«Алматы технологиялық университеті» Акционерлік қоғамы («АТУ» АҚ)

**ALMATY TECHNOLOGICAL UNIVERSITY**

Акционерное общество «Алматинский технологический университет» (АО «АТУ»)

**Educational-methodical management-project management group
by the areas of training personnel with higher and postgraduate education
JSC «Almaty Technological University» (EMA-PMG)**

«APPROVED BY»
**Chairman of the EMA – PMG**
_____T. Kulazhanov
«____»_____20____ y.
protocol №_____

**PROJECT CHARTER**
**«Academic network of universities-members of the EMA-PMG
JSC «Almaty Technological University»**

**Deputy Head of the EMA-PMG**        _____ **B. Nurakhmetov**

**Chief Manager of the EMA-PMG**        _____ **L. Baybolova**

**Project Manager**        _____ **E. Medvedkov**

**Date of change:**

№1 «____»_____20____ y.
№2 «____»_____20____ y.

**MODERNISATION OF HIGHER EDUCATION IN CENTRAL ASIA
THROUGH NEW TECHNOLOGIES
(HiEdTec)**

Co-funded by the
Erasmus+ Programme
of the European Union

The project «Academic network of universities-members of the EMA-PMG JSC «Almaty Technological University» is being implemented as part of the project «Modernization of higher education in Central Asia through new technologies» (HiEdTec), carried out under the Erasmus+ program.

The creation of an ACADEMIC NETWORK OF UNIVERSITIES is one of the main objectives of the Eurasian project «Modernization of higher education in Central Asia through new technologies».

The ACADEMIC NETWORK will continue to function after the formal completion of the project, thereby contributing to the dissemination of the results obtained and their sustainability.

## 1 BRIEF PROJECT INFORMATION

| | |
|---|---|
| **Name** | «Academic network of universities-members of the EMA-PMG JSC «Almaty Technological University» |
| **Purpose** | Exchange of experience and results in the field of innovative educational technologies and didactic models |
| **Requirements for project results:** | |
| ***Project quality criteria Indicators*** | 1) An academic network for the exchange of experiences and best practices in the field of innovative educational technologies and didactic models.<br>Number of universities - at least 5<br>Stability (overall reliability) - by 2021 100 mb / s.<br>The number of developments - 1 training course in each university.<br><br>2) Methodical recommendations for the use of innovative educational technologies and didactic models in the educational process.<br>Quantity - 1 methodical recommendation from each university.<br><br>3) Courses for the preparation and advanced training of the teaching staff of universities in the field of innovative educational technologies and didactic models.<br>Number of courses - 3 training courses in each university.<br>The number of listeners is 200 registered users by 2021. |
| **Terms of implementation** | 2021 (2 calendar years) |
| **Customer** | Educational-methodical association |
| **User (Beneficiary)** | Universities |

## 2 DESCRIPTION OF THE PROJECT

| **Relevance and problems being solved** |
|---|
| *Prerequisites:*<br>1) Resolution of the Government of the Republic of Kazakhstan dated December 12, 2017 No. 827 On approval of the State Program "Digital Kazakhstan" (as amended on April 19, 2019);<br>2) State program for the development of education and science of the Republic of Kazakhstan for 2020-2025;<br>3) Action plan for the implementation of the State Program for the Development of Education and Science of the Republic of Kazakhstan for 2020-2025;<br>4) The concept of adapting the system of higher and postgraduate education to the digital generation, taking into account the specific conditions in Kazakhstan.<br>Relevance and problems to be solved:<br>1) Dissemination of innovative teaching methods among universities.<br>- the creation of an academic network among universities that are part of the Educational and Methodological Association of the Republican educational and methodological staff at ATU, for the exchange of experience and best practices in the field of innovative educational technologies and didactic models.<br>- promotion of an academic network for the exchange of experience and best practices in the field of innovative educational technologies and didactic models among universities that are part of the educational and methodological association of the republican educational and methodological staff.<br>2) Train teachers to innovative teaching methods.<br>- development of guidelines for the use of innovative educational technologies and didactic models in the educational process.<br>- organization of courses for training and advanced training of the teaching staff in the field of innovative educational technologies and didactic models. |

## 3 RISKS OF THE PROJECT

| Types of risks | Risks |
|---|---|
| **Technical** | 1) The risk of errors in design development, academic network.<br>2) The risk of using untested technologies and techniques, non-compliance with established rules and regulations<br>3) Risk of data loss.<br>4) Risk of external power outage or internet channel.<br>5) Risk of load on the server.<br>6) Risk of attack on network servers. |
| **External** | Risk of insufficient interconnection with regions. |
| **Organizational** | 1) Risk of unawareness of end users regarding the principles of working with information or information systems. |
| **Managerial** | 2) The risk of imperfection of the quality control system for digital educational resources. |
| **Financial** | The risk of late receipt of documented information on the functioning of all processes. |

## 4 STAKEHOLDERS OF THE PROJECT

| Stakeholders | Brief description of interaction |
|---|---|
| Educational-methodical association, Universities | Academic network approbation |
| Authorized body in the field of education | Filling content |
| Academic network users | Online meetings with partner universities, including foreign ones; meeting with partners at meetings of the educational and methodological association-project management group, discussion of learning outcomes by discipline at section meetings. |

## 5 CALENDAR PLAN

| №№ | Project stages and their content | Start | End |
|---|---|---|---|
| 1. | Formation of a team and responsible executors in each university | 10.01.2020 | 29.02.2020 |
| 2. | Development of a course program for the preparation and advanced training of the teaching staff in the field of innovative educational technologies and didactic models. | 01.03.2020 | 31.03.2020 |
| 3. | Development of guidelines for the use of innovative educational technologies and didactic models in the educational process. | 01.04.2020 | 15.06.2020 |
| 4. | Installation and adjustment of the server for the platform | 01.04.2020 | 29.05.2020 |
| 5. | Development of a platform image for an academic network | 01.05.2020 | 29.05.2020 |
| 6. | Training of trainers in innovative educational technologies and didactic models. | 01.06.2020 | 30.06.2020 |
| 7. | Filling the platform with ATU materials, ensuring the stable operation of the network | 01.07.2020 | 28.08.2020 |
| 8. | Training of teachers of partner universities of the project management group in innovative educational technologies and didactic models. | 02.09.2020 | 09.10.2020 |
| 9. | Organization of the development of educational materials by teachers of partner universities using innovative educational technologies and digital educational resources | 12.10.2020 | 30.11.2021 |
| 10. | Placement of educational materials by teachers of partner universities using innovative educational technologies and digital educational resources | 12.10.2020 | 30.11.2021 |
| 11. | Placement on the platform of the academic network of materials for the exchange of experience and achievements in the field of innovative technologies | 01.10.2020 | 30.11.2021 |
| 12. | Organization of working meetings based on the results of the project in accordance with the schedule of meetings of the educational and methodological association-project management group at ATU | 01.06.2020 | 30.11.2021 |

| № № | Project stages and their content | 2020 | | | | | | | | | | | | 2021 | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| 1 | Formation of a team and responsible executors in each university | █ | █ | | | | | | | | | | | | | | | | | | | | | | |
| 2 | Development of a syllabus for a course on training and advanced training of the teaching staff in the field of innovative educational technologies and didactic models. | | | █ | | | | | | | | | | | | | | | | | | | | | | |
| 3 | Development of guidelines for the use of innovative educational technologies and didactic models in the educational process. | | | | █ | █ | █ | | | | | | | | | | | | | | | | | | | |
| 4 | Installation and adjustment of the server for the platform | | | | █ | █ | | | | | | | | | | | | | | | | | | | | |
| 5 | Development of a platform image for an academic network | | | | | | █ | | | | | | | | | | | | | | | | | | | |
| 6 | Training of trainers in innovative educational technologies and didactic models. | | | | | | | █ | | | | | | | | | | | | | | | | | | |
| 7 | Filling the platform with ATU materials, ensuring the stable operation of the network | | | | | | | | █ | █ | | | | | | | | | | | | | | | | |

| 8 | Training of teachers of partner universities of the project management group, innovative educational technologies and didactic models. |
| 9 | Organization of the development of educational materials by teachers of partner universities using innovative educational technologies and digital educational resources |
| 10 | Placement of educational materials by teachers of partner universities using innovative educational technologies and digital educational resources |
| 11 | Placement on the platform of the academic network of materials for the exchange of experience and achievements in the field of innovative technologies |
| 12 | Organization of working meetings based on the results of the project in accordance with the schedule of meetings of the educational and methodological association of the republican educational and methodological council at ATU |

Picture 1 - Gant Diagram

**Project Manager** _____ **E.Medvedkov**

**Name of the project:**
Creation of an academic network among the universities of the Republic of Kazakhstan for the exchange of experience and best practices in the field of innovative educational technologies and didactic models.

**Project timeline:**
2 years

**Project Manager:**
E.Medvedkov - Dean of the Faculty of Distance Learning ATU, Doctor of Technical Sciences, Professor.

**Project team:**
Members of the educational and methodological association in the areas of training personnel with higher and postgraduate education at the Almaty Technological University

**Project goal:**
Creation of an academic network among the universities of the Republic of Kazakhstan for the exchange of experience and best practices in the field of innovative educational technologies and didactic models.

**Project objectives:**
1) Creation of an academic network among the universities of the Republic of Kazakhstan for the exchange of experience and best practices in the field of innovative educational technologies and didactic models.
2) Development of guidelines for the use of innovative educational technologies and didactic models in the educational process.
3) Organization of courses for training and advanced training of the teaching staff in the field of innovative educational technologies and didactic models.
4) Promotion of an academic network for the exchange of experience and best practices in the field of innovative educational technologies and didactic models among universities of the Republic of Kazakhstan and Central Asian countries.

**Results:**
1) Academic network for the exchange of experience and best practices in the field of innovative educational technologies and didactic models.
2) Methodological recommendations on the use of innovative educational technologies and didactic models in the educational process.
3) Courses for the preparation and advanced training of the teaching staff of universities in the field of innovative educational technologies and didactic models.


    **Project Manager** _____ **E.Medvedkov**