

## INNOVATIVE ACTIVITIES OF TECHNICAL DEPARTMENTS FOR THE TRAINING OF MODERN PERSONNEL

**Bakhriniso Bakhtiyorovna Turakulova**

Intern-researcher of the Bukhara Institute of Engineering and Technology

### ABSTRACT

The world practice of integration with manufacturing enterprises in the implementation of innovative activities of technical departments in modern personnel training, specific approaches and integration activities that take into account the interests of manufacturing enterprises and educational institutions in innovative systems are considered.

**Keywords:** education, technical faculty, production, integration, foreign experience, integration activity.

### АННОТАЦИЯ

Рассмотрена мировая практика интеграции с производственными предприятиями при осуществлении инновационной деятельности технических подразделений в современной подготовке кадров, конкретные подходы и интеграционная деятельность, учитывающая интересы производственных предприятий и образовательных учреждений в инновационных системах.

**Ключевые слова:** образование, технический факультет, производство, интеграция, зарубежный опыт, интеграционная деятельность.

Innovative activity is recognized by the countries of the world as a top priority. That is, it is true that one of the most important factors in accelerating the development of society and socio-economic development is the implementation of an effective innovation policy, the introduction of new, advanced technologies based on the achievements of scientific and technological development, new forms of labor organization and management, as well as the results of major inventions. So, let us explain the concepts of innovation and innovation activity as follows. "Innovation" is not synonymous with "introduction of novelty", but is a phenomenon associated with the process of introducing innovations in the form of new knowledge, approaches.

In the practice of our republic in the practice of experimental work carried out by technical departments in the preparation of modern personnel from countries of the world, we recommend the following:

organization of fundamental and practical scientific centers engaged in a relatively narrow scope of research due to maximum penetration into the essence of the object of study, capable of quickly introducing the results of scientific research into practice



development of mechanisms for implementing the integration of technical departments and manufacturing enterprises, as well as effective incentive mechanisms for enterprises producing innovative products and services

creation of a modern organizational structure that manages innovation processes in order to improve the regional organizational structure for the use of scientific and technical products to solve problems in innovation processes

improving the efficiency and quality of scientific and technical products, financial support for science

To create the necessary conditions for the development of intellectual business and the development of the activities of small innovative enterprises at higher educational institutions.

development of the "Enterprise + IHE" system as a form of integration of technical departments and manufacturing enterprises

As can be seen from the above points, integration is a multifaceted concept that provides research and management of the educational process and makes it possible to realize the goal of science.

It is important to open a branch of the department in a production enterprise to establish the innovative activity of technical departments in modern personnel training.

The branch of the department is a part of the study process, which is necessary for strengthening the theoretical part of the subjects of undergraduate education, and is conducted in direct production conditions.

Effective implementation of the principles of integrative cooperation in the educational process, improving the quality and efficiency of the higher technical educational institution, strengthening the material and technical base of the technical departments of the higher educational institution, and improving the educational process are the main goals of the establishment of the branch.

The rector of the higher education institution, heads of technical departments of higher education institutions, leading professors and teachers of the department, directors of production enterprises, heads of

enterprise departments are responsible for the activity of the branch of the department.

The tasks and powers of the branch of the department are as follows:

to strengthen the material-technical and educational-methodical base of the technical departments of the higher educational institution, to equip their laboratory rooms;

to effectively organize and improve the educational process, the qualification practice of students, as well as to later employ graduates of higher education institutions in the association of "OET-enterprise";

to attract qualified and experienced specialists in the field of production and service provision to the educational process;

organization and improvement of working conditions of pedagogues and engineer-pedagogues of higher education institutions, their qualification improvement and retraining;

to create conditions for students and graduates to form their knowledge, skills and qualifications, to complete coursework (projects) and graduation qualification work;

to organize the production of competitive products on the basis of a higher educational institution;

to organize and implement activities aimed at creating a healthy intellectual, moral and psychological environment, an atmosphere of mutual understanding between pedagogues, production masters and employees, and professional, spiritual and physical development of students they help nurture aspiration.

The principle of "integration" of education, as well as the integration of subjects, can be considered in several aspects: as interspecific, interlevel, intersubject and intersubject connectivity of education. At the same time, the latest forms of integration are observed in the methodology of teaching subjects, that is, the ability to use the content of related subjects based on the method of explaining their content, attempts to work independently, as well as using similarity, is observed in methodology and content.

## REFERENCES

1. To'xtayeva Z.Sh. Oliy ta'limda umumkasbiy va ixtisoslik fanlari integratsiyasini ta'minlash metodikasi. Fan dok. diss. Toshkent, 2021. – 223 b.
2. Sharifovna, T. Z., Khamidovna, S. K., & Bakhriniso, T. Improving Higher Education Through Integrated Learning,

Features Of An Integrated Lesson. European Journal of Molecular & Clinical Medicine, 7(03), 2020.

3. BAKHTIOROVNA, T. B. TECHNICAL INNOVATIVE-EDUCATIONAL ENVIRONMENT.

4. Sharifovna, T. Z., & Bakhriniso, T. MODERNIZATION OF HIGHER EDUCATION BY SOLVING INTEGRATION PROBLEMS.

5. Туракулова, Б. Б. (2016). Зависимость вида переплетения нитей в челночном стежке от конструкции челночного устройства. Молодой ученый, (7), 186-189.

6. Туракулова, Б. Б. (2016). Создание и внедрение в практику объектно-ориентированных систем автоматизированного проектирования швейных изделий. Молодой ученый, (11), 505-507.