# §30

**PROVISION ON THE IMPLEMENTATION OF THE RESEARCH RESULTS IN ACADEMIC PROCESS**

1. **Basic provisions**

1. Provision "On the introduction of the research results in the academic process" establishes common requirements for the implementation of the scientific results into the educational process of Al-Farabi Kazakh National University.

2. According to the University’s Development Strategy the main objectives are the following:

- training of highly- qualified specialists of new generation, being able to be adapted to rapidly changing socio-economic conditions;

- realization of the new innovation university model, organically combining the best international experience and domestic potential of higher education and science and ensuring the full integration of the University in the world academic space;

- development of modern educational technologies, import and adapting of foreign training technologies with the aim of enhancing the status of al-Farabi Kazakh National University as the leading academic, methodical and scientific center of higher education in Kazakhstan;

- conducting of fundamental and applied research with the access to the scientific results of the global and national levels and their implementation in the economy and society and ensuring effective integration of science and education.

The implementation of the above mentioned objectives requires the planned, updating content of educational programs through the introduction of the research results of scientific work (hereinafter – ScientificResearch Institutes).

3. The Scientific Research Institute’s purpose is to provide the integration of the research activities and education.

4. The implementation objects are the developments which are prepared on the research results.

5. The introduction of the achievements of the research staff in training programs provides updated and actual nature of education, its high scientific and methodical level, students’ interest in the knowledge acquisition enabling them to use it in their future profession and involving students into such forms of scientific activities as research projects, presentations at scientific conferences, participation in contests of scientific works, publications in periodicals, conference proceedings, being co-authors in patents presentations.

6. Implementation of research results by SRW on the content can be:

- new theoretical outcomes and findings;

- new techniques, research methods;

- using of modern equipment and the latest appliances;

- practical application of SRW results in specific areas;

- and other scientific achievements.

7. The chair, faculty are the main organizational units that provide the implementation of the research results .The Dean of the Faculty is responsible for coordinating and monitoring of the implementation of research results in the academic process.

**2. Forms of research results implementation in the educational process**

8. The forms of the SRW research results implementation in the academic process are diverse, covering all the elements of the educational activity, and may vary periodically within the same academic program.

9. The forms of the research results implementation in the academic process are the following:

• delivering problematic lectures on the SRW research subject in relation to the future professional students’activity;

• introduction of new sections in the theoretical chapters , lectures and seminars;

• extension of the list of compulsory and additional educational literature by SRW research topics;

• introduction of new forms of work into the laboratory practice in curriculum subjects;

• development of new research methods, analysis, identification of compounds;

• mastering the ways and principles of working on new devices;

• writing articles, course papers, reports, theoretical surveys on the subjects the of SRI;

• theoretical and practical trip trainings in educational and research centers related to the R & D chair;

• students’ implementation of research projects on scientific chair’s directions;

• involving students into the experimental researches on the R & D subjects;

• training of students for participating in student's scientific conferences (abstracts and experimental sections);

• training of students for participating in scientific conferences at the national and international levels;

• involving students in the arrangement of publications on the SRW results;

• students’ development and design of the chair's stands, posters, slides, multimedia presentations on the SRW problematic issues and research results;

This provision does not limit the forms of the implementation of research results.

With the introduction of research results into the academic process it is advisable to use the broadest possible range of informational resources containing information about the SRI research team: monographs; patents; scientific articles and reviews, published in top scientific journals included in the database of the ISI, Web of Knowledge, Thomson Reuters, or in Scopus database, conference, congress, symposium proceedings; poster presentations and meetings at high-level conferences; theses to be defended and other sources of scientific information.

**3. The procedure for the scientific research results implementation in the academic process**

11. Implementation of the SRW research results on the scientific, innovation, and other projects.

12. Implementation of the SRW research results are carried out by the chairs.

13. Implementation of the research results are carried out by stages:

**1) Approbation results:**

- the developer reports at the chair sitting the presupposed possibilities and results of the object and its implementation in the academic process for a particular specialty, discipline, type of classes.

- the Chair takes the decision after the meeting discussion on the possibility of the research results introduction in the educational process . The authors and teachers participating in the implementation of the development, provide the adjustment of existing educational- methodical complexes of disciplines, courses of lectures, seminar materials, practical and laboratory studies in conformity with the curriculum of the discipline; form the scientific information and training materials, including electronic media for the University teaching staff.

- the approbation period shall be determined during the validation of the development in the educational process.

2) Evaluation of the effectiveness of the implementation of research results in the educational process and receiving an Act on it (hereinafter - Act):

3) On the expiration of the approbation period, the chair holds a meeting, where the teachers who used the new developments make their reports and takes the decision to petition before the Methodical Bureau of the Faculty on the Act’s approval of the research results implementation in the academic process.

4)The chair's meeting protocol indicating the effectiveness of the implementation, the number of lecture hours, practical, seminar, laboratory classes, and syllabi, reflecting the implementation is submitted to the Faculty Methodical Bureau for consideration and subsequently to the University Commission for consideration.

5) The University Commission meetings on consideration of petitions for the Act’s approval are held as often as it is necessary. The committee consists of Vice-Rector for Academic Affairs (Chairman), Director of the Department for Academic Affairs, Director of the Department of Research and Innovative Activities, Head of the Department (bachelor) or the Director of the Institute of postgraduate education (Master’s and Doctorate Degree studies), Dean and Chairman of the Methodical Bureau of the relevant department.

6) After all the received documents being considered, the Commission shall make the decision on the Act’s approval or non-approval

7) In case of a positive decision, the Act is agreed upon with the Vice Rector for Research-Innovation Affairs, approved by the Vice-Rector for Academic Affairs and signed by the Commission members.

14. The Act is registered in the Academic department (undergraduate) or at the Institute of postgraduate education (Master’s and Doctorate Degree studies).

15. According to the Commission decision the authors can be issued a certificate confirming the implementation of research results at the university in the educational process to ensure high efficiency of goals and objectives achievements indicated in§§ 2- 3 of the present Provision

16. The Acts of introduction of implementation results are issued to:

- the chairs, where the projects are introduced and the project developers who provide support for the objects of the implementation (consulting colleagues); monitoring the progress of further realization and its content improvement.

**MINISTRY OF EDUCATION AND SCIENCE OF THE REPUBLIC OF KAZAKHSTAN**

**AL- FARABI KAZAKH NATIONAL UNIVERSITY**

**AGREED**

Vice Rector for Research-Innovation Affairs

Full Name

**APPROVED**

Vice Rector for Academic Affairs,

Chairman of the Commission

Full Name

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**ACT**

**on introduction of the completed research project (stage) in the educational process**

The Commission of Al-Farabi Kazakh National University includes: Chairman:- Vice Rector for Academic Affairs, the members: Director of the Department for Academic Affairs, Director of the Department of Research and Innovative Activities, Head of Educational Department or Director of DAA, Dean of the Faculty(Full name), Chairman of the Faculty Methodical bureau (Full Name), Head of the Chair (Full Name) compiled this Act that in 201 /201 academic year the research results on the theme: "\_ \_" of (full name, degree and title, position) are introduced at the chair.

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| № p/p | Form of introduction(title of the new course, special course, lecture chapters,lab works, instructions, educational manuals, etc. ); course, specialty установки,учебныепособияит. П.);курс,специальность | Volume of introduction (work load, lecture hours) | Brief descriptionof the implemented work |
| 1 | SRW results « » are introduced in course«\_»(credits) Master’s Degree(Bachelor )* course on specialty(code and title)
 | Lectures – hours« \_ »(number of lecture hours) « \_ » (number of lecture hours) |  |
| Laboratory wwwwwwworkworkЛабораторнаяработа |  |

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| --- | --- | --- | --- |
|  |  | work(number of hours) « »  |  |

Materials to the present Act were considered at the Faculty Methodical Bureau’s meeting (protocol № dated 20 – .)

# Commission members:

# Director of the Department of Academic Affairs Full name

# Director of the Department of Research and Innovative

# Activities Full name

# Head of the Educational department on

# Academic Affairs Full name

# Dean of the Faculty (Faculty name) Full name

# Chairman of the Faculty Methodical Bureau(Faculty name) Full name

# Head of the Chair (name of the chair) Full name