpersons, Head of the Departments, Faculty members, Undergraduate students, Postgraduate students and PhD Scholars of various departments. In addition to this, Mr. Muizz Alam Khan also visited various classrooms, facilities, laboratories and libraries of the University. Mr. Muizz Alam Khan pointed out the improvements and provided his recommendations for the improvement of higher education quality.



The Self-Review Visit of Masters and PhD Programmes was carried out on 1<sup>st</sup> April, 2022 at NED University of Engineering and Technology, Karachi. The Review Panel (RP) was comprised of Prof. Dr. Muhammad Tufail (Pro-Vice Chancellor) as Convener, Mr. Muizz Alam Khan (Director QEC), Iqra University as Co-convener. Auditee team comprised of Prof. Dr. Asif Ahmed Shaikh (Director QEC and Dean CPE), Dr. Faaz Ahmed Butt (Dy. Director QEC II) and Mr. Shahid Safi (Dy. Registrar Statistics). Auditing teams include Prof. Dr. Syed Amir Iqbal (Dean

MME), Prof. Dr. Mu-bassir Ali Siddiqui (Chairman, Department of Mechanical Engineering and Secretary AS&RB), Prof. Dr. Atta Ullah Khawaja (Chairman, Department of Electrical Engineering), Dr. Muhammad Wasif (Dy. Director QEC I), Syed Muhammad Tariq (Dy. Registrar Academic) and Mr. Irfan Ali (Dy. Registrar Academic). Dr. Muhammad Wasif (Dy. Director QEC-I) briefed the presentation and explained the status of NOC of Masters and PhD Programmes in detail. The Review Panels reviewed the available data/ documents. Interactive sessions were also held with M. Engg/ MS/ MEM/ PhD students and Supervisors/ Faculty members; followed by visits of laboratories, libraries and classrooms of various departments. Mr. Muizz Alam Khan appreciated the efforts of the Quality Enhancement Cell towards assurance of quality education.

Dr. Muhammad Wasif (Dy. Director, QEC) and Dr. Riaz Uddin (Director, ORIC) have represented NED University in EDEX EXPO 2022, held on 26<sup>th</sup> - 27<sup>th</sup> March, 2022 at



Colombo, Srilanka. NED University of Engineering & Technology has placed a stall for fully funded HEC Scholarships for Srilankan students to make them aware about the incredible position of the institution in the country, learning environment, state of the art infrastructure and other facilities of the University. Also represented NED University in a press briefing at High Commission of Pakistan in Colombo, Srilanka.



A Seminar on “Implementation of Modern Tools & Methodologies for QA in HEIs” was held on 10<sup>th</sup> February, 2022. Dr. Muhammad Asif (Director QEC), Ziauddin University, Prof. Dr. Asif Ahmed Shaikh (Director QEC and Dean CPE), Ms. Sanam Soomro (Director QEC), Dow University, Dr. Muhammad Wasif (Deputy Director QEC) were speakers of the seminar. It was attended by Chairperson, Head of the departments and Final Year class advisor.

A training on “Office Management Skills” was arranged for the staff members of various departments on 21<sup>st</sup> & 23<sup>rd</sup> January, 2022. Training was conducted by Dr. Faheem Akhter, Assistant Professor, Department of Economics & Management Sciences.



Training on “Faculty Development Program” was conducted by various Subject Experts. Training was held during 4<sup>th</sup> January – 1<sup>st</sup> February, 2022; attended by forty-five newly appointed faculty members.



PNQAHE 3<sup>rd</sup> International Conference on “Quality Assurance in Higher Education” was held on 8<sup>th</sup> to 10<sup>th</sup> March, 2022 at Shah Abdul Latif University, Khairpur. Prof. Dr. Asif Ahmed Shaikh (Director QEC and Dean CPE) participated as Keynote Speaker; while, Dr. Muhammad Wasif (Dy. Director QEC-I) and Dr. Faaz Ahmed Butt (Dy. Director QEC-II) participated as participants. Prof. Dr. Sarosh H. Lodi (Vice Chancellor) delivered a speech as Guest of Honour at the closing ceremony. Prof. Dr. Asif Ahmed Shaikh has also addressed and given vote of thanks at the closing ceremony.



Prof. Dr. Sajida Zaki, Chairperson, Department of Humanities conducted a training titled “Time & Stress Management” on 1<sup>st</sup> & 3<sup>rd</sup> March, 2022. Training was attended by staff members of various departments.

Training titled “Database Development and Network Administration” was held on 28<sup>th</sup> to 29<sup>th</sup> March, 2022 for the IT Managers. Training was conducted by Mr. Khurram Masood Senior Manager (Network & Hardware) and Syed Imran Mujtaba (IT Manager), IT Department.



Prof. Dr. Nasir Uddin Shaikh, Controller of Examinations, has conducted a training titled “Duties and



Responsibilities of Invigilators & Examiners” for the newly appointed faculty members. Training was held on 22<sup>nd</sup> March, 2022.





# Department of Petroleum Engineering

SPE NED Student Chapter has arranged a guest lecture titled “Future of Fossil Fuels & Climate Change” on 29<sup>th</sup> March, 2022. The lecture was delivered by Mr. Sarmad Siddiqui (Head of field development and reservoir modeling), Pakistan Petroleum Ltd. He shared his views about climate change and its effect in the energy industry and future of fossil fuels in the global energy mix as well as explained Pakistan's objective to move towards clean energy by 2030.



Department has signed a Memorandum of Understanding with Sprint Oil & Gas Services Pakistan on 30<sup>th</sup> March, 2022. The MoU aims to provide a concrete foundation for the collaboration in the areas of academia, research, industrial and technical activities. The MoU will be beneficial in strengthening the academia - industry linkages.



# Department of Urban & Infrastructure Engineering



A technical workshop on “Towards Sustainable Solution of Traffic-related Problems in Karachi” was organized on 5<sup>th</sup> March, 2022. The presenters were included experts from transportation engineering and road safety and it was attended by more than hundred students, professionals and researchers. The audience was briefed on various concepts including sustainable transport systems, road safety, mass transit and congestion management. Indus Motors Company Ltd. was the sole sponsor of the event.

# Department of Telecommunications Engineering

A seminar on “High-level Overview of different stages of IC development” was organized by the department on 24<sup>th</sup> March, 2022. Mr. Shabbir Halai was the speaker of the session. He has an extensive industry experience in



Integrated Circuits development from concept to commercialization. Shabbir lives in San Diego, California and is committed to democratize access of semiconductor technology for the developing countries including his native country of Pakistan.



In line with launching the Advance Training Institute for Integrated circuit design and semiconductors at NED University. An orientation session for final year students of various departments was arranged on 31<sup>st</sup> March, 2022. The session included talk by Dr. Naveed Sherwani, who is currently serving as Chairman & CEO of Global Semiconductor Group and Rapid Silicon. Dr. Sherwani has over 30 years of experience in entrepreneurship, technical engineering, and general management.



# Department of Civil Engineering



International seminar on “Construction 4.0: Digital Transformation for Success” was organized by the department in collaboration with Institute of Engineers Pakistan on 24<sup>th</sup> March, 2022. This one-day seminar has provided a platform for exploring and discussing the construction 4.0 technologies, with a particular emphasis on their integration into the architectural and construction industry of Pakistan, with a vision of achieving smart, safe and sustainable built environment. The event was attended by national and international leaders and experts, from academia, government and the construction industry.

Prof. Dr. Rizwan Ul Haque Farooqui, Chairperson, conducted a PhD Seminar as an External Expert of PhD Students in Environmental Engineering at Mehran University of Engineering & Technology, Jamshoro. Seminar was held on 31<sup>st</sup> March, 2022.

Prof. Dr. Syed Imran Ahmed, Professor attended the meeting of PEC as a Speaker for Subject “Increasing Urban Flooding in Result of Climate Change and Preparedness”, held on 8<sup>th</sup> February, 2022 at Pakistan Engineering Council, Islamabad.

Dr. Farrukh Arif, Associate Professor, conducted “OBA based accreditation visit” as PEV/Expert for B.E. Civil Engineering Program of National University of Technology, Islamabad. Visit was held on 27<sup>th</sup> Feb to 1<sup>st</sup> March, 2022.



# Department of Chemistry

Dr. Saeeda Nadir Ali, Associate Professor served as stage secretary in an awareness and consortium launching ceremony in Sindh Region for the project entitled “National Digital Archive of Research Published in Pakistani Journals” organized by PASTIC National Centre at Movenpick Hotel, Karachi on 8<sup>th</sup> January, 2022. Guest of Honor was Prof. Dr. Shahid Mehmood Baig, Chairman Pakistan Science Foundation and Prof. Dr. Syed Aziz, University of Ottawa, Canada attended the event as Chief Guest.



Ms. Hira Sultan, Lecturer organized a talk on the topic of “Alleviating Planet and the people” on 26<sup>th</sup> Jan, 2022. The talk was delivered by Engr. Muhammad Sunain Hassan, an outreach member of generation unlimited & work in collaboration with UNICEF and UNDP. A number of students attended the talk and showed great interest in youth chaneling fund.



Community Service activity was performed by the students on 25<sup>th</sup> January - 1<sup>st</sup> February, 2022 at Hali Muslim Govt. Boys Secondary School under the supervision of Dr. Saeeda Nadir Ali (Focal person). One Science Labs in school was also brought functional.



Dr. Shazia Perveen, Assistant Professor participated in “PIs Research Capacity building program”, organized by HEC in collaboration of British Council, under auspices of Pak-UK Education Gateway on 28<sup>th</sup> Feb to 4<sup>th</sup> Mar, 2022 at Islamabad.

Dr. Saeeda Nadir Ali, Associate Professor attended one day-workshop on “Quality Research in Islamic Domain” organized by Hamdard Islamicus in collaboration with Al-Qadir University. Workshop was held on 21<sup>st</sup> Mar, 2022.

# Department of Humanities

Turkish language inauguration ceremony was hosted by the department on 31<sup>st</sup> March, 2022 and welcomed the guests from the Turkish Consulate, Pak Turk Maarif Foundation, faculty members, staff, and Turkish language students. Turkish Consul General, Cemal Sangu, inaugurated the Turkish Language Classes at the NED University of Engineering and Technology. Prof. Dr. Sarosh H. Lodi (Vice Chancellor), Prof. Dr. Muhammad Tufail (Pro-Vice Chancellor) and Prof. Dr. Noman Ahmed (Dean ISH & AMS) graced the hosting ceremony. The regional coordinator Ahmet Demir in his speech high-



lighted NED University as the first university to offer Turkish Language Course. Turkish Language classes commenced as part of mandatory foreign language learning at undergraduate education at the NED University of Engineering and Technology. Students from fifteen departments and three campuses opted to learn Turkish Language in the Spring Semester 2022. NED University have been offering Foreign Language courses for over fifteen years now with French, German, Chinese, Arabic and Turkish being the latest addition to this list.



NED Access students celebrated International Mother Language Day on 21<sup>st</sup> February, 2022. NED Access Microscholarship Program 2021- 2023 kickstarted with the Teachers and Staff Orientation conducted jointly by the Program implementer - Prof. Sajida Zaki, Ms. Mehwish Arif (Academic Coordinator) and Mr. Asim Khan (Program Officer). NED Access Microscholarship Program 2021-2023 will be implemented by the department at NED Cowasjee School.

Sindh Ombudsman for the Protection against Harassment of Women at the Workplace (PHWWP) has organized an event on “International women’s Day”, held on 8<sup>th</sup> March, 2022. Prof. Dr. Sajida Zaki (Chairperson) received a shield from Justice (Retd.) Shahnawaz Tariq, Provincial Ombudsman.



Prof. Dr. Sajida Zaki (Chairperson) conducted two Professional Development sessions for the faculty and staff. First on “Effective Teaching Practices” between 11<sup>th</sup> - 13<sup>th</sup> January, 2022 and second on “Time and Stress Management” on 3<sup>rd</sup> - 4<sup>th</sup> March 2022.

Prof. Dr. Sajida Zaki (Chairperson) was invited to the launch of Pak TESOL Sindh Chapter on 20<sup>th</sup> January, 2022. She participated in a panel discussion on “Role of Language Teacher Associations in the Professional Development”. Dr. Sajida was also invited for a panel discussion and a research workshop at the next chapter launch for South Punjab region that was organized at Govt, Sadiq College Women University, Bahawalpur on 21<sup>st</sup>-22<sup>nd</sup> February, 2022.



The department hosted an online session on ‘Constructing Supports: Making Connections and Getting Help’ for the students as part of CSC on 24<sup>th</sup> January, 2022. Dr. Ayesha Abdul Ahad (Clinical Psychologist), House of Pebbles conducted the session.

A panel discussion session was organized by the Faculty of Social & Basic Sciences, Mohammad Ali Jinnah University on 24<sup>th</sup> March, 2022. Dr. Rahila Huma Anwar, Assistant Professor was invited as a guest speaker in a Panel Discussion session titled “Scope of English as a Global Language”. Along with Ms. Anwar, session involved an interesting and qualified line-up of professionals.



# Department of Electrical Engineering

7<sup>th</sup> International Electrical Engineering Conference was held on 25<sup>th</sup> - 26<sup>th</sup> March, 2022. Technical sessions were conducted and best paper and poster awards were given.



A speaker session was conducted by Dr. Syed Hamza Kazmi on 13<sup>th</sup> January, 2022. The session focused on decentralized energy sources and offshore wind farms and also highlighted the offshore energy farm projects in Europe and the scope of offshore wind farms in Pakistan.



National Productivity Organization which is a government organization of Pakistan in collaboration of the department arranged a session on 24<sup>th</sup> February, 2022. Session was conducted by Mr. Aftab Ahmed Khan (Deputy General Manager), NPO. He focused on basic concepts of productivity and how it is important in a university. It also highlighted the initiatives taken by the organization to promote productivity in Pakistan.



Dr. Krishan Lal Khatri, Assistant Professor has conducted a session on 28<sup>th</sup> February, 2022. The session was focused on how students can apply for a full bright scholarship and how it is beneficial for their academic careers.



## University Advancement and Financial Assistance



To show the solidarity with the people of Kashmir; a hybrid symposium on “Understanding the Kashmir Challenge” was arranged on 4<sup>th</sup> February, 2022. Chairpersons, Head of Departments, and senior faculty members attended it in person while a large number of faculty and students joined the event online. The speakers of the symposium were Lt. Gen. (R) Moin Uddin Haider (Ex-Governor Sindh, & Former Interior Minister Government of Pakistan), who expressed his view on the topic “Line of Control, Working Boundary and International Border - Reviewing the Challenges”; Ms. Tehmina Janjua, Seasoned Diplomat, Former Federal Secretary, Foreign Affairs, Government of Pakistan who expressed her views on the topic “Kashmir and Foreign Policy Challenges for Pakistan”; and Dr. Huma Baqai (Associate Professor), Social Sciences, IBA Karachi who expressed her views on the topic “Kashmir Through the Lens of William Ury’s BB3 Conflict Resolution Strategy”.

A one-day capacity building workshop was arranged for the campus-based newspaper “NEDian”. The trainer of the workshop was the Prof. Dr. Noman Ahmed (Director UAFA and Dean ISH/ AMS). He was also assisted by two co-trainers: Dr. Fawwad (Assistant Professor, Department of Civil Engineering) and Ms. Maheen Tufail (Lecturer, Department of Humanities). The students from several academic departments participated in this workshop. The trainer briefed them about how to report an event and write with respect to journalism.



NED Entrepreneurship Society along with BIC, ORIC organized an event “Sell us this pen”. Participants were given two minutes to pitch and sell a pen. Two judges, who are themselves business women, Ms. Samina (ForiFix) and Ms. Tehreem Shakeel (BEETEE) chose the best three pitches and cash awards were given to the winners. Dr. Riaz Uddin (Director ORIC) and Dr. Sundus Ali (Manager BIC) also addressed the audience and emphasize the need to nurture entrepreneurial culture among students.



Shell Tameer in collaboration with BIC (ORIC) and NED Entrepreneurship Society conducted the first session of prestigious shell tamer bootcamp. The bootcamp participants included several business development managers, researchers, team leaders and graduates working in top research and national centres at NEDU-ET, as well as aspiring entrepreneurs. Dr. Riaz Uddin, (Director ORIC) applauded the efforts of the organizing team, and Mr. Imran Azeem from Shell Tameer.



Dr. Ashar Ahmed (Manager IP & Legal Services) and Dr. Sundus Ali (Manager BIC) attended a 2-days’ extensive training on Innovation and Commercialization at Karachi University; conducted by Mr. Hassan Syed, Head of IdeaGist. The training took place on 3<sup>rd</sup> to 4<sup>th</sup> March, 2022 and was attended by ORIC officials of various universities.



BIC (ORIC) has attended SMEDA (Small and Medium Enterprise Development Authority) second “Startup Growth Network” meetup online held on 1<sup>st</sup> January, 2022. The meet up was organized for the purpose of conducting networking among startups, support and development organizations and Universities.

Dr. Riaz Uddin (Director ORIC) and Dr. Ashar Ahmed (Manager IP & Legal Services) attended a 3-days’ comprehensive training on “Research Grant Management” organized by HEC and British council which was held on 24<sup>th</sup> to 26<sup>th</sup> February, 2022.



Dr. Riaz Uddin (Director ORIC) along with Dr. Muhammad Wasif (Dy. Director QEC) represented NED University in EDEX EXPO 2022, held on 26<sup>th</sup> - 27<sup>th</sup> March, 2022 at Colombo, Srilanka. NED University of Engineering & Technology placed a stall for fully funded HEC Scholarships for Srilankan students to make them aware about the incredible position of the institution in the country, learning environment, state of the art infrastructure and other facilities of the University.

ORIC conducted extensive training on “The role of ORIC for management and improvement of research, innovation and commercialization activities in line of university and HEC policies”. The training was conducted by Dr. Riaz Uddin (Director ORIC), Dr. Faizan Raza (Manager R&D), Dr. Ashar Ahmed (Manager IP & Legal Services) and Dr. Sundus Ali (Manager Business Incubation Center) on 28<sup>th</sup> February, 2022 and was attended by the Departmental ORIC representatives.



**“Quality is not act.  
It is a habit.”**

... Aristotle

# Department of Materials Engineering

A technical session “SPECTRA 2.0 - Experience the Industry” was organized by NED Materials Society. The first session on “Production Management” was delivered by Engr. Muhammad Samiullah, Manager Production and Projects, Saima Packaging (Pvt) Ltd. on 21<sup>st</sup> March, 2022. Second session on "Procurement Management" was conducted by Ms. Fabiha Jawwad Muqri, Lead Development,

Indus Motor Company. Engr. Mudassir Ahmed conducted third session on "Understanding the connection between Machining and Materials in the context of Human Relations".



NED Materials Society has arranged a career counselling session for the undergraduate students “Spectra 2.0: Experience the Industry” was held on the 21<sup>st</sup> March, 2022. Engr. Muhammad Syed Samiullah (Manager Production and Projects), Saima Packaging (Pvt.) Ltd, Engr. Fabiha Jawwad Muqri (Lead Development, CEG-D), Indus Motors Company, Engr. Mudassir Ahmed, an alumnus of NED University were the guest speakers of the session. All three guest speakers shared plentiful information, crucial aspects of

working in the industry that proved to be exceedingly beneficial for amateur engineers. At the end of the event, Prof. Dr Fayyaz Hussain, Chairman distributed tokens of appreciation to the honorable guests.



Department in collaboration with NED Materials Society has organized a seminar “Technovation” on 13<sup>th</sup> January, 2022. Engr. Saad Mehboob was the guest speaker for the first session on

Graphic Designing. Second session on E-Commerce was held on 20<sup>th</sup> Jan, 2022 and it was conducted by Engr. Bilal Siddiqui. Third session on "Cathodic Protection" was conducted by Engr. Bazif Karim on 28<sup>th</sup> January 2022.

Two days' “SPORTS FEST 2022” was organized on 24<sup>th</sup> to 25<sup>th</sup> March, 2022 at NED Gymnasium. Students of Departments of Materials Engineering and Metallurgical Engineering have participated in different sports activities like badminton, cricket and futsal.



The Department in collaboration with NMS has taken measures towards immaculate sea shore by organizing a “Beach Cleaning Activity” on 27<sup>th</sup> January, 2022 at a local beach. During this event, students spent a day on beach and collected trash and garbage.



## Medical Department

A blood donation drive was held on 10<sup>th</sup> - 11<sup>th</sup> January, 2022 at Old Administration Building & Main Cafeteria of the university. The drive was conducted by Indus Hospital Blood Centre in collaboration with the Department of Students Affair.

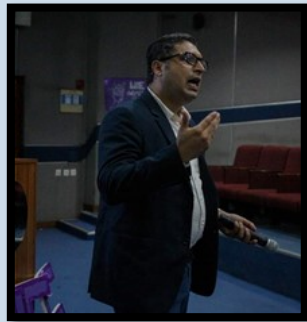
Since the establishment of Vaccination Centre; the department has been providing the Covid-19 vaccination services to students, employees and their dependents. Pfizer vaccine and Pfizer booster doses are also available for children between twelve to eighteen years as well as for adults. Booster doses of vaccines i.e. Pfizer, Moderna, Astrazeneca and Sinovac are also being administered, as provided by town health office.



# Department of Mechanical Engineering

ASME NEDUET organized an informative seminar to aware the audience about engineering entrepreneurship on 18<sup>th</sup> January, 2022.

Mr. Fahad Qadeer was the guest speaker of the event. He guided the audience and eradicated the complication of how to be eligible enough to build career in entrepreneurship.



Mr. Faizan Ahmed, an alumnus conducted an interactive speaker session organized by ASME on 6<sup>th</sup> January, 2022. Mr. Faizan Ahmed is an ICF trained coach and a motivational speaker. He urged the students to discover their inner talents and work on their strengths.

A virtual event “Speak Out for Engineering” was conducted by IMechE via Microsoft Teams on 8<sup>th</sup> January, 2022. The participants were allowed to present on any engineering or science related projects.

A workshop “Propellair’22” was organized by IMechE on 27<sup>th</sup> January, 2022. Mr. Muhammad Awais was the guest speaker. Event leads of Propellair were hosting this workshop where they elaborated about the basics of the event, and encouraged the students to participate in this event.



Alumni online talk series were arranged by ASME. The first session was conducted by Engr. Adnan Ibrar on “Difference between Pakistan & International Education System”. Engr. Osama Anzar conducted a session titled

A three-days’ event titled “Evolution” was organized by ASME on 4<sup>th</sup> - 6<sup>th</sup> January, 2022.

The event was comprised of three modules; each one to test the soft skills, technical knowledge and design abilities of the students. Mr. Muddassir Ahmed, an expert on human behaviors was invited to conduct a behavioral development session. Dr. Muhammad Uzair and Mr. Mirza Hammad Baig, faculty members were the judges of the competition.



ASME NED Women in Engineering Wing officially launched to promote engineering profession in women. The motto of the WIE wing is to provide equal opportunities to women in institution and workplace. Ms. Erum Khan (Assistant Professor), Ms. Bushra Fatima (Lecturer), Ms. Nimra Kamran (Manager of Innovation and Commercialization at IBA) and Ms. Areesha Iqbal, final year student of Software Engineering shared their valuable experiences.

Dr. Muhammad Uzair, Associate Professor was selected for " Student body advisor Award 2022 by "American Society of Refrigeration and Air Conditioning Engineers Pakistan chapter” in the month of March, 2022.



“Study in U.S Job Market Pre & Post COVID”. Syed Tabin Haider delivered a talk on “Study in Italy, Exchange Opportunities and Cultural Diversity”.

# Department of Mathematics

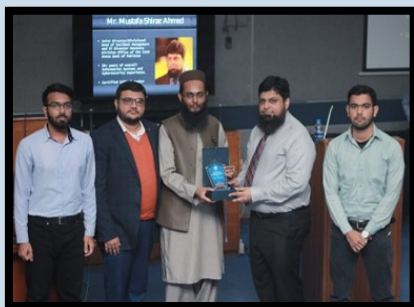


Four students of final year participated in an annual global competition “CFA Institute Research Challenge”, organized by CFA Society Pakistan on 12<sup>th</sup> March, 2022. The competition provides university students with hands-on mentoring and intensive training in financial analysis. In total twenty-six teams participated from all over Pakistan. Team NED which was supervised by Mr. Muhammad Amin, Lecturer, got the runner up award.



# Department of Computer Science & Information Technology

A seminar was organized by the department on “Careers in Cyber Security” on 25<sup>th</sup> January, 2022. Seminar was conducted by Mr. Mustafa Sheeraz Ahmed (Joint Director), State Bank of Pakistan.



A hackathon was organized by the department in collaboration with APIMatic on 22<sup>nd</sup> March, 2022. The winner and runner ups of the event were awarded with cash prizes of Rs. 30,000 and Rs. 20,000 respectively. APIMatic is founded by an ex-BCITian Syed Adeel Ali and it is a Developer Experience Platform that is subscribed by over 50,000 businesses across 201 countries in the world to consume APIs.



Final Year Design Project (FYDP) Management and Assessment System training has been conducted by Prof. Dr. Shariq Mahmood Khan (Professor) for the faculty members of the department on 21<sup>st</sup> March, 2022.



Data Science and AI meetup was organized by CSRD at CSIT department on 27<sup>th</sup> March, 2022. The purpose of the meetup was to explore and highlight the importance of Data Science and AI in local industries and academia.

## Department of Food Engineering



A delegate from Hub Salt Company visited NED University on 2<sup>nd</sup> March, 2022; to sign MOU on the development of lab facility for salt testing. The delegate was headed by Mr. Ismail Suttar (CEO), Hub Salt along with Mr. Ali and Mr. Tariq (both company representatives). The delegate was received by Prof. Dr. Sarosh H. Lodi (Vice Chancellor), Prof. Dr. Muhammad Tufail (Pro Vice Chancellor) and Prof. Dr. Asif Ahmed Shaikh (Dean CPE & Director QEC) were also present during the ceremony along with Prof. Dr. Zahoor Ul Hussain Awan, Chairman of the department.

An invited talk titled “Effective Weight loss Strategies Myths vs Realities” was arranged by the department on 30<sup>th</sup> March, 2022. The talk was presented by Dr. Zubala Lutfi (Assistant Professor), Department of Food Science & Technology, University of Karachi. The faculty members and students attended the talk.



## Department of Industrial & Manufacturing Engineering

In continuous support to the department, Feroz188 has donated various lab stuff for laboratory demonstration. These lab stuffs are comprised of fire extinguishers, safety belts, firefighting helmets, gloves, beakers, rubber shoes, head torch, safety goggles and other safety apparatus.

A Final Year Project group comprised of Ifra Siddiqui, Aiman Farooqi, Hiba Basir and Simrah Urooj has been awarded as the best FYDP Award 2021. This FYPD group was supervised by Dr. Syed Mehmood Hasan, Assistant Professor. Awards were arranged by UAFA.





# Department of Student Affairs

Governor House of Sindh and The NEDian Forum have arranged an awareness session on “Thalassemia Management Control & Prevention”, held on 11<sup>th</sup> January 2022. The session was conducted by Mrs. Reema Imran.



Sindh Rangers in collaboration with the Department of Students Affairs has organized a Day Out with Rangers at Bhattai Rangers Training Centre and School Pakistan Rangers, Sindh. The visit was held on 29<sup>th</sup> March, 2022 and was attended by Faculty members and students of NED University.



A religious motivational lecture for Students’ Moral Up-bringing & Responsibility was delivered by Mr. Shuja Uddin Sheikh on 7<sup>th</sup> February, 2022. The lecture was organized by the department.

NED Girls Affairs Society in collaboration with the department organized an event on women empowerment “International Day of Women and girls”, held on 25<sup>th</sup> January, 2022



Grand Flag Hoisting Ceremony on Pakistan Day was held on 23<sup>rd</sup> March 2022 at Convocation Ground of NED University. This event was organized by Bhattai Rangers, HQ 72 Wing (Zarb-e-Haider) in collaboration with Registrar Office and Department of Students Affairs.

The Islamic Research Institute, Islamabad in collaboration with department has arranged a Seminar on Paigham-e-Pakistan. The seminar was held on 25<sup>th</sup> March, 2022.



The programme Talk with Director General, Pakistan Rangers (Sindh) was held on 19<sup>th</sup> January 2022 at Syed Mahmood Alam Auditorium. It was well attended by the Chairpersons, faculty members, employees and students of the University.



The NEDian Forum in collaboration with the department has arranged an event titled “Heart to Heart - Secret of Life Success by Kamran Ahmed Siddiqui”, held on 3<sup>rd</sup> January, 2022.

The GRE Information Session was held on 22<sup>nd</sup> March 2022. The session was conducted by United State Education Foundation in Pakistan (USEFP) in collaboration with the department.



The Blood Donation Drive was held on 10<sup>th</sup> - 11<sup>th</sup> January, 2022 at Old Administration Building & Main Cafeteria of the university. The drive was conducted by Indus Hospital Blood Centre in collaboration with the department.



Various groups of the students have paid educational visits at NED University. The students of Habib Girls School visited on 3<sup>rd</sup> March, 2022. Students of The NEDians College have visited on 17<sup>th</sup> March, 2022. Whereas, the students of GC University, Hyderabad visited on 28<sup>th</sup> March, 2022. During these educational visits, they have visited various Departments and facilities of the university.

A session on “Important Steps for Improvement of IT & Textile Field in Pakistan” was organized by Dunya News Channel in collaboration with the department, held on 17<sup>th</sup> March, 2022. The online guests of the sessions were Mr. Asad Majeed, Pakistani Ambassador in USA and Mr. Anus Jamaal Hashmi, President NED Alumni US.

# Engr. Abul Kalam Library



Students from NEDians College, Karachi and GC University, Hyderabad visited the library for their learning purpose on 17<sup>th</sup> March, 2022 and 18<sup>th</sup> March, 2022, respectively. The students were briefed about the library facilities and services during the visit.

A fruit tree plantation was initiated within the premises of Circulation Library building by Col. (R) Zafar in collaboration with Director Works & Services on 10<sup>th</sup> March, 2022.



A Training Session on Koha: open-source software of Library Management System was arranged for all Librarians and IT Managers. The session was conducted by Dr. M. Waseem Zia (Assistant Professor), Department of Library & Information Science, University of Karachi on 22<sup>nd</sup> & 24<sup>th</sup> February, 2022.



Dr. Fakhir Hasni, an NED Alumni from Kingdom of Saudi Arabia donated thirteen hundred books and a box - containing various electronic components and laboratory equipment. The box was handed over to the Instrumentation Centre of the University and books will be shared with the teaching departments. In addition to this, two hundred and ninety-two books which were donated by Books for International Goodwill (BIG), USA were handed over to the Principle, Cowasjee School for the school library. Mr. Ajmal Ansari from United State of America has donated a large number of books for distribution among faculty members and students of the university. In this regard, faculty members and students were invited for selecting and free distribution of books during 6<sup>th</sup> to 14<sup>th</sup> January, 2022.

## Directorate of Industrial Liaison



Directorate has arranged a Laptop Distribution Ceremony of PICT for the students of Departments of Electrical Engineering, Electronic Engineering and Mechanical Engineering, who were part of Co-op Education Program at PICT. The ceremony was held on 17<sup>th</sup> March, 2022.

Students from various departments were facilitated in arranging internships opportunities in different organization. A total of eight hundred and forty-eight internships were arranged on merit and self-basis. Tapal Tea Summer Internship recruitment drive was also arranged.



Thirty-three on campus recruitment drives were arranged including: Fauji Fertilizer Company Limited, UBL, ICI Pakistan Ltd, Techlogix, Karachi Tools Dies & Moulds Center, Bank Al Habib Limited, HBL, Artistic Fabric Mills Pvt Ltd, 10 Pearls, Avanza Soutlions, Techlogix, Unilever Pakistan Limited, Pak-Matiari-Lahore Transmission Company (Private) Limited and others.



A Quarterly Newsletter of

Quality Enhancement Cell of NED University of Engineering & Technology



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