



Quarterly Newsletter of QEC, **NED UNIVERSITY** of Engineering and Technology



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Seminar on _____

“Best Practices in Quality Assurance in Higher Education”

by Dr. Mohammad Faizul



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Fourth 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 QEC of NED 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>

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A two-days' Seminar on "Best Practices in Quality Assurance in Higher Education" is organized by the Quality Enhancement Cell at NED University of Engineering and Technology on November 14-15, 2022. Seminar was comprised of three sessions, and it was conducted by a renowned educationist from a top public sector Malaysian University; Dr. Mohammad Faizul, Director, University Transformation Division, Universiti Teknologi Mara, Malaysia.

Seminar on

"Best Practices in Quality Assurance in Higher Education"



The first session was chaired by Dr. Sarosh H. Lodi, the Honorable Vice-Chancellor of NED University of Engineering and Technology. He welcomed the participants and Guest Speaker. He also highlighted the importance of quality practices in education environment of higher education institutions. Prof. Dr. Muhammad Tufail, Pro Vice-Chancellor also graced the session. Dr. Faizul briefed the session attendees regarding the importance of strategic planning for any higher education institution. He shared the strategic plan of the Universiti Teknologi Mara, Malaysia. This session

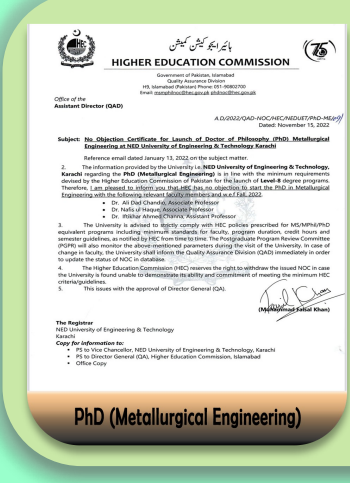
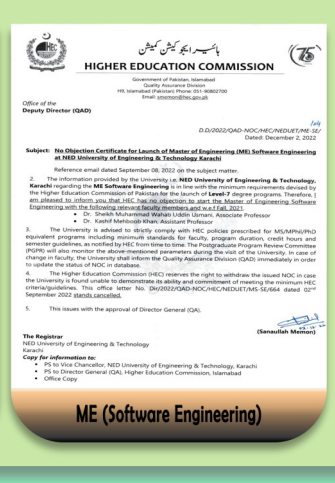
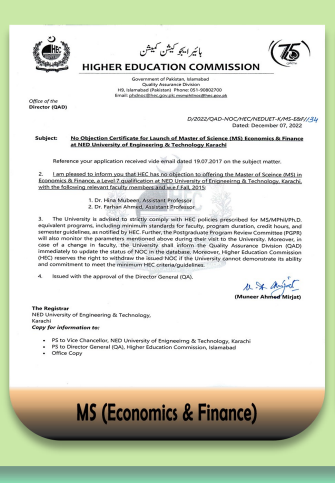
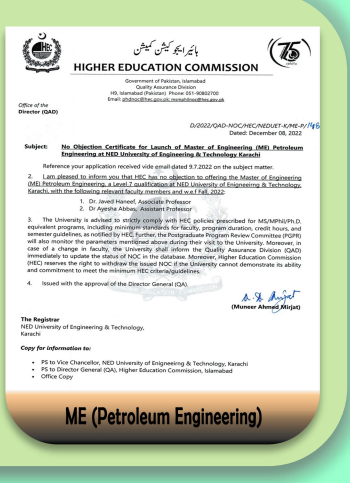
was attended by all Deans, Chairpersons and Director ORIC of NED University of Engineering and Technology. The Guest Speaker also answered the questions raised by participants and the session was ended with the distribution of bucket and shield to the esteemed guest. On the second day, two more sessions were also conducted by Dr. Mohammad Faizul. Morning session was attended by the Heads of the Non-Teaching departments, followed by another session for the Professors and Associate Professor of the varsity in the second half of the day.



NOCs ISSUED BY HEC

Higher Education Commission has issued four No Objection Certificates for launching the following programmes:

- ➔ Doctor of Philosophy (PhD) Metallurgical Engineering
- ➔ Master of Science (MS) Economics & Finance
- ➔ Master of Engineering (ME) Software Engineering
- ➔ Master of Engineering (ME) Petroleum Engineering

 <p>PhD (Metallurgical Engineering)</p>	 <p>ME (Software Engineering)</p>	 <p>MS (Economics & Finance)</p>	 <p>ME (Petroleum Engineering)</p>
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QMS Revision Alert

Following QMS Documents are revised/ approved during this quarter.

1. New QSP: Health, Safety and Environment (HSE)
2. New Form: OBE KPIs Statistics Summary Report

You may find these revised documents on the portal
<https://pl.neduet.edu.pk/>



VISITS

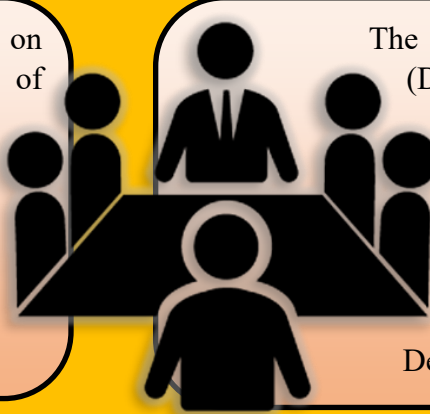
Prof. Dr. Asif Ahmed Shaikh, Director QEC, visited HEC Islamabad to pursue pending NOCs of Masters & PhD Programs on December 2, 2022.

Dr. Muhammad Wasif, Deputy Director QEC visited Muhammad Nawaz Sharif University of Engineering and Technology, Multan, to conduct HEC-IPE Review as a Member of the IPE Evaluator on December 26-29, 2022.

Prof. Dr. Asif Ahmed Shaikh, Director QEC, visited Islamia College University, Peshawar, to conduct the IPE Review. Visit was held on November 29 to December 1, 2022.

BOARD OF REVIEW MEETING (UNIVERSITY LEVEL)

The 38th BOR (UL) meeting was held on December 19, 2022 in the Senate Hall of NED University. The Vice-Chancellor, Pro Vice-Chancellor, all Deans, all Chairpersons and HoDs are the members of the board. Agenda and working papers were issued in time. Minutes of meeting and follow up letters are also issued to all concerned.



BOARD OF REVIEW MEETING (DEPARTMENT LEVEL)

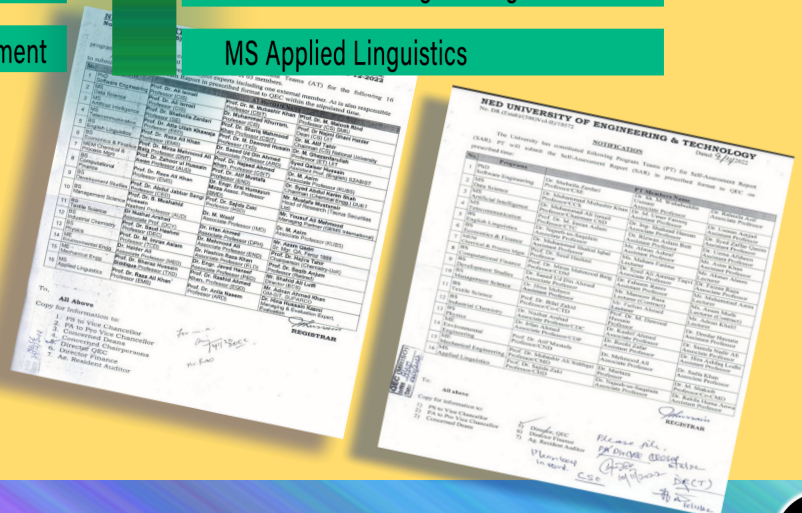
The 79th Meeting of the BOR (DL) of QMC/QEC was held on December 13, 2022 in the Seminar Hall of NED Academy. Minutes of meeting were issued to all members of the board on December 14, 2022.

SELF-ASSESSMENT REPORTS

Activity for Self-Assessment Reports have been initiated for the next cycles of following BS, MS, ME, MEM and PhD programmes:

1 ST	MS Data Science	4 TH	BS Computational Finance	
	MS Artificial Intelligence		BS Development Studies	
	PhD Software Engineering		BS Management Science	
2 ND	MS Telecommunication		BS Textile Science	
	3 RD		BS English Linguistics	BS Industrial Chemistry
			BS Economics & Finance	BS Physics
MEM Chemical & Process Management			ME Environmental Engineering	
			ME Mechanical Engineering	
			MS Applied Linguistics	

Program Teams (PT) and Assessment Teams (AT) have been constituted and notifications are issued. In addition to this, Program Teams of respective programs are developing Self-Assessment Reports.





A training titled “Quality Management System” was conducted by Prof. Dr. Asif Ahmed Shaikh (Director QEC/ Dean CPE) and Dr. Muhammad Wasif (Deputy Director QEC) on November 24, 2022. Training was arranged for the newly appointed Chairpersons and Area Coordinators of NED University.

On-campus

Training Programmes

Training on “Development of Self-Assessment Report (SAR) as per HEC guidelines” was arranged for the Program Team (PT) members. Training was conducted by Prof. Dr. Asif Ahmed Shaikh (Director QEC/ Dean CPE) and Dr. Muhammad Wasif (Deputy Director QEC) on November 24, 2022.



Training on “Manual of OBE System Framework” was arranged for the faculty members on November 14, 17, 21-22, 2022. Training sessions were conducted by Prof. Dr. Abdul Jabbar Sangi (Professor, Department of Civil Engineering), Dr. Farrukh Arif (Associate Professor, Department of Civil Engineering), Dr. Shenela Naqvi (Assistant Professor, Department of Textile Engineering) and Dr. Muhammad Wasif (Deputy Director, QEC and Associate Professor of Industrial & Manufacturing Engineering Department).



Mr. Abdul Wahab, Director Procurement has conducted a training titled “Procurement Procedure” for the employees of BPS-16 and above of the University. Training was held on October 17, 2022.

Training on “How to select Research Journal” was arranged for the faculty members on December 30, 2022. Training was conducted by Prof. Dr. Masood Rafi, Chairman, Department of Earthquake Engineering).



Engr. Amjad Ali (Sr. IT Manager) has conducted a training on “Webpage Development & Update” for the employees of BPS-16 and above. Training was held on November 10, 2022.

Prof. Dr. Abdul Jabbar Sangi (Professor, Department of Civil Engineering) has conducted a training titled “Teaching Pedagogy”, held on November 29, 2022. Training was arranged for the faculty members.

TIEST

Training Programmes



A training titled “Development of Self-Assessment Report (SAR) as per HEC guidelines” was arranged for the faculty members. Training was conducted by Prof. Dr. Asif Ahmed Shaikh (Director QEC/ Dean CPE) and Dr. Faaz Ahmed Butt (Deputy Director QEC) on October 7, 2022.



Prof. Dr. Abdul Jabbar Sangi (Professor, Department of Civil Engineering) and Dr. Farrukh Arif (Associate Professor, Department of Civil Engineering) conducted a training titled “Manual of OBE System Framework” on December 16, 2022. Training was attended by the faculty members.

Training on “Quality Management System” was conducted by Prof. Dr. Asif Ahmed Shaikh (Director QEC/ Dean CPE) and Dr. Muhammad Wasif (Deputy Director QEC). Training was held on December 13, 2022 and it was attended by faculty members.



Mr. Abdul Wahab, Director, Procurement has conducted a training “Procurement Procedure” on November 29, 2022. Training was attended by faculty members, officers and staff of TIEST.

FOLLOW-UP MEETINGS

(for the Assessment and Evaluation of IPE, MS/ PhD, SAR (HEC) and CIEC Report)

As per directives of the worthy Vice Chancellor; the QEC has arranged various meetings to discuss the observations and implementation plans of the assessment and evaluation of IPE, MS/ PhD, Self-Assessment Reports (HEC) and CIEC Report.

Prof. Dr. Asif Ahmed Shaikh, Director QEC welcomed all the participants and thanked the honorable Vice Chancellor and Pro Vice Chancellor to attend these sessions. Director QEC elaborated on the importance of the meeting and mentioned that the

Date	Stakeholders
5-12-2022	Vice-Chancellor, Pro Vice-Chancellor, All Deans, Director QEC, Deputy Directors QEC and relevant HoDs.
5-12-2022	Dean CPL, CCD, CPD, CUD, CEQ
6-12-2022	Dean MME, CMD, CTD, CID, CAM
7-12-2022	Dean ECE, CED, CSD, CLD, CTC, CBM
8-12-2022	Dean ISH/ AMS, CCS, CSE, CDM, CDP, CDC, CHD, CEM, CRD
9-12-2022	Dean CPE, CEC, CMM, CMY, CPP, CND, CDF

next Institutional Performance Evaluation by HEC may occur in next year and for that all previous follow ups should be discussed. Dr. Muhammad Wasif, Deputy Director QEC-I presented the follow up actions in the meetings. Minutes of Meetings were also communicated to all concerned to ensure proper implementation of the decisions under intimation to the QEC as per given deadlines.

Proposed Yearly Objective 2023 for Teaching and Non-Teaching Departments were presented by the QEC in the Deans Committee for review. The recommendations of Deans Committee were submitted for approval to the Vice Chancellor. After getting approval, the same were communicated to all Chairpersons/ Head of the Departments through internal memo. List of approved Y2k23 are as under:

DEPARTMENT	APPROVED YEARLY OBJECTIVES 2023
All Teaching Departments	Development and Implementation of Health, Safety and Environment (HSE) Plan (Recurrent as 2k23).
Registrar Office	1) To complete the scanning / digitalization work of 2k21(Due to Covid-19 the 2k21 is under process, as scanning/ digitalization of working papers/ Minutes of Statutory Bodies from 1978 to 2003, is very lengthy process). 2) To Centralize Dispatch System - Testing Phase. 3) To Digitalize Establishment Section Orders related to training and committee. 4) To prepare Fee Module for Digitalized Bonafide & Character Certificates for Undergraduate/ Postgraduate. 5) To Develop Online Job Portal with online fees module.
Directorate of Finance	Design and Develop Financial Information System for Research Projects with the mid-term review by the Deans Committee (Extended up to July 2023).
Audit Department	Online Record of Local Audit Reports.
Examinations Department	Digitalization of Old Tabulation Sheets.
Directorate of Works & Services	Development of Support System for HSE Plan. (Recurrent as Objective 2K23).
Directorate of Planning & Development	Preparation and processing of PC-I of "Strengthening of Lab Facilities in 5 leading Engineering Universities".
Engr. Abul Kalam Library	Optimization of KOHA software for the Library Management System (LMS).
Directorate of Industrial Liaison	To achieve gender equality by facilitating female students equal to opportunities provided to male student (UN SDG: 5) Gender Equality.
Medical Department	To impart awareness regarding Oral Hygiene/ Dental Check-up as well as Eye Examination among Students/ Faculty Members/ Officers/ Staff.
Student Affairs Department	Development and implementation of SDGs align Co and Extracurricular Activities. (Recurrent as Objective 2023).
Procurement Cell	To develop awareness of Procurement rules and processes for the Research Supervisors, Co-Supervisors and the Students through trainings.
Information Technology Department	Enhancement of PhD Students Portal with Online Semester Registration and Integration with other MIS.
NED Academy	Post-Graduate Diploma (P.G.D) Management System of NED Academy (Recurrent as Objective 2023).
ORIC	To design, develop and Implement Intellectual Property (Patents, Copyrights, Trade-mark etc.), Technology Transfer and Start-up management system MIS for NED University of Engineering and Technology.

SURVEILLANCE AUDIT

Routine Surveillance Audit of NED University was conducted by the LRQA on November 30 to December 1, 2022. During this audit Dean (ISH) Office, Department of Urban & Infrastructure Engineering, Department of Electronic Engineering, Department of Food Engineering, Department of Metallurgical Engineering, Department of Physics, Department of Chemistry, Directorate of Finance, Directorate of Works & Services, Quality Management Cell and NED Academy were audited. One Minor NC was reported by the auditors; which was discussed in 38th BOR (University Level) meeting.



INTERNAL QUALITY AUDIT

The 40th Internal Quality Audit was conducted on October 4-7, 2022. During the audit, observations of all the previous audits were also taken into consideration by the auditors and it was ensured that these observations were rectified. A total of thirteen observations were pointed out during this audit.

SFI	00
RC	12
Minor NC	01
Major NC	00

All observations have been rectified and the CMARs are closed.

OBE OUTCOME-BASED EDUCATION

OBE Frameworks have been developed by departments and uniform OBE Framework

Framework

work is developed for following engineering disciplines which is assigned ISO number.

- Civil Engineering
- Civil Engineering (Construction)
- Petroleum Engineering
- Urban & Infrastructure Engineering
- Electrical Engineering
- Computer & Information Systems Engg.
- Electronic Engineering
- Biomedical Engineering
- Telecommunication Engineering
- Mechanical Engineering

- Textile Engineering
- Industrial & Manufacturing Engg.
- Automotive & Marine Engineering
- Computer Science & IT
- Software Engineering
- Material Engineering
- Metallurgical Engineering
- Chemical Engineering
- Polymer & Petrochemical Engineering
- Food Engineering



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Quality Enhancement Cell of NED University of Engineering & Technology



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