

**MINISTRY OF HIGHER EDUCATION, SCIENCE AND INNOVATION OF
THE REPUBLIC OF UZBEKISTAN
JIZZAKH POLYTECHNIC INSTITUTE**



**Funded by
the European Union**



**“APPROVED”
Director of the Scientific and Practical Center for Research on Alternative
Energy Sources at Jizzakh Polytechnic Institute**



2025

REGULATION

**OF THE SCIENTIFIC, PRACTICAL, TRAINING AND COWORKING
CENTER FOR RESEARCH ON ALTERNATIVE ENERGY SOURCES
AT THE JIZZAKH POLYTECHNIC INSTITUTE**

Jizzakh 2025

Regulation of the scientific, practical, training and coworking center for research on alternative energy sources of the jizzakh polytechnic institute

I. General provisions

The Scientific and Practical Center for Research on Alternative Energy Sources of the Jizzakh Polytechnic Institute (hereinafter referred to as *the Center*) was established in accordance with paragraph 70 of the minutes of Presidential Assignments No. 9 dated **February 10, 2023**, following the visit of the **President of the Republic of Uzbekistan** to the **Jizzakh region**. The Center was founded to ensure the **timely and high-quality implementation** of the instruction to organize measures for the realization of a project on the **production of silicon-based solar panels** in cooperation with scientists and students of the Jizzakh Polytechnic Institute. Furthermore, the Center was established within the framework of the **ERASMUS+ Capacity Building in Higher Education Project No. 101128871 — DEBSEUz — ERASMUS-EDU-2023-CBHE**, titled *“Developing a Targeted Education Program for Bachelors in Solar Energy in Uzbekistan (DEBSEUz)”*, implemented jointly by the **Ministry of Higher Education, Science and Innovation of the Republic of Uzbekistan**, **seven higher education institutions of Uzbekistan**, and **three universities of the European Union**. The Center aims to conduct **research on energy-related issues**, promote the **practical application** of scientific developments in this field, advance **energy efficiency awareness**, and enhance the **professional qualifications** of personnel.

The Training and Coworking Center is a structural subdivision of the Jizzakh Polytechnic Institute that operates as an institution without the status of a legal entity. The Center has its official name and logo, which are used for the approval of documents signed within the authority of the Director, in coordination with the Rector and the Vice-Rector for Research and Innovation of the Institute. The Training and Coworking Center carries out its activities in accordance with the Constitution and laws of the Republic of Uzbekistan, resolutions of the Chambers of the Oliy Majlis of the Republic of Uzbekistan, decrees, resolutions and orders of the

President of the Republic of Uzbekistan, resolutions and orders of the Cabinet of Ministers, normative and legal acts and instructions of the Ministry of Higher Education, Science and Innovation of the Republic of Uzbekistan, orders of the Jizzakh Polytechnic Institute, as well as this Regulation. In fulfilling its assigned tasks, the Training and Coworking Center closely cooperates with similar scientific research centers in the Republic and abroad, as well as with scientific research institutions of the Academy of Sciences of the Republic of Uzbekistan and with three higher education institutions of the European Union, namely the Politecnico di Torino (Italy), the Universidade de Évora (Portugal), and the Universidad Politécnica de Madrid (Spain), and with seven higher education institutions of the Republic of Uzbekistan, including the Tashkent University of Information Technologies named after Muhammad al-Khwarizmi, the Turin Polytechnic University in Tashkent, the Jizzakh Polytechnic Institute, the Fergana Polytechnic Institute, the Andijan State University, the Tashkent Institute of Irrigation and Agricultural Mechanization Engineers, and the Karakalpak State University named after Berdakh, as well as with other related scientific research institutions. The Center is headed by a Director holding an academic degree, who is directly subordinate to the Vice-Rector for Research and Innovation of the Jizzakh Polytechnic Institute.

II. FUNCTIONS OF THE CENTER

The main purpose of the Training and Coworking Center is to implement the international project No. **101128871 — DEBSEUz — ERASMUS-EDU-2023-CBHE**, titled *“Developing a Targeted Education Program for Bachelors in Solar Energy in Uzbekistan (DEBSEUz)”*, within the framework of the **ERASMUS+ Capacity Building in Higher Education Projects**, and to serve as a platform for the collaboration of research, innovation, and society. The Center conducts activities in the field of **solar energy**, including **teacher retraining**, **short-term courses**, and **professional development programs** for employees, as well as **research on energy-related issues**. In addition, the Center provides **commercial and various service activities** to meet the demand for goods and services. The Center carries out

scientific research aimed at the comprehensive study of **energy problems and alternative energy sources (water, solar, wind)**, promotes **energy efficiency**, and ensures the **continuous professional development of staff**. It conducts scientific research on **energy resources and energy-saving opportunities**, trains scientific and pedagogical personnel in this field, and collaborates with local and foreign partners on **joint research projects**. The Center also studies existing **alternative energy sources** in Uzbekistan and assesses their potential, initiates **new research projects** on energy sources, and organizes **scientific conferences, seminars, and round-table discussions** on renewable energy and energy efficiency. Based on the results of scientific research and analysis in the field of energy efficiency and alternative energy sources, the Center develops recommendations for integrating **energy efficiency concepts** into the subjects and curricula of bachelor's and master's programs at the Institute. It organizes **scientific seminars, discussions, and conferences** dedicated to energy efficiency to enhance the qualifications of teachers and researchers. The Center monitors and ensures the timely implementation of **research projects** carried out within the framework of **state scientific programs** related to energy saving and research. It regularly publishes materials introducing the Center's activities and the scientific results achieved in the field in **national and institutional publications**. The Center organizes the translation of the most significant scientific works on **renewable energy and energy efficiency** into the Uzbek language and attracts **leading scientists in the field of energy** from both Uzbekistan and abroad to participate in its activities. Together with talented students, master's students, and doctoral candidates, the Center develops **startups and innovative projects**, establishes close cooperation with the **scientific institutions of the Academy of Sciences of the Republic of Uzbekistan**, and organizes **scientific seminars and project presentations**. In accordance with its assigned tasks, the Center performs the following functions: it conducts research and introduces scientific developments into production based on the research plans of the Institute and the Center; organizes **seminars, round-table discussions, and conferences** on current issues in the energy sector; prepares **analytical articles and reports** to disseminate research results to the public in accordance with the approved plans of the Institute and the Center; participates in **developing training courses**

and educational materials jointly with foreign specialists; takes part in other analytical projects that do not contradict the goals and objectives of the Institute; involves faculty members, students, researchers, master's students, government officials, representatives of analytical centers and scientific institutions, and foreign specialists in the organization of its activities; coordinates graduation theses, master's and doctoral dissertations, and various research and analytical projects in the field of alternative energy and energy efficiency in cooperation with relevant departments; and studies and applies advanced international practices in conducting scientific research on renewable energy and energy-saving technologies.

III. RIGHTS AND OBLIGATIONS OF THE CENTER

The Training and Coworking Center, in order to carry out its assigned tasks and functions, shall have the following rights: to submit proposals to the management of the Institute regarding the improvement of the Center's activities; to take necessary measures within its competence to fulfill the assigned tasks; to request from the relevant departments of the Institute the documents required for the implementation of the established tasks, as well as, with the consent of the Institute's administration, to request necessary information in the prescribed manner from state bodies and public organizations; to establish relations with other organizations related to the activities of the Center and to develop proposals and recommendations for conducting joint research in coordination with the Institute's administration, based on this Regulation; to form temporary working groups and permanent expert groups on a voluntary basis for conducting scientific and analytical research; and to exercise other rights in accordance with the legislation.

IV. PROCEDURE FOR FINANCING, SOURCES OF FUNDS, AND PROPERTY OF THE CENTER

The activities of the Training and Coworking Center shall be financed from the following sources: revenues obtained from services rendered under contracts; budgetary funds allocated for the implementation of state scientific research programs; the Institute's extra-budgetary funds; proceeds from economic

agreements concluded with various organizations; overhead funds from local and international grants allocated for scientific research projects; as well as other sources of income permitted by law within the powers granted to the Center. The Center may make full use of the Institute's property in accordance with the established procedures. The Center exercises, in the manner prescribed by law, the right to possess, use, and dispose of the property assigned to it by the Institute. The profit derived from the Center's activities within its competence, after the payment of applicable taxes and mandatory fees, shall be directed towards the development of the Center's material and technical base and the material encouragement of its employees. Property and assets acquired through revenues from economic, scientific, and practical activities, as well as from charitable contributions, sponsorship funds, and gratuitous receipts, shall be considered the property of the Institute.

V. FINAL PROVISIONS

Amendments and additions to this Regulation shall be made in accordance with the procedure established by the legislation. The Center may be reorganized or liquidated in the prescribed manner based on the recommendation of the Academic Council of the Institute.

This Regulation was reviewed and approved at the meeting of the **Scientific and Practical Center for Research on Alternative Energy Sources of the Jizzakh Polytechnic Institute** held on **September 9, 2025.**

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