

**QUALITY OBJECTIVES**  
**Department of «Mechanical Engineering and Standardization» for the 2024–2025 Academic Year**

Name of the target	Content of the goal	Criteria (social, technical, economic, technological)
1 Management	Ensuring effective management through the clear distribution of functions and responsibilities among faculty and staff of the department, as well as tracking their contributions to work performance and labor discipline. Applying a process-based approach to ensure high-quality execution of functional duties according to the department's work plans. Enhancing the qualifications of the teaching and research staff.	1 Quality, timeliness, and efficiency in completing tasks according to the department's work plans. 2 100% completion of planned tasks at the department, faculty, and in line with the university's strategic development plan. 3 100% compliance with labor discipline. 4 100% staff participation in departmental activities. 5 Professional development of the teaching and research staff – 2 members.
2 Educational	Continuous improvement of the quality of educational services based on: 1) incorporating modern educational technologies into the learning process; 2) aligning with labor market demands; 3) applying a process-based approach to enhancing education quality; 4) exchanging international experience among students and faculty through academic mobility programs, research internships, and inviting foreign scholars; 5) ensuring a high level of knowledge among students.	Development and use of modern technologies: Online consultations; Application of computer and information technologies in 100 disciplines; Solving practical production tasks in coursework and diploma projects – 100% coursework and diploma design; Topics for diploma projects based on enterprise requests – 30 projects. Development and implementation of modern educational technologies in the learning process: Dual system – 25%; Distance learning – 20%; Academic mobility of students and teaching and research staff – 10%; Department branches – 2. Student academic performance of at least 85%. 100% doctoral student internships. Invitation of an international scholar (visiting professor) – 1.
3 Methodical	Ensuring a modern standard of quality for teaching materials, e-learning resources, textbooks, and case studies.	Staffing of the UMSC, UMD – 100%; case development – 100%; internal review of methodological developments – 100%; number of educational and methodological aids – 2. Departmental control – 100%; assessment of professional competence: peer visits – 10 classes, conducting open classes – 38 classes.
4 Scientific	- research, development, and implementation of innovative technologies; - ensuring collaboration with enterprises in scientific research.	Number of scientific developments – 4, number of scientific publications – 20, including articles with impact factor – 2, number of publications in international journals – 4, number of master's students – 18, number of doctoral students – 7, number of scientific reports and student abstracts – 10, percentage of students involved in research – 20%, percentage of master's and doctoral students involved in research – 100%, number of faculty involved in scientific work in the design bureau – 6, monograph publications – 1, invention applications – 2.
5 Educational	Fostering patriotic, professional, and moral-ethical competencies in students.	Formation of patriotic consciousness and a harmoniously developed personality: Number of events held – 15; Curatorial hours – once a month; Number of cultural and mass events held – 15. Conducting preventive talks on the harm of nicotine, alcohol, drugs, and gambling addiction – 2; on the harm of religious extremism – 1.
6 Household	Development of departmental infrastructure, material and technical resources, and library assets.	Request for equipment for educational and research purposes and materials for 2025 – 3,176,378 tenge. Request for library resources for 2024 – 708,057 tenge.
7 Marketing and career guidance	- establishing leadership in the educational services market; - meeting the demand of manufacturing enterprises for highly qualified personnel.	Attracting applicants for studies in the department's specialties: Student intake for 2024 – 67 students; Master's students – 3; Doctoral students – 5; Employment rate of department graduates in their field – at least 90%. Career guidance activities are carried out with students of KGP "Pavlodar Machine Engineering College," Pavlodar College of Technical Services, Higher College of Non-Ferrous Metallurgy, Polytechnic College, and Pavlodar Assembly College.

Discussed and approved at the department meeting (protocol No. 3 dated September 24, 2024).

Head of the Department

Zh. Mussina

Agreed:  
Dean

K. Abishev

