Namal University Mianwali
Quality Enhancement Cell

Corrective Action Report of PREE/Academic Audit 2025

[Program: BS Computer Science]

Sr. No.	AT Findings / Observations	Suggested Corrective Actions by AT	Responsibility	Reference of Report	IP Timeline	QEC Remarks	Rationale	Evidence
1	There is a process in place by which the institution takes steps to review its program considering POs attainment.	Yes, POs are defined, approved, and evaluated via surveys (alumni/employers). However, the timeline should be adjusted to 4 to 5 years rather than 2 to 3 years	QEC / HoD CS	Criterion 1(c)	Nov-25	In-Progress	The agenda will be presented for approval of statutory bodies/BoS.	
2	Assessment of various learning outcomes (GAs/CLOs) employing appropriate direct/indirect methods.	The processes are established; however, clarity is needed regarding whether the relationship between direct and indirect assessment of GAs is AND or OR. Furthermore, the CLOs should be refined as previously discussed to improve the quality of assessments by better aligning them with taxonomy levels. Greater emphasis is also required on assessing the psychomotor domain. Overall, the curriculum should aim for a distribution of approximately 70-75% cognitive, 10% psychomotor,	HoD CS	Criterion 3(j)	Aug-25	Completed	All courses have clearly defined Course Learning Outcomes (CLOs) that are properly linked with the relevant Graduate Attributes (GAs).	Annex-101

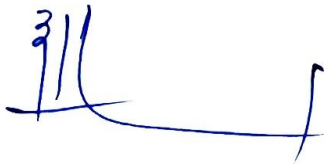
		and 10-15% affective domain coverage.						
3	Formal mechanism for faculty training and mentoring on pedagogical skills and outcomes-based implementation methodologies.	Faculty needs training on OBE system. Clarity needs to be there among faculty regarding its implementation in the specific context of CLOs, FYP, CCP and OEL.	HoD CS	Criterion 5(c)	Aug-25	Completed	Faculty training on Complex Computing Problems (CCPs) was conducted on 19th September 2025	Annex-101
4	Course files maintained as per NCEAC guidelines.	This was not shown. It is assumed that faculty is maintaining this record. Faculty is advised to place all the record in the meeting room.	HoD CS	Criterion 5(f)	Aug-25	Completed	Course data is systematically maintained in digital form and is available upon request.	Annex-101
5	Documented and institutionalized policies to review POs, GAs and CLOs after every semester/ academic year based on previous years' experience and feedback.	Documented policy is missing.	HoD CS	Criterion 8(a)	Aug-25	Completed	A comprehensive Continuous Quality Improvement (CQI) process has been documented, approved, and implemented in the BS Computer Science program.	Annex-101
6	Actions taken / implementation plans worked out to address the weaknesses identified in the Last accreditation visit report.	This compliance report is missing from SAR. This should also be the starting point of the discussion.	HoD CS	Criterion 8(b)	Aug-25	Completed	The department has taken appropriate actions in light of the previous recommendations to ensure continuous program improvement.	Annex-101

7	New initiative(s) taken since last accreditation visit including content delivery, assessment and valuation processes, etc.)	This was not explicitly reported.	HoD CS	Criterion 8(f)	Aug-25	Completed	Suggestions were followed.	Annex-101
8	Availability of program-specific, well-equipped labs to supplement theoretical knowledge/ classroom learning.	Yes, the labs are well-equipped; however, it is necessary to include information related to safety within the lab. Additionally, first aid boxes were absent, and exit signs to guide students in case of an emergency were missing.	M-Admin / HoD CS	Criterion 3(c)	Aug-25	Completed	The safety marks and emergency exit signs has been fixed at places.	Annex-102
9	Annual intake is not in-line with the maximum intake allowed by NCEAC.	Student intake is beyond the NCEAC approval, which is a serious concern. It is advised to regularize the intake before the next accreditation visit.	HoD CS / Admission Team	Criterion 4(b)	Aug-25	Completed	The department has reviewed the admission process to ensure balanced student enrollment.	Annex-101
10	The process exists; however, there is a need to clearly outline the procedure for issuing a letter of advice or warning to students, as well as specifying the departmental actions to be taken if the	Clearly outline the procedure for issuing a letter of advice or warning to students, as well as specifying the departmental actions to be taken if the Graduate Attributes are not attained at the end of the 8 semesters.	HoD CS	Criterion 4(i)	Aug-25	Completed	Each batch has a designated student advisor who monitors academic progress and ensures that students achieve the defined CLOs and PLOs.	Annex-103A Annex-103B

	Graduate Attributes are not attained at the end of the 8 semesters.							
11	Completion of courses as evident from course-files and through student feedback	No such files and folders are presented during the audit session, and it is assumed that the department maintains this data.	HoD CS	Criterion 4(g)	Sep-25	Completed	Course Folders data of each semester is systematically maintained in digital form and is available upon request. QEC has reviewed the Course Folders and related documents maintained by the CS department.	Annex-104
12	Exposure to cooperative learning through a supervised and mandatory internship program with formal feedback from the employer.	As per the HEC UGEP 2023 policy, the internship has been designated as a credit course with a (3+0) structure. Accordingly, during the audit session, it was suggested to revise the assessment criteria by avoiding the traditional grading system for this course and instead adopting qualifier and non-qualifier terms for evaluation.	HoD CS	Criterion 3(h)	Sep-25	Completed	The internship course has been revised as per HEC UGEP 2023 policy. A strict evaluation policy has implemented as recommended and approved by ACM.	Annex-105
13	Adequacy of arrangements made / measures taken to ensure work-place safety (EHS	Safety drills/workshops are not conducted. Most of the labs do not have first aid boxes. Fire extinguishers	Manager Admin	Criterion 6(g)	Sep-25	Completed	Training sessions have been conducted for the support staff to ensure proper handling and	

	concerns) in general, and while performing experiments in the labs, in particular.	were not expired but support staff not trained to use those.					effective use in case of emergencies.	Annex-106
14	Adequate exposure to Complex Problems (CPs) and design activities	The presentation did not clearly demonstrate, nor was any data provided during the audit, to confirm whether students have adequate exposure to complex problems. However, it is assumed that the department maintains this data.	HoD CS	Criterion 3(b)	Sep-25	Completed	The course outline template is also modified for the inclusion of CCP.	Annex-107
15	Lab work and its assessment mechanism supports attainment of the required skills.	It is recommended to maintain at least 14 labs and clearly specify the number of open-ended labs available.	HoD CS	Criterion 3(d)	Sep-25	Completed	Laboratory courses are already aligned with NCEAC guidelines. Two labs are mandatory as open ended labs. The department ensure a minimum of 14 labs, including explicitly labeled as open-ended labs, starting from Fall Semester 2025.	Annex-108
16	Course Learning Outcomes (CLOs) are defined for all courses and are mapped to relevant GAs.	CLOs are defined; however, key elements such as the verb, condition, and standard are missing. It is necessary to refine the CLOs to include these components.	HoD CS	Criterion 3(e)	Sep-25	Completed	Suggestions were followed.	Annex-109

17	Sufficient opportunities to invoke intuitiveness and originality of thought through Problem-Based Learning (PBL), Design Projects, and Open-Ended labs.	Improvement is needed in this area. The open-ended labs should be clearly and explicitly defined. Additionally, the department must identify courses where complex problems should be incorporated. It is also necessary to maintain separate folders specifically for these complex problems.	HoD CS	Criterion 3(i)	Sep-25	Completed	Suggestions were followed. Lab instructors have been advised to explicitly define open-ended labs. Courses suitable for CCP integration have been identified.	Annex-110
18	Well documented policy on transfer of students only from other accredited program restricting transfer of less than 50% of credit hours required for the degree.	No such policy was presented during the audit session, and it is assumed that the department maintains this data.	HoD CS / Registrar Office	Criterion 4(c)	Sep-25	Completed	Suggestions were followed.	Annex-111
19	There exists a mechanism that involves alumni, faculty, and industry in the formulation and review of POs	There was no formal process presented that clearly outlined the formulation and review of Program Objectives (POs) involving alumni, faculty, or industry. However, it is assumed that the department maintains this data.	HoD CS	Criterion 1(d)	Nov-25	Completed	Alumni involvement has been ensured through their participation in the Industrial Advisory Board	Annex-112

Director QEC	Comments: The QEC has reviewed the responses and supporting evidence submitted by the responsible stakeholders regarding the AT observations. The corrective measures taken are found satisfactory and fully compliant with quality standards. Accordingly, the loop is successfully closed, and these audit observations (Sr no. 2 to Sr. no. 19) are marked as completed.	Signature: Director QEC
Rector / Convener IQC	Comments (if any)	Signature:  Rector Namal University Mianwali

Namal University Mianwali
Quality Enhancement Cell

Corrective Action Report of PREE/Academic Audit 2025 [Program: BS Electrical Engineering]

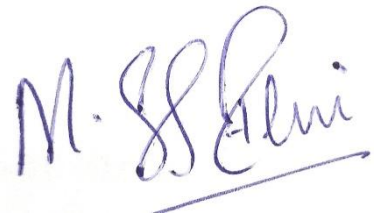
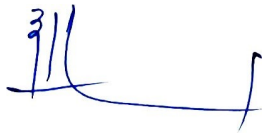
Sr.	AT Findings / Observations	Suggested Corrective Actions by AT	Responsibility	Reference of Report	IP Timeline	QEC Remarks	Details	Evidence
1	The **industrial linkages and commercialization policy** is not in place.	It is recommended that the university should formulate its industrial linkages and commercialization policy.	Director ORIC	Point 5, AT Report-I	Aug-25	In Progress	The policy document has been drafted and will be presented to the Academic Council for approval.	
2	**Faculty retention.** Identify if faculty attrition is an issue to be addressed. If yes, identify factors contributing to it, and devise a plan on how to improve retention.	University to conduct a detailed survey identifying the factors that impact the faculty retention and corrective action to be taken by higher management accordingly.	Registrar / HR	Point 1, AT Report-II	Sep-25	In Progress	The proposal is drafted and under consideration. It will be presented to BoG.	
3	The **faculty members are granted a contract of maximum three years duration** due to which the department is not able to retain highly qualified faculty members for longer durations.	It is recommended that the university may revise its policy regarding the contract extension. This would help in retaining highly qualified faculty members with high level of job satisfaction.	Registrar / HR	Point 4, AT Report-I	Sep-25	In Progress		

4	Faculty Development. Workshops should be organized for faculty development. One suggestion is to do so in the domain of effective teaching.	Dept should arrange ideally two trainings in academic year to address this concern.	HoD EE	Point 2, AT Report-II	Feb-26	Completed	The department has conducted four faculty development workshops as part of continuous quality improvement (CQI) initiatives.	Annex-201
5	Faculty should be taken into confidence into how documentation is an important part of the process of quality enhancement, BUT how the spirit of quality enhancement remains paramount in the university's priorities.	The concern should be addressed via constructive dialogue with the faculty.	HoD EE	Point 3, AT Report-II	Nov-25	Completed	Implemented as per recommendation.	Annex-202
6	Procure at least one 3D printer for students to use for their projects.	Procurement of 3-D Printer.	HoD EE	Point 4, AT Report-II	Sep-25	Completed	As recommended, a 3D printer has been procured for EE Lab. Lab Engineers and Lab Coordinator have also received initial operational training from the vendor's designated trainers.	Annex-203
7	The PLO based transcript is not	It is recommended that the PLO based transcript should be issued by QMS of	COE	Point 1, AT Report-I	Sep-25	Completed	Upon request, an official letter reflecting each student's PLO attainment	Annex-204

	generated by LMS of the university.	university after a student has completed all degree requirements.					will be provided by Controller of Examination.	
8	The curriculum has not been benchmarked with few international universities	It is recommended that the curriculum should be benchmarked with at least two international universities.	HoD EE	Point 2, AT Report-I	Oct-25	Completed	Department has been benchmarked its curriculum with University of Toronto and Purdue University. The benchmarking was presented in the 5th Industrial Advisory Board (IAB), and 8th BoS meeting.	Annex-205
9	The quality of final year project is quite good, but they are not appropriately advertised on the departmental website and social media forums.	The final year projects (in the form of success stories) should be displayed on departmental website along with social media forums to encourage and attract more students.	HoD EE	Point 3, AT Report-I	Aug-25	Completed	An FYP has advanced to Stage 3 of the FICS competition, NUST and It has been advertised.	Annex-206
10	There is a shortage of consumable items in the laboratories due to shortage in funds.	It is recommended that the appropriate budget may be allocated for the procurement of lab equipment.	Treasurer / HoD EE	Point 6, AT Report-I	Oct-25	Completed	Suggestion was followed.	
11	The laboratories were quite congested.	It is recommended that section may be split in two halves during the lab session.	HoD EE	Point 7, AT Report-I	Oct-25	Completed	Suggestion was followed.	
12	There is no switch over time between	It is recommended that switch over time of 5–10	HoD EE	Point 8, AT Report-I	Sep-25	Completed	Time table of Fall 2025 reflects the switch over time	Annex-207

	the consecutive periods.	minutes may be added in the timetable.					between consecutive periods.	
13	The promotion criteria from lab engineer to lecturer is not clear.	It is recommended that the promotion criteria from lab engineer to lecturer may be shared with faculty and deserving candidates may be promoted to lecturer cadre on competitive basis.	Registrar / HR	Point 9, AT Report-I	Oct-25	Completed	Open merit policy is already in place. Recruitment for academic positions, including the transition from Lab Engineer to Lecturer, is conducted through open competition.	
14	Students and faculty were not satisfied with the internet/WiFi facility which hampers their research work.	The university administration should take steps to improve the internet/WiFi facility in the campus and Chagda residency.	ITSC	Point 10(a), AT Report-I	Sep-25	Completed	Currently, Namal University is utilizing a dedicated 400 Mbps internet bandwidth from PTCL and 60 Mbps from PERN-HEC, which are used by faculty, students, and staff across both the campus and the hostel.	Annex-208
15	The quality of the food is not appropriate.	The quality of food should be improved.	Manager Food Services	Point 10(b), AT Report-I	Sep-25	Completed	Suggestion was followed.	Annex-209
16	The mess timings span 2 hours, which ultimately results in long queues of students during lunch break.	The mess timings may be revised to avoid long queues of students.	Manager Food Services	Point 10 (c), AT Report-I	Sep-25	Completed	Suggestion was followed.	Annex-209
17	There is only one medical doctor in the university.	It is recommended that another medical doctor be	Registrar / HR	Point 10(d), AT Report-I	Sep-25	Completed	Suggestion was followed.	Annex-210

		hired separately for Chagda residency.						
18	The students are not being provided corporate trainings/workshops.	It is recommended that corporate trainings/workshops should be offered to final year students per previous practice.	HoD EE	Point 11, AT Report-I	Nov-25	Completed	Implemented as per recommendation.	

Director QEC	Comments: The QEC has reviewed the responses and supporting evidence submitted by the responsible stakeholders regarding the AT observations. The corrective measures taken are found satisfactory and fully compliant with quality standards. Accordingly, the loop is successfully closed, and these audit observations (Sr no. 4 to Sr. no. 18) are marked as completed.	Signature:  Director QEC
Rector / Convener IQC	Comments (if any)	Signature:  Rector Namal University Mianwali

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Corrective Action Report of PREE/Academic Audit 2025

[Program: Bachelor of Business Administration]

Sr. No.	AT Findings / Observations	Suggested Corrective Actions by AT	Responsibility	Reference of Report	IP Timeline	QEC Remarks	Details	Evidence
1	More **female faculty members** should be **hired.**	_-	HoD DBS / HR	Point 2.4	Nov 25	In Progress	Hiring is subject to planning/budget cycles, institutional priorities and available resources.	
2	Need to **hire faculty** related to the specialized area.	_-	HoD DBS / HR	Point 3.2	Nov 25	In Progress		
3	Health facilities can be improved.	Survey of student facilities focused on the pointers identified. From Surveys following pointers are identified: o A full-time medical officer o 24/7 emergency support o Regular medical checkups o Better access to medicines	Admin / HR / MO	Point 3.1	Oct-25	Completed	The suggestions were followed to improve health facilities.	Annex-301
4	Department needs to have a clear teaching load policy in place.	_-	Registrar	Point 2.3	Oct-25	Completed	Workload Policy has been approved by ACM in its 7th meeting.	Annex-302

5	PEO3 seems to be missing in many courses.	This that can be easily incorporated through guest lectures and updating outline of the courses.	HoD DBS	Point 1.1	Oct-25	Completed	Suggestions were followed. PEO3 is relevant to PLO-7. DBS has incorporated CLOs related to PLO-7 in 55% of the total courses offered in Fall 2025. Details are attached at Annex A. The percentage will be higher when we do the same activity in Spring 2026. In order to help students with difficult courses such as English, Math, DBS has selected four TAs (both male and female) from senior batches who will be available for tutoring to first year students in the designated slots (Email Intimation Attached at Annexure B). TAs will also update and share the record of their tutoring sessions.	
6	More focus is on PEO1 while PEO2 is relatively ignores. We think it is important to incorporate PEO3 in all courses.	Add more activities related to PEO3	HoD DBS	Point 1.2	Oct-25	Completed		
7	Establishment of resources centers such as Math and English can be helpful to improve the overall performance	First, the relevant resources need to be identified	HoD DBS	Point 1.3	Oct-25	Completed		
8	Clear research policy is needed where faculty is provided	-_	Dir ORIC	Point 2.2	Oct-25	Completed	Namal University Mianwali has a detailed research policy which	Annex-303A

	financial and CU reductions rewards for publishing						has been implemented since July 2024.	Annex-303 B
9	Department based Alumni center may be established which has direct link with the university Alumni centre for better communication and clear objectives based on school's interest.	_-	HoD DBS / Alumni Center	Point 3.4	Oct-25	Completed	DBS has formed Alumni Coordination Committee to coordinate with Alumni, Industry and Placement Center	Annex-304
10	Student exchange program with other local universities.	_-	HoD DBS	Point 3.3	Oct-25	Completed	A MoU with UMT, Lahore, covering the desired suggestions has been signed.	Annex-305
11	Overall budget is low and there should be sperate research budget based on school/s limited needs.	Faculty should be provided funding to attend at least one local conference of their interest.	HoD DBS	Point 2.5	Jul-25	Completed	The budget has been enhanced.	Annex-306
12	Faculty should be provided with enough flexibility to focus on their research.	Faculty should not be required to be on campus from 9-5.	HoD DBS	Point 2.1	Jul-25	Completed	In order to facilitate faculty members with organizing their time for teaching, research, and services, the department has considered in workload policy.	Annex-307

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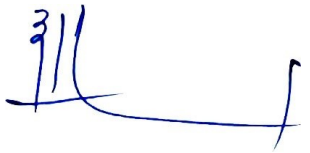
Rector / Convener IQC	Comments (if any)	Signature:  Rector Namal University Mianwali

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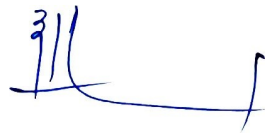
Corrective Action Report of PREE/Academic Audit 2025 [Program: BS Mathematics]

Sr. No.	AT Findings / Observations	Suggested Corrective Action	Responsibility	IP Timeline	QEC Remarks	Details	Evidence
1	The BS Mathematics program benefits from qualified faculty. However, there is **an increasing need to expand faculty expertise in the specialized field of Data Science** to further strengthen the program's offerings.	Recruit additional faculty with specialization in Data Science to enhance the program's depth in this rapidly evolving field.	HoD Math / HR	Oct-25	In Progress	Desired faculty is under consideration of recruitment/faculty development strategy of Namal University	-
2	The course outline for Ordinary Differential Equations (ODEs) would benefit from expansion to include Series Solutions, with a specific focus on Power Series Solutions. Additionally, the content on Laplace Transforms would be more appropriately placed within the Partial Differential Equations (PDEs) course outline.	Update the ODE and PDE courses	HoD Math	Oct-25	Completed	Course outlines of ODEs and PDEs have been updated.	Annex-401
3	Elective courses related to computing and physics, currently listed under CSC or PHY codes, may be more appropriately categorized as allied interdisciplinary courses or offered under MTH codes to better reflect their mathematical relevance.	Revision of the list/codes of elective courses related to Computing and Physics	HoD Math	Oct-25	Completed	Suggestions were followed.	Annex-401

4	The general education courses are not currently scheduled for completion within the first four semesters, which may delay students' focus on specialized mathematical subjects in later semesters.	Revise the curriculum to ensure that all general education courses are completed within the first four semesters	HoD Math	Oct-25	Completed	HEC minimum GED courses have been covered in first four semesters of the degree program (BS Mathematics)	Annex-401
5	The course load in the 5th semester appears unbalanced between pure and applied mathematics.	Rebalance the course offerings in the 5th semester to ensure a balanced load between pure and applied mathematics.	HoD Math	Oct-25	Completed	A balance between pure and applied courses have been maintained now in the revised SoS.	Annex-401
6	The employment rate of the graduating batch is notably high compared to other institutions.	Continue to strengthen industry connections and career support services to maintain and further improve the employment rate.	Placement Office	Oct-25	Completed	Implemented as suggested.	Annex-402
7	The university currently lacks a formal "Cut-Off Degree Policy" that would allow students to exit the program after completing two years of study.	Develop and implement a "Cut-Off Degree Policy" that permits students to exit the program after completing two years, awarding them a certificate of completion for the two year duration.	Registrar Office / QEC	Oct-25	Completed	Suggestions are acknowledged.	
8	Addition of recent books related to applied mathematics is recommended.	Add new applied mathematics books to the library.	HoD Math / Librarian	Oct-25	Completed	10 new titles are added in the library resources.	Annex-403
9	There is a need for improvement in the mess facilities to ensure a better dining experience for students and staff.	Upgrade mess facilities to improve food quality, hygiene, and overall service.	Manager Food	Oct-25	Completed	Mess facilities were improved.	Annex-404

10	There is a need for separate faculty offices to provide faculty members with dedicated, quiet spaces for work and meetings.	Arrange for the allocation of separate faculty offices to improve faculty productivity and work environment.	HR / Administration	Oct-25	Completed	Suggestions were followed.	Annex-405
11	Female students demanded a separate designated space in the mess hall for female students at Hostel.	Create a separate designated area in the mess hall at the hostel for female students.	Administration	Oct-25	Completed	Suggestions were followed.	Annex-405

Director QEC	Comments: The QEC has reviewed the responses and supporting evidence submitted by the responsible stakeholders regarding the AT observations. The corrective measures taken are found satisfactory and fully compliant with quality standards. Accordingly, the loop is successfully closed, and these audit observations (Sr no. 2 to Sr. no. 11) are marked as completed.	Signature: Director QEC
Rector / Convener IQC	Comments (if any)	Signature:  Rector Namal University Mianwali