Topics of essays

1. Prospects for the development of the chemical industry in the Republic of Kazakhstan

2. Principles of “Green Chemistry” at chemical industry enterprises.

3. Quality assurance and quality control (QA/QC) procedures at chemical industry enterprises.

4. Chemistry of environmental objects in the context of industry.

5. Fundamentals of oil and gas refining processes.

6. The basis of mass and heat exchange processes.

7. Alternative sources of energy

8. Assessment of raw material reserves and justification for choosing the type of raw material depending on various factors and processing technologies.

9. New technologies for producing organic substances

10. Prospects for the synthesis of polymer materials