



Executive Summary

Academic Audits / PREE 2025

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1.0 Preamble

The Quality Enhancement Cell, Namal University Mianwali presents a comprehensive summary of institutional and academic audits conducted during the academic year 2024-202. In pursuance of the guidelines of Quality Assurance Agency (QAA), Higher Education Commission (HEC), the revised QA framework is being implemented at Namal University Mianwali. The revised QA framework is structured over Precepts, Standards and Guidelines (PSG) that provides comprehensive guidelines for review/audit of both institutional-level and academic-program level. The QA audits of Namal University strictly followed the evaluation mechanism for reviewing institutional performance and effectiveness of academic programs, respectively. The outcomes of these audits/reviews provided valuable guidelines for improvement, grounded with strategic initiatives to strengthen overall quality enhancement and practices for Continuous Quality Improvement (CQI).

The current report reflects Namal University's commitment to academic excellence and continuous quality assurance. As part of the internal quality assurance (IQA) mechanism, each department prepared a structured Self-Assessment Report (SAR) of the academic program, followed by detailed peer evaluation process. The annual review process was organized transparently by the QEC of Namal University Mianwali. The QEC ensures the audits are aligned with guidelines of QAA-HEC (i.e., PREE) and of national accreditation councils (PEC, NCEAC) through transparency, stakeholders involvement, and evidence-based decision-making report. The findings summarize the gaps/recommendations for corrective actions drafted after the audits in the shadow of previous audit compliance progress. This consolidated document serves as a reference for strategic planning, governance, and resource allocation by the Namal University's higher management.

Sr.	Faculties	Departments	Program	Accrediting Body
1	Faculty of Computer Sciences	Department of Computer Sciences	BS in Computer Sciences	National Computing Education Accreditation Council (NCEAC) / HEC
2	Faculty of Electrical, Electronics Engineering	Department of Electrical Engineering	BS in Electrical Engineering	Pakistan Engineering Council (PEC) / HEC
3	Faculty of Social Sciences	Department of Business Studies	Bachelors in Business Administration	National Business Education Accreditation Council (NBEAC) / HEC
4	Faculty of Sciences	Department of Mathematics	BS in Mathematics	Higher Education Commission (HEC)

2.0 Overview of Academic and Institutional Audits

The QEC of Namal University Mianwali facilitated in arrangements and conduct of the audits. The Namal University Mianwali constitute dedicated Assessment Teams including seasoned academic auditors/reviewers specialized in their core-technical domains coupled with strong expertise in

conducting audits. The external QA professionals/ academicians were chosen (on priority) from a pool of reviewers from reputable institutes of Pakistan. The summary is presented below:

PREE / RIPE	Date of Audit	External Auditors	Affiliations
BS in Electrical Engineering	March 20, 2025 April 21, 2025	Dr. Farhan Mahmood Professor	University of Engineering & Technology (UET), Lahore
		Dr. Zia ul Haq Abbas Professor	Ghulam Ishaq Khan Institute of Engineering Sciences and Technology (GIKI), Topi
		Dr. Momin Ayub Uppal Associate Professor	Lahore University of Management Science (LUMS), Lahore
BS in Computer Science	April 30, 2025	Dr. Rafia Mumtaz Professor	National University of Sciences & Technology (NUST), Islamabad
		Dr. Imran Ashraf Associate Professor	FAST-National University of Computer and Emerging Sciences, Islamabad
Bachelors in Business Administration	February 27, 2025	Dr. Faiza Ali Associate Professor	Lahore University of Management Science (LUMS), Lahore
		Dr. Qamar Uddin Assistant Professor	Sukkur Institute of Business Administration, Sukkur
BS in Mathematics	February 24, 2025	Dr. Sohail Nadeem Professor	Quaid-i-Azam University, Islamabad
		Dr. Saqib Hussain Professor	COMSATS University, Islamabad

The academic audits aimed at aligning departmental performance with institutional vision, accreditation standards (e.g., PEC, NCEAC, NBEAC/HEC), and Outcome-Based Education (OBE) frameworks. The Assessment Teams deeply reviewed the standard documents with adequate indicative evidences through a rigorous evaluation process aligned with national accreditation standards and best international practices. Additionally, highly engaged audit activities include physical observations and following interactions:

- Critical review of SARs along with indicative evidences
- Interaction with Stakeholders
- Interaction with Students
- Interaction with Faculty
- Visit and Interaction with Research Centers (CAID & NAAC)
- Visit and Interaction with institutional facilities (Library, Labs, Departments)

The domains of the PREE evaluations are broadly categorized, as follows:

- Curriculum relevance and revision
- Learning environment and faculty development
- Infrastructure and Institutional facilities
- Program Learning Outcomes (PLOs) and Educational Objectives (PEOs) alignment
- Industry linkages and stakeholder engagement
- Career guidance and community engagement
- Documentation and CQI (Continuous Quality Improvement) processes

3.0 Comprehensive Review of Audits 2025

A synthesized analysis based on the comprehensive audit reports for all academic programs (BS in Computer Sciences, BS in Electrical Engineering, BBA, and BS in Mathematics) conducted in 2025. The findings highlight several areas of commendable progress. At the same time, the report outlines specific opportunities for enhancement and offers actionable recommendations to support sustained improvement across all departments.

3.1 Overall Strengths aligned with Academic Audits 2025

- **Faculty across departments** is well-qualified and engaged in research-activities
- Notable focus on activities in mitigating rural challenges through **Rural Development Seminars** and workshops by involving local levels farmers
- **Good student-teacher** ratios and motivated staff in departments.
- Encouraging **participation in research seminars** and applied projects.
- **High satisfaction with teaching quality** and support systems.
- **Active involvement** in competitions, internships, and industry-linked **Final Year Projects**.
- Well-documented counseling and **student services** across departments.
- **Student placements** and industry engagement.
- **Curriculum** updates in line with **market trends**.
- **Strong alignment with rural development** mission.
- **Impressive Research Centers** like the Big Data & AI and Agri Tech Centers

3.2 Summary of Key Observations in Academic Audits 2025

Domain	Key Observations and Areas for Improvement
HR & Trainings	a. Conduct a survey to identify factors causing faculty drain in EE b. Hire more female faculty in BBA and Data Science specialists for Math c. Implement a centralized workload policy and revise promotion criteria d. Revise the maximum contract duration to help retain highly qualified faculty e. Provide OBE training and effective teaching workshops
Infrastructure	a. Address lab safety gaps (first aid, fire exit signs, drills) b. Procure advanced equipment like 3D printers for FYPs c. Resolve lab congestion by splitting sections d. Establish Math and English Resource Centers
Academics & OBE	a. Refine CLOs (verbs, conditions, standards). Revise GA mapping in CS. b. Implement PLO-based transcripts . c. Course outlines should be reflective of recent market trends and industrial needs.
ORIC & Research	a. Formulate formal industrial linkages and commercialization policies. b. Establish a research policy providing funding and teaching load reductions for publishing. c. Provide faculty funding for local conference.

CQI & Quality Assurance	Documentation completion and sharing before the Audits with auditors (CS)
Operations	a. Improve WiFi at campus/residency. b. Enhance mess food quality/hygiene and resolve queues by revising timings. c. Hire additional medical doctor and improve medical facilities for residency.

3.3 Strategic Improvements in view of Recommendations in Audits 2025

3.3.1 Short-Term (Immediate - 6 Months):

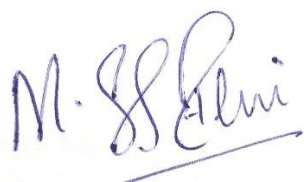
- Installed lab safety signage/first aid
- Improved WiFi and food quality
- Revised mess timings keeping in view the Class slots
- Updated course outlines (BS Mathematics program as suggested)

3.3.2 Mid-Term (6 - 12 Months):

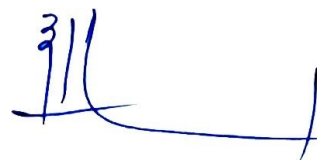
- Refined PEO/PLO/CLO definitions;
- Constitution of Consultative Committee to formulate policy documentations including the ORIC industrial linkage policies
- Procured Advanced Lab equipments including the 3D printer
- Hired additional medical staff / Improvement in medical facilities

3.3.3 Long-Term (1 Year+):

- Discussed faculty retention plan/revised contract policy at highest forum
- Institutionalized regular faculty training workshops
- Developed advance lab facilities with latest Computer machines



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