



APPENDIX 1: INTERNATIONAL SCIENTIFIC AND PRACTICAL CONFERENCE "AI ORTA: SYNERGY OF INDUSTRY AND EDUCATION"

LLP "APEC PetroTechnic Higher College" is pleased to announce that within the framework of the Memorandum of Cooperation signed with state authorities, enterprises, educational institutions, and international partners, there will be held the International Scientific and Practical Conference "AI ORTA: Synergy of Industry and Education".

Conference Objective: To discuss international experience in digitalization and Artificial Intelligence implementation for the oil & gas sector and the vocational education system and to exchange practices on transforming colleges and forming new professional digital competencies tailored to the labor market.

Main Conference Tracks:

1. Digitalization and Artificial Intelligence in the Oil & Gas Sector: The Future of Smart Fields;
2. The Smart Field: International Experience in Enhancing Production Efficiency;
3. Digital Transformation of Educational Institutions and Integrating AI into the Learning Process;
4. Building Professional and Digital Competencies of Teaching Staff and Students;
5. Issues of Integrating Science, Education, and Business.

Additionally, the conference will feature presentations on:

1. Grand opening of the AI Lab+ by China's "New Land Technology" LLP;
2. The Foundation Program (English Language Proficiency) for college instructors;
3. Training courses on utilizing Siemens equipment (experience from championships);
4. Effectiveness of the Lesson Study program (protected in Japan);
5. LMS technologies developed on the college's platform;
6. The Ulytau Educational Foundation: Experience in organizing the corporate "WorldSkills Kazakhmys" championship between industry and the college;
7. "Orleu" Institute for Professional Development: Enhancing teachers' digital literacy and AI skills;
8. LMS platforms by IOSS company for conducting short-term courses;
9. ICCCM (Malaysia) experience with dual-degree programs (2+1+1 model);
10. Fellowship championship in competencies: Industrial Control, Web Technologies, Graphic Design, Mechanical Engineering CAD, Laboratory & Chemical Analysis, IT Solutions for Business Automation.