

QUALITY OBJECTIVES
Department of Chemistry and Chemical Engineering
for the 2025-2026 academic year

| № | Name of the target | Content of the goal | Criteria (social, technical, economic, technological) |
|---|--------------------|--|---|
| 1 | Management | Compliance with labor discipline | 100% adherence to work discipline. Departmental degree holders - 50%. Faculty development - 2 people. |
| 2 | Educational | Ensuring the growth of high-quality educational services through the introduction of modern educational technologies for in-department control of classes | Improving student training in the department's disciplines by engaging international lecturers (twice per year). Implementation of multilingualism in the bachelor's degree programs: 6B05302 - Chemistry, 6B7107-XTHB, 6B07108-XTOB, 6B07115 - XTTIӘ (in Kazakh and Russian), B07109-OGR (in English), in the scientific and pedagogical master's program: 7M07109-XTOB, in the specialized program - 7M07159-XTOB, and in the doctoral program 8D07108 - Chemical Engineering. Continuation of the department's branches at Neftekhim LTD Company LLP and KazMunayKhim LLP - internships. |
| 3 | Methodological | Improving the quality of methodological support for the educational process: development and publication of teaching aids, methodological developments, and teaching and methodological complexes in the state and Russian languages | Increase in the number of educational and methodological publications, teaching aids - 2, complete the teaching and methodological kits - 100%, conduct open classes - 17. Mutual visits to lessons - 17. |
| 4 | Scientific | Involving faculty and students in research work | Increasing the number of publications by faculty and graduate students in scientific journals: at least two journal publications per faculty member per year and participation in two conferences. Student involvement in research activities - 15%. Participation in competitions for grant funding from the Kazakhstan Ministry of Higher Education and Science - at least two applications. |

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| 5 | Educational | Patriotic, international. Promoting a healthy lifestyle. | Participation in cultural, health, and recreational events at the university, city, and region; in accordance with the work plan of the Faculty of Natural Sciences and the department, conducting mentoring hours and participating in the regional event "Health Day." |
| 6 | Household | Development of the material and technical base. Providing the department with reagents, scientific, educational, and methodological literature relevant to the department's profile. | Improving the equipment of the department's material and technical base in accordance with the modernization plan: submitting applications purchasing chemical reagents and chemical glassware, chemical equipment. |
| 7 | Marketing and career guidance | Ensuring leadership in the regional education market in terms of the number of students and the quality of educational services | Increasing the number of students in all departmental specialties Organizing career guidance for applicants from secondary schools, the Pavlodar Chemical-Mechanical College, and the College of Technology Graduate employment rate is 90%. |

Discussed and approved at the department meeting (August 28, 2025, minutes No. 1)

Head of Department



Massakbayeva S.R.

