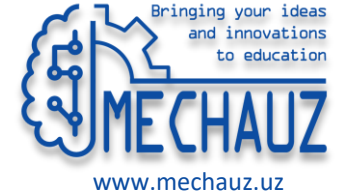




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MODERNIZATION OF MECHATRONICS AND ROBOTICS FOR BACHELOR DEGREE IN UZBEKISTAN
THROUGH INNOVATIVE IDEAS AND DIGITAL TECHNOLOGY
609564-EPP-1-2019-1-EL-EPPKA2-CBHE-JP



ACTIVITIES OF THE PROJECT

Javlonbek Rakhmatillaev

Tashkent, Uzbekistan, 15-19 May 2023



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TECHNOLOGY

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P7_Andijan machine-building institute



Project web-site: www.mecha.uz



Project YouTube channel



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WORK PACKAGE 2: DEVELOPMENT OF THE NEW BSC PROGRAM

2.1. Developing a new scheme of cooperation for university-industry links based on EU skills in Mechatronics sphere.

Leader:

LiePU

Expected
Deliverable/Results/Outcomes:

Report

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acentrs@liepu.lv

WORK PACKAGE 2: DEVELOPMENT OF THE NEW BSC PROGRAM

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2.2. Development of new Bachelor's program (textbooks, manuals, soft skills and new teaching methodology) in Mechatronics. In this activity, 12 courses will be developed.

Leader:	VG TU/TSTU
Expected Deliverable/Results/Outcomes:	Report/Teaching materials

#	Name of the selected course	Selected by	Materials
1	Digital automatics	AndMI	Lectures, practice and laboratories, enriched by textbooks, manuals and pedagogical methods
2	Robot modeling	AndMI	
3	Design of Machine Elements and CAD/CAM	TTPU	
4	Industrial Automation	TTPU	
5	Computer programming	TUIT	
6	Microcontroller Based Design	TUIT	
7	Control Systems	TSTU	
8	Electronics Devices and Circuits	TSTU	
9	Mobile robots	KEEI	
10	Artificial intelligence and intelligent robotic systems	KEEI	
11	Mechatronics System Design	FPI	All course materials should be in the UZBEK language
12	Robotics	FPI	



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WORK PACKAGE 2: DEVELOPMENT OF THE NEW BSC PROGRAM

2.2. Development of new Bachelor's program (textbooks, manuals, soft skills and new teaching methodology) in Mechatronics. In this activity, 12 courses will be developed.

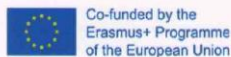
Leader:

VG TU/TSTU

Expected
Deliverable/Results/Outcomes:

Report/Teaching materials

O.X.OTAQULOV, E.T.MAMUROV, YU.YU.XUSANOV



MEXATRONIKA ASOSLARI



O.X.OTAQULOV, E.T.MAMUROV, S.M.YUSUPOV



YO'NALISHGA KIRISH





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ΔΙΕΘΝΕΣ
ΠΑΝΕΠΙΣΤΗΜΙΟ
ΤΗΣ ΕΛΛΑΔΟΣ



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EUROPEAN
RESEARCH
CENTRE



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TURIN POLYTECHNIC
UNIVERSITY IN
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Farg'ona
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Tashkent University of
Information Technologies
named after Muhammad
al-Khwarizmi



Karshi Engineering
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Ministry of Higher and
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WORK PACKAGE 4: ESTABLISHMENT OF I-LABS, TRAINING CENTRE AND SOCIETY

4.1. Innovation laboratories (I-LAB), Training Centre and Mechatronics Society of Uzbekistan

Leader:

ViA/AndMI

Expected
Deliverable/Results/Outcomes:

Report/Service/Laboratory/Center/Society

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Official opening of Central Laboratory, center, Society and
Final Conference in Mechatronics will be held in Andijan,
Uzbekistan, October 2023



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WORK PACKAGE 5: QUALITY CONTROL AND MONITORING

5.1. Quality Control and Monitoring

Leader:

SEERC

Expected
Deliverable/Results/Outcomes:

Report

SPECIAL OFFER

Strongly agree ☐
Agree ☒
Disagree ☐
Strongly disagree ☐



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WORK PACKAGE 6: DISSEMINATION/EXPLOITATION

6.3. Periodically publishing the achieved results in the project website, newspapers, magazines, brochures, and scientific conferences and journals.

Leader:

FPI

Expected
Deliverable/Results/Outcomes:

Report/Service/roduct

SPECIAL OFFER



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WORK PACKAGE 7: MANAGEMENT



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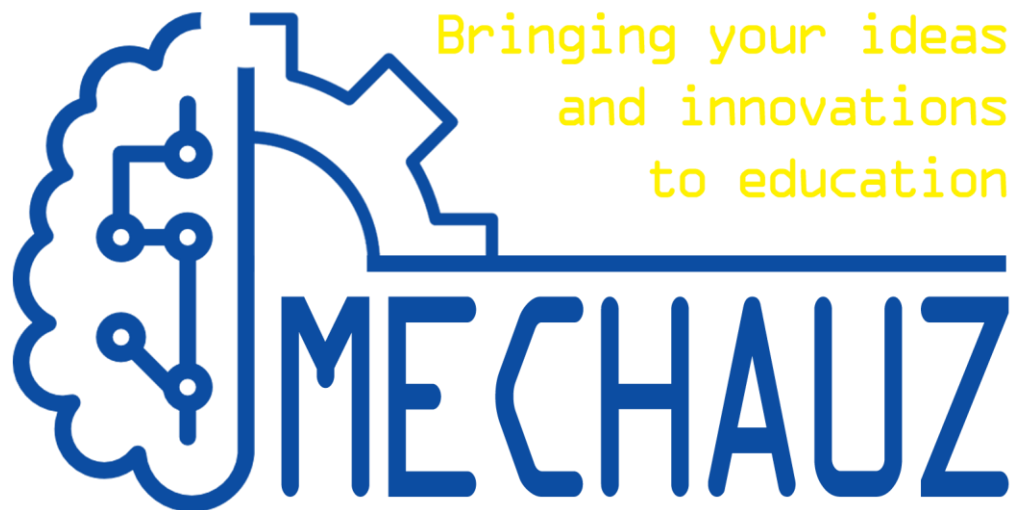


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THANK YOU

FOR YOUR ATTENTION