



# ESTABLISHMENT PLAN



## OBJECTIVES OF ESTABLISHMENT

Establishment is the main innovative point of the project. The objectives of the Establishment:

- **I-LABs.** They will be equipped with specialized laboratory technologies utilized in EU HEIs and will serve not only the undergraduate students but also graduate students, researchers and teachers and will support the knowledge cycle: training-teaching-innovation. The lab equipment will be selected based on the outcomes of conducted need analysis of industrial enterprises and as well as respective HEIs. Therefore, the list of necessary equipment, software and devices will be prepared, reviewed and approved by the beneficiary HEIs. Upon approval selected equipment and devices will be installed and lab experiments will be conducted;

- **Training Centre** will provide further need based education and support the training of students/researchers/engineers in HEIs of UZB and will be established at AndMI, Uzbekistan;

**Mechatronics Society.** It will be established using the best practices of EU. The primary objective of the Mechatronics Society will be promoting research, development and engineering science in the field of Mechatronics and disseminate the results of project. The tasks are to design the structure of the mechatronics society and to develop the rules and regulations for administration and membership.



No	Activities of WP4	Tasks	Partner	Leader	2020				2021/2022		
					M11	M12	M13	M14	M15	M16	M17-28
1	Establishment of iLabs	Selecting the list of equipment	P7, P8, P9, P10, P11, P12	P7							
		Selecting the offers and tendering procedure	P7, P8, P9, P10, P11, P12	P7							
		Make an agreement, transferring money and Customs clearance procedure of equipment purchased	P7, P8, P9, P10, P11, P12	P1, P7							
		Installing the equipment	P7, P8, P9, P10, P11, P12	P7							
		Developing iLab materials and handbooks	P7, P8, P9, P10, P11, P12	P5							
2	Establishment of Center	Developing the Concept of Center	P1, P6, P7, P10	P7							
		Approving and accrediting	P13, P7	P13							
		Training	P7	P7							
3	Establishment of Mechatronic Society	Developing the Concept of Society	P1, P6, P7, P10	P6							
		Design of the structure of the Mechatronics society	P7, P13	P7							
		Developing the rules and regulations for administration and membership	P7, P13	P7							
		Approving and accrediting	P13, P7	P13							

We are here now



#	Tile of the equipment	Parts of Equipment	Listed in proposal	Offered by
1	NI Quanser QNET Mechatronic – all modules by NI	<ul style="list-style-type: none"> <li>NI ELVIS III</li> <li>Quanser Mechatronics Sensors Board for NI ELVIS III</li> <li>Quanser Mechatronics Actuators Board for NI ELVIS III</li> <li>Quanser Mechatronics Systems Board for NI ELVIS III</li> <li>Quanser Controls Board for NI ELVIS III</li> <li>Digilent Digital Electronics for NI ELVIS III</li> </ul>	Yes	P7, P10
2	Education -Belt Conveyor	<ul style="list-style-type: none"> <li>Conveyor with two PLC-controlled processing stations</li> </ul>	No	P8, P9, P11, P12
3	Plc Training Pack	<ul style="list-style-type: none"> <li>Cpu 1215c Ac / Dc / Rly Promotion Plc Package S7-1200 + License-For Teachers</li> </ul>	No	P8
4	Equipment programming and installation services	<ul style="list-style-type: none"> <li>Mangano Robot Srl</li> </ul>	No	P8
5	Training Robot	<ul style="list-style-type: none"> <li>CRT 10 Training robot basic set</li> </ul>	No	P9, P11, P12
6	UniTrain System	<ul style="list-style-type: none"> <li>Computer-based training and experimentation system</li> <li>UniTrain component kit, dc motor</li> <li>UniTrain-i breadboard system with cable set (140 pcs)</li> </ul>	No	P9, P11, P12
7	UniTrain courses with training boards	<ul style="list-style-type: none"> <li>Course - Electric Machines 5: Stepper motors</li> <li>Course - Electric Machines 6: Linear motors</li> <li>Course - Electric Machines 7: BLDC/servo motors</li> </ul>	No	P9, P11, P12



# WEBSITE CHANGES



**MODIFIED**





RESULTS

Title	Download
Logo of the MechaUz project	<a href="#">Download the file</a>
Guidelines for MechaUz site registration	<a href="#">Download the file</a>
Agenda for Kick-off meeting in Thessaloniki	<a href="#">Download the file</a>

Added result’s panel to all Activities.

Managing the VideoConference

 **Video Conference** 

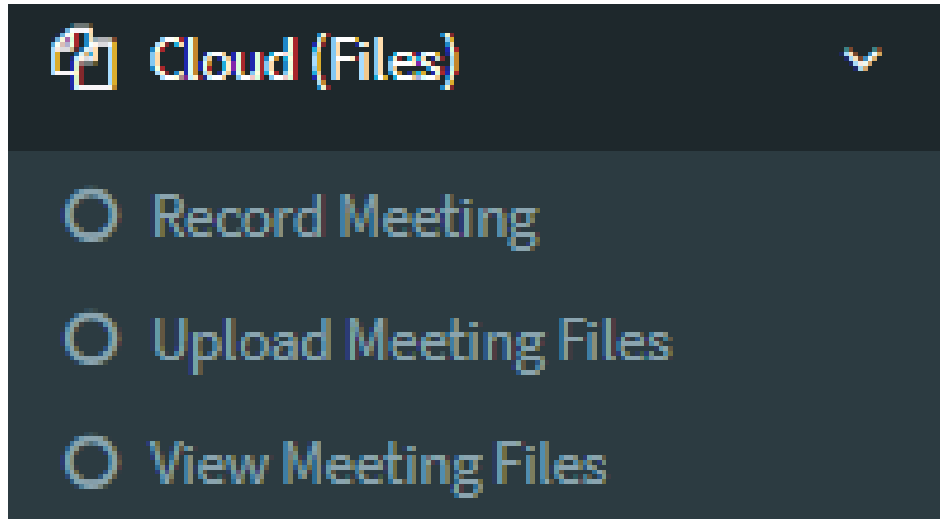
Create Meeting Conference

Video Conference

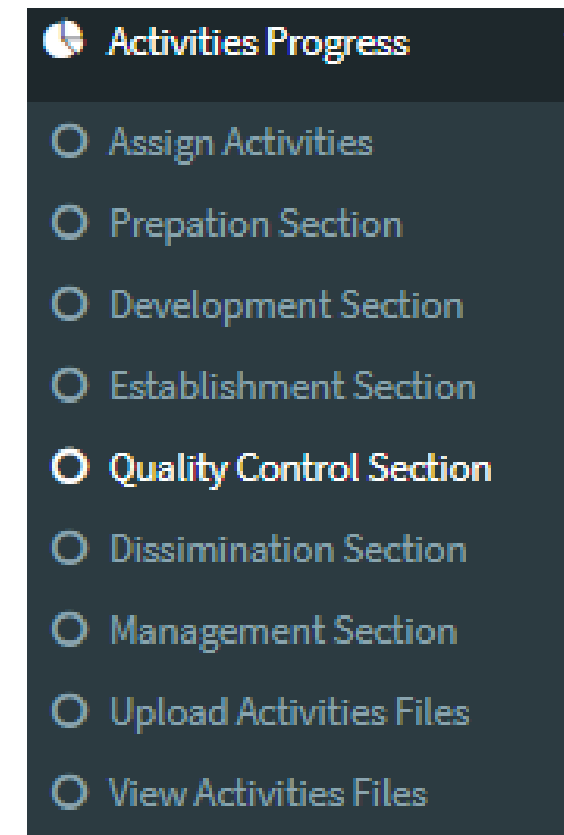
Conference Attendance



Added Cloud panel for sharing the results.



Controlling the activities







**COMING UP**



Opportunities of subscribe for the results

Change the Erasmus logo



Co-funded by the Erasmus+ Programme of the European Union

Getting the job done properly

41,216  
projects from 21k  
customers done so far

98.6%  
rate us with  
5 out of 5 stars

78%  
of our new clients  
return with more work

Add the Counter blocks