



# NED University of Engineering & Technology



Quarterly Newsletter

Vol: 10 (04) Oct-Dec, 2021



## NED University of Engineering & Technology 30<sup>th</sup> Convocation

27<sup>th</sup> November 2021



30<sup>th</sup> Convocation of NED University  
held on 27<sup>th</sup> November, 2021



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Fourth issue of QEC Newsletter of the year 2021 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 [qec.neduet.edu.pk](http://qec.neduet.edu.pk)

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# 30<sup>th</sup> Convocation of NED University

30<sup>th</sup> Convocation of NED University of Engineering & Technology was held on 27<sup>th</sup> November 2021. The ceremony was divided into two sessions. PhD and Masters' degrees were awarded in the morning session, which was presided by Mr. Imran Ismail, Governor of Sindh and Chancellor of the University. While, Engr. Najeeb Haroon, Member of National Assembly and Chairman - Pakistan Engineering Council also graced the event. During the evening session, degrees were awarded to the graduating students. Engr. Syed Murad Ali Shah, Chief Minister of Sindh attended the session as Guest of Honour; while Mr. Ismail Rahu, Pro-Chancellor of the University presided the session. Mr. Hussain Dawood, Chairman - Dawood Hercules Corporation also graced the session. A total of 1802 students were passed out during the year 2021, including 916 Bachelors, 868 Masters and 18 Doctorates. A total of 1560 graduated attended the convocation sessions. Nine faculty members have also received their PhD Degrees including: Dr. Muhammad Javed (Assistant Professor), Department of Electrical Engineering, Dr. Sabeen Jahanzeb (Assistant Professor), Department of Textile Engineering, Dr. Zareen Sadiq (Assistant Professor), Department of Computer & Information Systems Engineering, Dr. Muhammad Ahmed (Assistant Professor), Department of Urban and Infrastructure Engineering, Dr. Rahila Huma Anwar (Assistant Professor), Department of Humanities, Dr. Hira Mariam (Lecturer), Department of Telecommunications Engineering, Dr. Sajid Muhat (Assistant Professor), Department of Chemical Engineering, Dr. Shafaq Asrar (Assistant Professor), Department of Metallurgical Engineering and Dr. Hameeza Ahmed (Lecturer), Department of Computer & Information Systems Engineering.



“NED University is one of the great universities of the country which is playing key role not only in education but also in the development of the country.”

**Mr. Imran Ismail,**  
Chancellor/ Governor of Sindh

“This great institution has produced tremendous leadership in engineering and other disciplines of life, which are serving this city, province and the country.”

**Prof. Dr. Sarosh H. Lodi,**  
Vice Chancellor

“For the last hundred years, NED University has been imparting professional education. It has made a lot of progress that will be continued in the future.”

**Engr. Syed Murad Ali Shah,**  
Chief Minister of Sindh

# HONET-IEEE 18<sup>th</sup> International Conference on Smart Communities; Improving Quality of Life using ICT, IoT and AI



“HONET - IEEE 18<sup>th</sup> International Conference on smart Communities; Improving quality of life using ICT, IoT and AI” was organized on 11<sup>th</sup> - 13<sup>th</sup> October, 2021 by the Department of Computer and Information Systems Engineering in collaboration with University of North Carolina at Charlotte, USA. The vision of HONET for the last eighteen years has been to bring together academics and industry professionals from developed and developing countries thereby enabling a platform for collaborative learning and research. The 18<sup>th</sup> International Conference HONET 2021 was focused on Research and Development and use of information & communication technology for making smart cities a reality. Specifically, the role of IoT and AI, data analytics, and intelligent energy & transportation systems in conjunction with ICT will be explored in the technical sessions.

The accepted and presented papers have been published on IEEE Xplore. The conference includes four keynote speeches, three invited talks, three symposium and three workshops. In total thirty-three papers were presented out of one hundred and seventeen with the acceptance ratio of 27%.

# Activities of Quality Enhancement Cell

Quality Enhancement Cell has conducted following training programmes for the faculty members, officers and staff of various departments of NED University.

Sr. #	Training Title	Trainer(s)	Held on
1.	Importance of Feedback Analysis	Prof. Dr. Asif Ahmed Shaikh Director QEC / Dean CPE	13 <sup>th</sup> October, 2021
2.	Development of Self-Assessment Report (SAR) as per HEC guidelines	Prof. Dr. Asif Ahmed Shaikh Director QEC / Dean CPE Dr. Muhammad Wasif Deputy Director QEC / Asst. Professor, IMD	14 <sup>th</sup> October, 2021
3.	Assessment of Self-Assessment Report (SAR) as per HEC guidelines	Prof. Dr. Asif Ahmed Shaikh Director QEC / Dean CPE NED UET Dr. Muhammad Wasif Deputy Director QEC / Asst. Professor, IMD	15 <sup>th</sup> October, 2021
4.	Duties and Responsibilities of Class Advisors	Prof. Dr. Asif Ahmed Shaikh Director QEC / Dean CPE	22 <sup>nd</sup> October, 2021
5.	Final Year Design Project (FYDP) SOP	Prof. Dr. Asif Ahmed Shaikh Director QEC / Dean CPE NED UET Dr. Muhammad Wasif Deputy Director QEC / Asst. Professor, IMD	26 <sup>th</sup> October, 2021
6.	First Aid / COVID Management / Fire Fighting	Mr. Arif Moin Senior Instructor, Federal Civil Defence Training School Mr. Mehboob Ali Shaikh Commandant Civil Defence Training School Mr. Sarfaraz Hussain Jaferi Ex Commandant Civil Defence Training School	27 <sup>th</sup> - 29 <sup>th</sup> October, 2021
7.	OBE System Framework	Dr. Muhammad Wasif Deputy Director QEC/Assistant Prof., IMD Dr. Farrukh Arif Associate Professor Civil Engineering Department Dr. Shenela Naqvi Assistant Professor Textile Engineering Department	28 <sup>th</sup> - 31 <sup>st</sup> December, 2021



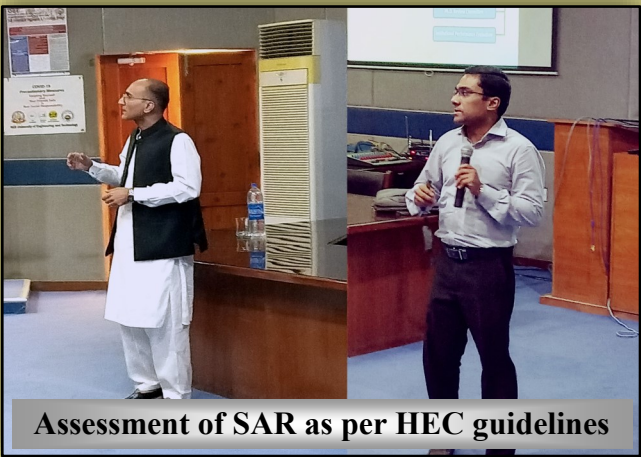
**Development of Self Assessment Report (SAR) as per HEC guidelines**



**Final Year Design Project (FYDP)**



**Duties and Responsibilities of Class Advisors**



**Assessment of SAR as per HEC guidelines**



**Importance of Feedback Analysis**



**First Aid, COVID Management, Fire Fighting**



**OBE System Framework**

# Department of Civil Engineering



The 5<sup>th</sup> Meeting of the Industrial Advisory Board (IAB) of the department was held on 24<sup>th</sup> November, 2021. The meeting was chaired by Prof. Dr. Rizwan Ul Haque Farooqui (Chairman) and attended by Prof. Dr. Asad-ur-Rehman Khan (Dean CPL), Prof. Dr. Abdul Jabbar Sangi (Co-Chairman), Dr. Farrukh Arif (Associate Professor) and Dr. Muhammad Aslam Bhutto (Assistant Professor). The meeting was also attended by industry notables namely Engr. Al-Kazim Mansoor (Chief Executive), Soilmat Engineers, Engr. Hasan Akhtar (Chief Executive), Matrixx Ltd., Engr. Mir Salman (Business Dev. Manager),

Master Builders Ltd. and Mr. Naem Uddin A. Siddiqui (Chief Executive Officer), Ziauddin Ahmed & Co. The meeting discussed matters pertaining to the PEC Re-accreditation and Cooperative Internship Program.

Prof. Dr. Syed Imran Ahmed (Professor) attended the 30<sup>th</sup> meeting of Engineering Professional Development Committee (EPDC) at Pakistan Engineering Council Headquarter, Islamabad on 30<sup>th</sup> - 31<sup>st</sup> December, 2021.

Six students of Final Year of Civil Engineering were selected and participated as part of the HEC Teams in the 6<sup>th</sup> CNS (Chief of Naval Staff) Open Championship. Among them, Ms. Basmah Sarfaraz won two Bronze Medals in 'Air Pistol (Women)' and '25 meter Sports Pistol (Women)'. Other participants also secured 8<sup>th</sup> and 7<sup>th</sup> Positions in '10-meter Single Hand Pistol' and '9mm 25-meter' in Men categories.



Prof. Dr. Abdul Jabbar Sangi (Co-Chairperson), conducted "OBA Based re-accreditation visit" as Team Leader/ Convener for B.E Civil, B.E. Mechanical, B.E. Electrical and B.E. Computer System Programs of Balochistan University of Engineering and Technology (BUET), Khuzdar. The visit was held on 18<sup>th</sup> - 20<sup>th</sup> November, 2021.



Dr. Farrukh Arif (Associate Professor) in the department delivered a webinar titled "Adopting BIM + Virtual Reality can help with Construction" on 5<sup>th</sup> October, 2021.

# Department of Computer and Information Systems Engineering



A guest lecture was delivered by Ms. Naureen Answer (Vice President), Quality Assurance and Special Projects of Systems Limited on 7<sup>th</sup> October, 2021. The lecture focused on various trends and career directions in IT industry. The speaker also highlighted the significant impact of university education on grooming of students and preparing them for the real-world challenges

A guest lecture was arranged for Third Year students on 9<sup>th</sup> November, 2021. The guest speaker Mr. Zoaib Qureshi delivered a speech on digital transformation/ automation. Mr. Zoaib is with New England Journal of Medicine, Massachusetts Medical Society as Director Software Application Development as well as Manager Digital Development and Service Delivery. He is a tech leader with more than 20 years' experience in building and delivering business solutions across multiple segments for both B2B and B2C markets.



# Department of Humanities

Prof. Sajida Zaki (Chairperson) was invited as a panelist at the seminar on the theme, “Impact of Covid 19 on skilling, upskilling and reskilling for ELTs”, held on 21<sup>st</sup> October, 2021 at the Iqra University. She highlighted the changes brought in the language pedagogy and assessment and the challenges impeding the successful delivery of online language courses. She also participated in the 37<sup>th</sup> Annual ELT Conference of SPELT held on 6<sup>th</sup> - 7<sup>th</sup> November, 2021. The theme unfolded in the panel discussion was Turning challenges into opportunities in difficult times.



Ministry of Religious Affairs and Interfaith Harmony, Islamabad organized a Seerat-un-Nabi Conference on 18<sup>th</sup> - 19<sup>th</sup> October, 2021 at Islamabad. For this conference, the Ministry had conducted a writing competition. Dr. Muhammad Bilal Usmani (Assistant Professor) participated and won the best publication Award “THE NATIONAL SEERAT AWARD” and Cash Prize of Rs. 20,000 in the Seerat-un-Nabi Conference 2021. He received his award from the Speaker National Assembly and Federal Minister for Religious Affairs on 18<sup>th</sup> October, 2021. Subsequently he attended the event of “Seerat –un–Nabi Conference, 2021”.

NED English Access Microscholarship Program sponsored by RELO- US State Department initiated its timeline of activities with project staff hiring. An open Call for Applications followed by screening of applications and candidates jointly by RELO US Embassy and Implementor NEDUET. The shortlisted candidates were interviewed by Officials from the US Consulate Karachi, RELO Islamabad and the NED Program Implementer on 14<sup>th</sup>, 15<sup>th</sup>, 18<sup>th</sup> and 22<sup>nd</sup> October, 2021. Amy Christianson, John Rhatigan and Aisha Amanullah joined Prof. Sajida Zaki for the online interviews to select the candidates for the various posts.



# Department of Software Engineering



Hina Khadim, a student of the department won second prize of eighty thousand rupees in Pitch Startup (Digital Hackfair 2.0) Competition 2021 under the supervision of Ms. Sana Fatima, Lecturer. The 5-week application period brought in 50+ app submissions using Google technologies from 172 developers across Pakistan. Hina Khadim also participated in National Idea Bank Competition-2021 under supervision of Ms. Sana Fatima, where she presented the idea “weTailoress”. She cleared the first city level round and qualified for the provincial level round.

Hands-on Workshop on "Understanding of Deep Learning Models" organized by Ms. Sana Fatima and Ms. Zainab Fatima Lecturers on 21<sup>st</sup> December, 2021. The session was divided into two parts: first part and second part were comprised of Basic Understanding of Deep Learning and Training a Custom classification model Using Fastai respectively.



Dr. Kashif Mehboob Khan (Assistant Professor) in Software Engineering department received "Best Researcher Award" along with financial reward of amount Rs. 100,000/- for the year 2021.



# Department of Biomedical Engineering

A seminar titled "Role of Biomedical Engineering in Healthcare" was organized by the department under the umbrella of IMechE on 22<sup>nd</sup> December, 2021. The seminar was conducted by various alumni working in the National Institute of Cardiovascular Diseases (NICVD), Karachi and attended by undergraduate students of the department. The speakers gave an insight into the role of biomedical engineering in the local industry, with an overview of the processes of commissioning of medical devices, their calibration, preventive maintenance, and repair. The use of various biomedical equipment in the hospital was discussed from the viewpoint of quality assurance and quality control. The session benefited the biomedical engineering undergraduate students to understand the local biomedical industry demands and expectations.



# Department of Computer Science & Information Technology



CSRD in collaboration with Karachi Biennale has arranged an interactive workshop on 26<sup>th</sup> November, 2021. The workshop was arranged for the students of the department with Dennis Rudolph; hosted by Mr. Holger Ziegeler, the Consul General of the Federal Republic of Germany at German Consulate, Karachi.

A seminar on "Emerging Technologies in Computer Science" was conducted on 13<sup>th</sup> December, 2021. The aim of the seminar was to introduce the latest trends and technologies to the students of TIEST. The seminar was attended by the faculty members and students of TIEST.



Center for Software Research & Development (CSRD) has been arranged a Blockchain meetup in collaboration with Xord on 21<sup>st</sup> November, 2021. Xord is a leading Blockchain development and research company in Pakistan.

# Department of Environmental Engineering



A seminar on "Sustainable Aviation to Combat Environmental Pollution" was organized by the department on 10<sup>th</sup> October, 2021. Mr. Nisar ul Haq Asadi (Sr. Assistant Director), Safety & Quality Mgmt. System in Pakistan Civil Aviation Authority (PCAA) was the guest speaker of the session.



The department organized a workshop on Strategic Vision & Time Management for students on 18<sup>th</sup> December, 2021, following COVID-19 related SOPs. The workshop was conducted by Engr. Ibrahim Habib, a NED alumnus working with Thal Engineering in Customer Service and Supply Chain.

# Department of Food Engineering

An awareness seminar was arranged on 11<sup>th</sup> November, 2021 titled “Global Halal Industry: Opportunities for Food Professionals”. The speakers for the seminar were Lt. Cdr Khurram Shehzad from Pakistan Navy and Muhammad Awais Khan from Global Halal Services. The faculty and students actively participated in the seminar.



Department has arranged an interactive session under the umbrella of Society of Food Engineers with the title “Food Engineering: A peek into the future”. The session was held on 3<sup>rd</sup> December, 2021. The four alumni shared their experience with the students of the department.

# Department of Polymer & Petrochemical Engineering

An interactive session on “Identification and elimination of process wastes” was held on 14<sup>th</sup> November, 2021. The session was conducted by Engr. Wahaj Jamal (Deputy Manager Production), Kings Group. He discussed the impact of wastes and types of wastes caused via transportation. He highlighted the disadvantages of overproduction, higher storage cost, more capital expenditure, compromising quality over processing and its consequences and identification of untapped resources.



Engr. Hassan Imran gave a highly interactive and engaging session on “Control system and plant safety” on 4<sup>th</sup> November, 2021. He discussed about the basics of process control systems and its types, different industrial safety standards and safety checklist.



# Department of Economics & Management Sciences



Dr. Hina Mubeen has joined the department as Assistant Professor. She has completed PhD in Human Resource Management from SZABIST Karachi. Dr. Hina has fifteen years professional experience in the higher education sector which includes administrative experience.



Dr. Faheem Akhter has joined the department as Assistant Professor. Dr. Faheem has more than thirty years of professional experience in academia, corporate sector, armed forces and civil armed forces. He has completed his PhD in public administration.

# Department of Petroleum Engineering



SPE chapter in collaboration with Student Energy organized “Petroleum Gatsby 2.0” on 4<sup>th</sup> December, 2021.

The agenda of event was an annual dinner and a Final year project showcasing of the department. The event was attended by faculty members, alumni and students of the department. The event was proved to be very successful as it provides an opportunity for the current students to interact with the alumni and found fruitful solutions for their problems and challenges they faced in academics.

Society of Petroleum Engineer NEDUET Student Chapter has organized a seminar on "Oil field emulsions and its challenges", issues faced in production of crude oil with regards to modern technologies on 28<sup>th</sup> December, 2021. The seminar was attended by students and faculty. The esteemed speaker for the seminar was Mr. Sheikh Mubin Ashraf (Field In-charge / Petroleum Engineer), Mari Petroleum Company Limited who gave a deep insight and a comprehensive review of the seminar topic.



# Office of Research, Innovation and Commercialization



Dr. Riaz Uddin (Director ORIC) and Dr. Sundus Ali, (Manager BIC) attended SMEDA first “Startup Growth Network” meetup held on 16<sup>th</sup> December, 2021 at SMEDA Karachi Office. The meetup was organized for the purpose of conducting networking among startups, support and development organizations/ Universities.



Dr. Sundus Ali (Manager BIC) attended a one-day training session for all the managers of Business Incubation Centres on 30<sup>th</sup> December, 2021 at HEC, Islamabad. The training session was arranged by the Higher Education Commission under its Higher Education Development in Pakistan (HEDP) project. It was attended by more than thirty Managers of BICs from across Pakistan.

# Department of Chemical Engineering



To enhance industry-academia collaboration; a group of students under the supervision of faculty members have assessed innovative methods of indigenous Ethylene production in Pakistan. The project comprises of Techno-commercial evaluation of the possible options with business development team of Engro Polymers and Chemicals. Ms. Ayesha Asif, Wajiha Nadeem, Mr. Faaiz Khan and Ms. Shazib Naveed were the students who have participated under the supervision of Dr. Faizan Raza (Assistant Professor) and Dr. Syed Ali Ammar Taqvi (Assistant Professor) of the department.

# Department of Mechanical Engineering



A workshop was arranged by ASME Society on 2<sup>nd</sup> December, 2021 to taught the students how to make a “Line Following Robot”. Syed Mubashir Ahsan, a member of ASME conducted the workshop. The workshop was quite helpful for the students who intended to participate in LFR module in ASME event of “Evolution”.



ASME society arranged a session for the students of the department on 30<sup>th</sup> November, 2021. The session was conducted by Mirza Hammad Baig (Lecturer) to educate the students further about the sub-fields of mechanical engineering. He has also discussed the opportunities students can avail in foreign countries.



IMEchE invited Mr. Raja Zia Ul Haq, (CEO), Youth Club to give an informative Islamic guiding session titled “Is Life Just a Game?” on 17<sup>th</sup> December, 2021. The motive of this lecture was to guide the new generation to the right path. Everyone was enlightened about basics of life in an Islamic manner.

## Directorate of Industrial Liaison

The first phase of Cooperative Education Program was arranged at Pakistan Cables for the students of Electrical Engineering.



Department has arranged internship opportunities for the students of various departments in different organizations. A total of 857 students were facilitated including, 482 internships on merit basis and 375 on self basis.



Various on-campus recruitment drives were arranged to facilitate fresh graduates and graduating students during pandemic Covid-19 situation. These recruitment drives were conducted for Inaequo Solutions, UHF Solutions (Pvt.) Ltd, TPS, Power Cement Ltd., Xynotech Ltd, 10Pearls, BariTechSol, Speridian Technologies, Good-Core Software (Pvt) Ltd and Wavetec Private Limited. Nine Online and Internal Recruitment drives were arranged for Habib Bank Limited, Gatron (Industries) Limited, Schneider Electric, ILink (Pvt) Ltd, ICI Pakistan Ltd, APTECH Learning Pakistan, Engro Energy Limited, Arbi-soft (Pvt.) Ltd and Rizq LUMS Society.



“In the race for quality, there is no finish line.”

... David T. Kearns

# Department of Electrical Engineering

The students of the department have successfully completed 10 KW Community Solar Power Project for Bilquis Mushaf Hospital in Rasidabad carried out by Sawayra - a non-profit organization. The project was completed in collaboration of vendor Orient Energy Systems (Pvt.) Ltd and Inverex solar energy.



An award distribution ceremony for the winners of student seminar of 36<sup>th</sup> Institution of Electrical and Electronics Engineers Pakistan Karachi was held on 22<sup>nd</sup> December, 2021. Dr. Riaz Uddin, Principal Investigator of HHRCM Lab (NCRA-NED) was the Chief Guest of the event. He highlighted that “the motive behind the research is to localize costly imported solutions”. Six winner papers were selected and cash prizes of fifteen thousand and ten thousand rupees have been awarded to gold and silver papers. NED University received the trophy of 36<sup>th</sup> Student Seminar.



Dr. Riaz Uddin, Principal Investigator of HHRCM Lab (NCRA-NED) was invited as session chair in 4<sup>th</sup> International Conference on Robotics and Automation in Industry (ICRAI) 2021. The conference was organized by the National Centre of Robotics & Automation (NCRA), Department of Mechatronics Engineering, NUST College of Electrical and Mechanical Engineering (CEME), on 26<sup>th</sup> - 27<sup>th</sup> October 2021 at Rawalpindi.

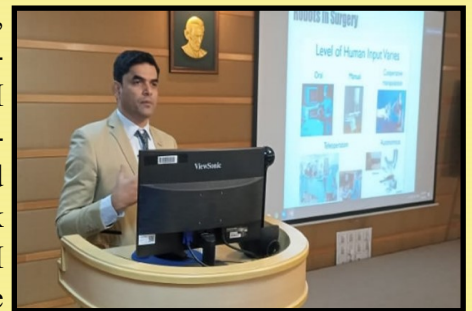


ENVISION was initially an event of IEEE Student Branch. IEEE PES conducted a collaborative module in the event by the name of ETAP design competition on 2<sup>nd</sup> - 4<sup>th</sup> December, 2021. One winner and a runner up were given cash prizes and trophies.

IEEE PES NEDUET has always held great respect for the date 5<sup>th</sup> of October, as this day embarks a series of progressive gatherings where engineers from across the world and IEEE members come together to share their innovative ideas and put forward their technical perspectives.



Dr. Riaz Uddin, Principal Investigator of HHRCM Lab (NCRA-NED) delivered an invited Talk on Robotics & AI in Healthcare



along with Healthcare activities in HHRCM Lab at ICCBS, University of Karachi on 18<sup>th</sup> November 2021 and at PNEC-NUST on 19<sup>th</sup> November, 2021. During the talk, different aspects and importance of Robotics & AI in Healthcare were presented. Dr. Riaz Uddin also highlighted the current challenges of Robotics & AI in Healthcare and their reliable solutions for successful implementation.

# Department of Electronic Engineering

Dr. Muhammad Faizan Shairazi has joined the Department of Electronic Engineering as Assistant Professor on 18<sup>th</sup> October, 2021. He has completed his PhD in Electronics Engineering from Kyungpook National University, South Korea in 2018 and his Postdoc from Medical University of Vienna, Austria in 2021. His research focusses on the development of optical coherence tomography systems for industrial and medical applications.

# Engr. Abul Kalam Library



The library organized its Annual Book Fair in collaboration with NCL/NCAI of the University on 13<sup>th</sup> -14<sup>th</sup> December, 2021 at the main University Campus. The Book Fair was inaugurated by Prof. Dr. Muhammad Tufail (Pro Vice Chancellor).

A group of students along-with teachers of Quaid-e-Azam Rangers School & College, North Naziabab visited the library on 7<sup>th</sup> December, 2021.



Ms. Naveen Ali conducted fifteen training sessions at the Digital Library for the final year students of various departments, informing them about digital resources and reference works citation managers subscribed by the university to support them in their research work. She has also conducted a library orientation session for the students of Master of Advanced Linguistics on 3<sup>rd</sup> December, 2021.



The library has facilitated the Editorial Committee of NEDIAN Newspaper through its Digital Library to conduct screening test for induction of team members on 10<sup>th</sup> December, 2021.

A training session for the library In-charge of Civil Engineering Department, TIEST Campus was arranged on 22<sup>nd</sup> November, 2021. Library resources & facilities were briefly demonstrated during the session.

## Department of Telecommunications Engineering



Prof. Dr. Muhammad Imran Aslam (Chairman) conducted a tutorial on “Electromagnetics Metamaterials: Prospects and challenges” at the 6<sup>th</sup> International Multi-Topic ICT Conference 2021, held on 11<sup>th</sup> November, 2021.

Department organized a session on “Internet-of-Things and 4<sup>th</sup> Industrial Revolution” on 29<sup>th</sup> December, 2021. The session was conducted by Mr. Ukasha Sohail, an alumni and specialist in IoT and embedded system. This seminar enriched the students with the knowledge of IoT development and the design issues.



A seminar on “Telecommunications in Modern Era” was arranged by the department on 29<sup>th</sup> December, 2021. It was conducted by Mr. Unais Ali, CEO of two start-ups: U-TECH, Asad Academy and founder of U-Cademy. The session started with motivational talk followed by briefing the students about latest technologies such as 5G and beyond, IoT and Metaverse.



Department organized a symposium on “5G to 6G: Secure, Automated and Intelligent Networks” at the IEEE HONET conference held on 11<sup>th</sup> October, 2021. The symposium was co-chaired by Prof. Dr. Muhammad Imran Aslam (Chairman) and the session was moderated by Dr. Sundus Ali (Assistant Professor). Prof. Dr. Matti Latva-aho (Director), 6G Flagship Program - University of Oulu, Finland delivered the Keynote talk.

# Department of Student Affairs



The department in collaboration with Ministry of Foreign Affairs Pakistan arranged a Saudi Arab Scholarship programme for fresh graduating students on 8<sup>th</sup> October, 2021.

The event of NED Racing – Run Extra Mile was organized on 26<sup>th</sup> October, 2021 by Train to Change the World (TCW) & Sports Section in collaboration of the department.



A rally on Black Day for Kashmir was held on 27<sup>th</sup> October 2021 at NED premises. The rally was organized by the student societies in collaboration with the department.



The students of Baluchistan University of Engineering & Technology visited NED University on 10<sup>th</sup> November, 2021. They visited the Department of Computer & Information Systems Engineering, Software Engineering and Computer Science & Information Technology during this educational visit.



The students and faculty members have spent a day with brave soldiers at Malir Cantonment. The visit was organized by Headquarters 4, Air Defence Division, Malir Cantonment on 25<sup>th</sup> December, 2021.

The Orientation Programme & Carnival 2021 for new students was arranged on 22<sup>nd</sup> - 23<sup>rd</sup> November, 2021 at Syed Mahmood Alam Auditorium and Fountain Area.



NED Debating Society organized a speech competition on hundred years journey of NED University on 28<sup>th</sup> December, 2021.

NED Girls Affairs Society in collaboration with department organized a lecture on “Quran in My Life” on 23<sup>rd</sup> December, 2021. The lecture was delivered by religious scholar Ms. Hannah Sattar.



A competition titled “Talent Hunt & CapTech” was held on 8<sup>th</sup> December, 2021. The competition was organized by The NEDian Forum (TNF) and Society for the Promotion of Science, Engineering and Technology (SENTEC) in collaboration with the department.



Representative of Edith Cowan University Australia organized a programme on “Higher Studies in Australia” on 2<sup>nd</sup> November, 2021 at NED University

# Department of Chemistry



Department organized a One-day invited talk on “Potential of Ethyl alcohol manufacturing for Professional Engineers and Analytical Experts in Pakistan and its significance in Pakistan’s Economy and Global Economy” for undergraduate students on 30<sup>th</sup> November, 2021. The talk was given by Mr. Adnan Javed Pirzada (General Manager), Dewan Sugar Mill and Distillery Division.

The department and Technocratic Services jointly organized a two days Hands-on-workshop on High Performance

Liquide Chromatography on 23<sup>rd</sup> - 24<sup>th</sup> December, 2021. Workshop was attended by thirty-five participants from academia and industry.



# Department of Metallurgical Engineering

Dr. Muhammad Rizwan, Assistant Professor has won the NRPU project funding on 3<sup>rd</sup> December, 2021. Project funding worth 6.7 million rupees by Higher Education Commission, Pakistan.

# Medical Department



A Breast Cancer Youth Awareness Programme 2021 was arranged by Pink Ribbon Pakistan on 28<sup>th</sup> October, 2021. It was a joint effort of the department along-with the Girls Affairs Society.

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 above thirty years.

Two blood donation camps were arranged by the department in collaboration with the Student Affairs Department. One of them was held by Rotary Club of Karachi and Al Mustafa Welfare

Trust on 10<sup>th</sup> - 11<sup>th</sup> November,

2021. Other one was held by Fatimid Foundation on 22-23 December, 2021.



A Quarterly Newsletter of  
Quality Enhancement Cell of NED University of Engineering & Technology



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