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**APPROVED**

Rector of I. Razzakov KSTU

M.K. Chynybaev

“20” November, 2025

## **KSTU WORK PLAN FOR THE D-TIDE PROJECT**

### **PROJECT OBJECTIVES**

- Development and implementation of a digital ecosystem for inclusive PhD education in universities of the Kyrgyz Republic, ensuring equal access to doctoral programs for all categories of students, including persons with disabilities.
- Support for the modernization of the higher education system of Kyrgyzstan by integrating modern digital technologies and online platforms aimed at improving the quality of the educational process and the efficiency of research activities.
- Formation and piloting of a comprehensive support system for PhD doctoral students, including adapted educational materials, mentoring programs, and digital tools for educational process management.
- Strengthening strategic management of university activities by enhancing the digital competencies of faculty and administrative staff, as well as introducing principles of inclusive education.

### **EXPECTED RESULTS**

- Development of the concept and strategy for the digital transformation of inclusive PhD education in universities of the Kyrgyz Republic.
- Formulation of a roadmap for the step-by-step implementation of the digital model of inclusive PhD training.
- Preparation of a methodological guide on implementing the digital learning model and using adapted educational resources.
- Establishment of a Competence Development Center aimed at enhancing the skills of faculty and administrative staff in digital transformation and inclusive education.
- Pilot implementation of the digital PhD learning model in participating universities, followed by efficiency evaluation and feedback collection.
- Drafting and proposing regulations and internal bylaws governing the development of digital and inclusive PhD education.
- Organization of training seminars and workshops for university staff and representatives of public authorities on digitalization and inclusivity in higher education.
- Establishment of a monitoring and evaluation system for the quality of digital PhD model implementation.
- Expansion of international university cooperation in the field of digital and inclusive education.
- Enhancement of the competitiveness and international visibility of university doctoral programs.



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## OFFICIAL TIMELINE PROJECT IMPLEMENTATION

**Project Duration:** 36 months

**Start and End Dates:** 01.11.2025 – 31.10.2028

**Mid-term Report:** May 2027

**Final Report:** December 2028

## PROJECT IMPACT

- 1. Implementation of Digital Solutions for Inclusive PhD Education:** Development and utilization of universal online platforms and educational resources that ensure equal access to education for all doctoral students, including those with special educational needs.
- 2. Enhancing Quality and Accessibility of Doctoral Education in Kyrgyzstan:** Implementation of standardized procedures, modern educational materials, and digital teaching methods aligned with international academic standards.
- 3. Development of Professional Competencies of Faculty and Scientific Supervisors:** Training staff to utilize digital educational technologies, remote mentoring tools, and systems for monitoring PhD students' academic progress.
- 4. Expansion of International Academic Cooperation:** Integration of Kyrgyz universities into international scientific and educational networks, expanding joint research and publication activity.
- 5. Improvement of Management Processes:** Implementation of digital tools for administering PhD programs, tracking doctoral student performance, and managing educational workflows.
- 6. Strengthening University Institutional Autonomy:** Expanding higher education institutions' capacity in decision-making regarding the organization, development, and digitalization of doctoral education.
- 7. Establishing a Sustainable Model of Digital and Inclusive PhD Education:** Formulation of methodological recommendations, standards, and templates that universities can continue to use after project completion.

## REPORTING STRUCTURE

- Final report on completed project activities reflecting the results of each stage.
- Presentation based on the prepared report for internal and external stakeholders.
- Questionnaires for various categories of project participants (faculty, administrative staff, students).
- Analytical report based on questionnaire validation and processing of collected data.

### Reporting Deadlines:

- **Every 6 months:** Self-assessment reports on project implementation at KSTU.
- **Mid-term Report:** October 2026
- **Final Report:** November 2028

### Priority Tasks for 2026 (First Half)

- Working group for the D-TIDE project implementation established at KSTU.
- Participation of KSTU representatives in the kick-off meeting of participating consortium universities secured.
- Plans developed for: KSTU project work organization, dissemination, quality assurance, and sustainability of results.



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- Needs analysis and assessment of the current state of inclusive PhD education at KSTU conducted.
- Project webpage developed on the official KSTU website.

#### **Priority Tasks for 2026 (Second Half)**

- Preparations carried out for study visits to EU partner universities.
- Analysis of European university practices in inclusive PhD education organization conducted.
- Roadmap for implementing the doctoral education digital transformation model developed.
- Programs selected for pilot implementation of the PhD digital transformation model at KSTU.
- Participation in quality assurance training workshops for the project team completed.
- Procurement of equipment and software necessary for implementing and supporting project activities carried out.
- Pilot implementation of the digital PhD education transformation model initiated at KSTU.
- Assessment of potential risks associated with the pilot model implementation performed.
- Dissemination of project results conducted through webinars, scientific publications, and presentations; seminars organized for faculty, administrative staff, and stakeholders.
- Analysis of pilot implementation results performed, followed by model adjustments if necessary.

#### **Priority Tasks for 2027**

- Continued training workshops and professional development activities for KSTU staff.
- Scaling up the pilot model to other departments and institutes within KSTU.
- Participation in hosting visits from European partners to exchange experience and discuss project outcomes.
- Strengthening communication and dissemination of project results among universities in the Kyrgyz Republic.

#### **Priority Tasks for 2028**

- Completion of the digital transformation PhD model implementation across the university.
- Final evaluation of project implementation outcomes and analysis of its impact on the university system.
- Preparation of the final project report and publishing relevant materials on the official project website.
- Participation in the final closing conference with EU partners and key stakeholders.
- Dissemination of final methodological guidelines, manuals, and recommendations for model replication in other universities.

#### **Ongoing Activities (Continuous)**

- Internal monitoring and self-evaluation of project progress at KSTU conducted regularly.
- Ongoing oversight of project execution ensured.
- Regular project progress reports prepared.
- Continuous risk assessment performed.



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### WORK PACKAGE IMPLEMENTATION PLAN

| WP                                       | WP / Main Tasks                  | Timeline                                       | Responsible Persons                                 | Deliverables / Results                                                                |
|------------------------------------------|----------------------------------|------------------------------------------------|-----------------------------------------------------|---------------------------------------------------------------------------------------|
| <b>WP1.</b><br>Project Management        |                                  | Nov 2025 – Oct 2028                            | R. Elemanova,<br>M. Chynybaev,<br>B. Tashtobaeva    | Meeting minutes,<br>financial reports, mid-term and final reports,<br>risk monitoring |
| WP1.1                                    | Project Coordination & Oversight | Nov 2025 – Oct 2028                            | R. Elemanova                                        | Meeting minutes,<br>progress reports                                                  |
| WP1.2                                    | Financial Management             | Every 6 months,<br>Final report:<br>31.10.2028 | R. Elemanova,<br>K. Mamytova,<br>Zh. Dotalieva      | Financial reports, audit reports                                                      |
| WP1.3                                    | WP EU Reporting Preparation      | Every 6 months,<br>Final report:<br>31.10.2028 | R. Elemanova,<br>Zh. Dotalieva,<br>B. Tashtobaeva   | Interim and final project reports                                                     |
| <b>WP2.</b> Digital Platform Development |                                  | Dec 2025 – Sep 2026                            | A. Arzybaev,<br>A. Bakalova,<br>Ch. Zhailoobai k    | Functional digital PhD learning platform                                              |
| WP2.1                                    | Platform Development             | Dec 2025 – Jun 2026                            | A. Arzybaev,<br>A. Bakalova,<br>Ch. Zhailoobai k    | Working platform,<br>training modules                                                 |
| WP2.2                                    | Equipment & Software Procurement | Dec 2025 – Feb 2026                            | A. Arzybaev,<br>A. Bakalova                         | Installed equipment and software                                                      |
| WP2.3                                    | Platform Testing                 | Jul 2026 – Sep 2026                            | A. Arzybaev,<br>A. Bakalova,<br>Ch. Zhailoobai k    | Testing reports                                                                       |
| <b>WP3.</b> PhD Program Piloting         |                                  | Oct 2026 – Oct 2027                            | R. Elemanova,<br>Zh. Dotalieva,<br>Ch. Zhailoobai k | Pilot reports,<br>improvement recommendations                                         |
| WP3.1                                    | Program Piloting                 | Oct 2026 – Oct 2027                            | R. Elemanova,<br>Zh. Dotalieva,<br>Ch. Zhailoobai k | Executed pilot, reports                                                               |
| WP3.2                                    | Efficiency & Risk Assessment     | Oct 2026 – Jul 2028                            | B. Tashtobaeva                                      | Analytical reports                                                                    |



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|----------------------------------|----------------------|---------------------|------------------------------------------------------------------------|------------------------------------------|
| WP3.3                            | Platform Adjustments | Nov 2026 – Oct 2027 | A. Arzybaev,<br>A. Bakalova                                            | Improved platform version                |
| WP4 Dissemination, communication |                      | Nov 2025 – Oct 2028 | A. Duyshenalieva<br>Ch. Zhailoobai k,<br>A. Bakalova,<br>N. Degembaeva | Project website, workshops, publications |

#### KSTU D-TIDE PROJECT WORKING GROUP

| N o. | Full Name, Email                                       | Position / Role                                                                       | Responsibility |
|------|--------------------------------------------------------|---------------------------------------------------------------------------------------|----------------|
| 1    | Mirlan Chynybaev<br>rector@kstu.kg                     | Rector, Project Researcher                                                            | WP1            |
| 2    | Almazbek Arzybaev<br>arzybaev@kstu.kg                  | Associate Professor, Department of Engineering and Computer Graphics                  | WP2, WP3       |
| 3    | Rimma Elemanova<br>elemanova@kstu.kg                   | Vice-Rector for Research, Institutional Project Coordinator                           | WP1, WP3       |
| 4    | Burul Tashtobaeva<br>bet75kstu@kstu.kg                 | Scientific Secretary, Project Researcher                                              | WP1, WP3       |
| 5    | Chynara Zhailoobai kyzy<br>ch.jailoobai.kyzy@kstu.kg   | Head of Postgraduate and Doctoral Studies Department, Project Researcher              | WP2, WP3, WP4  |
| 6    | Altynai Duyshenalieva<br>altynai.duyshenalieva@kstu.kg | Director of Science and Professional Development Department, Project Researcher       | WP2, WP4       |
| 7    | Zhanygul Dotalieva<br>zh.dotalieva@kstu.kg             | Head of Mechanics and Industrial Engineering Department, Project Researcher           | WP1, WP3       |
| 8    | Nadira Degembaeva<br>nadira.degembaeva@kstu.kg         | Chief Specialist, Science and Professional Development Department, Project Researcher | WP4            |
| 9    | Aigiuzel Bakalova<br>aigiuzel.bakalova@kstu.kg         | Director of IT Department, Project Technical Staff                                    | WP2, WP3, WP4  |
| 10   | Kymbat Mamytova<br>k.mamytova@kstu.kg                  | Deputy Chief Accountant, Project Administrative Staff                                 | WP1            |