

**ANALYSIS OF THE IMPLEMENTATION OF THE SPACECOM
PROJECT IN THE NETWORK CENTER FOR RECYCLING AND
PROFESSIONAL IMPROVEMENT OF TEACHERS AT TASHKENT
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Abstract: The article reveals the features of the implementation of the Erasmus + project “New study program in space systems and communications engineering - Spacecom” at the Industry Center for Retraining and Advanced Training of Teaching Staff at the Tashkent University of Information Technologies named after Al-Khwarizmi.

Keywords: project, space systems and telecommunications, content, advanced training.

The Erasmus+ project “New study program in space systems and communications engineering - Spacecom” (609715-EPP-1-2019-1-UZ-EPPKA2-CBHE-JP) is a project funded by the European Commission under the Erasmus+ program. This project is being implemented from November 15, 2019 to November 14, 2023.

The grantholder of the Erasmus + SPACECOM Project “New study program in space systems and communications engineering” is the Tashkent

University of Information Technologies named after Al-Khwarizmi (hereinafter TUIT).

The project consortium includes 13 educational institutions from five countries - Germany (Berlin technical University, EXOLAUNCH), France (Sorbonne University), Belgium (Artesis-Plantijn University of Applied Sciences), Bulgaria (Sofia technical University) and Uzbekistan. Uzbekistan is represented by eight leading universities: the Tashkent University of Information Technologies named after Al-Khwarizmi, the Karshi branch of the Tashkent University of Information Technologies, the Branch Center for Retraining and Advanced Training of Teachers at the Tashkent University of Information Technologies named after Al-Khwarizmi (hereinafter referred to as the Branch Center of TUIT), the Fergana Polytechnic Institute, Turin Polytechnic Institute in Tashkent, Tashkent State Technical University, National University of Uzbekistan, Institute of Astronomy of the Academy of Sciences of the Republic of Uzbekistan.

The overall goal of the SPACECOM project is to modernize existing curricula in the field of space systems and engineering communications. In accordance with the common goal, new curricula have been developed in six universities of the Republic of Uzbekistan in accordance with the latest achievements in this field, the requirements of the labor market and the Bologna process. At the same time, the main attention is focused on the content of new and modernized training courses, their structure, innovative teaching methods and the use of modern teaching materials, taking into account the European standard of higher education.

The specific goal of the SPACECOM project at the TUIT Industry Center is to improve the advanced training courses for teaching staff of higher educational institutions based on the introduction of new modules on the topic

"Space Systems and Telecommunications" and its implementation in practice.

At the same time, the main specific tasks of the SPACECOM project at the TUIT Industry Center are:

1) Analysis of existing advanced training courses for teaching staff of higher educational institutions that are suitable for the field of "Space systems and telecommunications".

2) Definition of the target audience for advanced training of teaching staff of higher educational institutions in the field of "Space systems and telecommunications".

3) Development of improved programs and teaching materials for advanced training courses for teaching staff of higher educational institutions, which are suitable for the field of "Space systems and telecommunications".

4) Accreditation and implementation of improved programs and teaching materials for advanced training courses for teaching staff of higher educational institutions, which are suitable for the field of "Space systems and telecommunications".

To implement the SPACECOM project, an integrated team was created at the TUIT Industry Center, which included 4 specialists:

1) project coordinator and responsible for quality (Feruza Zakirova, Ph.D., prof.);

2) responsible for financial matters (Mirzhalol Rakhmatullaev, chief accountant of the Industry Center at TUIT);

3) teacher-researcher and course developer (Khaidar Madaminov, DSc);

4) methodologist and responsible for dissemination (Shakhnoza Pozilova, PhD).

The project team over the years of the Erasmus + project “New study program in space systems and communications engineering - Spacecom” has



done some work.