

Erasmus+ strategic partnership for Higher Education  
Project 2019-1-RO01-KA203-063153



Development of mechatronics skills and  
innovative learning methods for Industry 4.0

PRESS RELEASE

EU research project MIND presents results through pilot platform questionnaire

MIND Platform for learning new skills in mechatronics within the  
network for Industry 4.0

Published: 24 June 2021



MIND Platform for learning new skills in mechatronics within the network for Industry 4.0.

Select the topic you are interested in :

Physical Systems Modeling, Smart Manufacturing and Automation with Industry 4.0	Sensors and Actuators, Digitalization and Industry 4.0	Signals and Systems, Implementation of new manufacturing technologies and systems for Industry 4.0	Computers and Software, Virtual reality as a new trend in mechatronics engineering education, VR models in MATLAB/Simulink
Data Acquisition, Vision technology (VT)	Mechatronic hardware examples involving Arduino and Raspberry Pi hardware with MATLAB/Simulink integration	PLC based Project on Mechatronics System for Industry 4.0	Internet of Things, Digitalization, Industry 4.0, Cyber Physical Systems and Mechatronics

Fig.1- Screenshot from MIND platform interface



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


The European Commission's support for the production of this publication does not constitute an endorsement of the contents, which reflect the views only of the authors, and the Commission cannot be held responsible for any use which may be made of the information contained therein.

EU founded Erasmus+ project MIND (Development of mechatronics skills and innovative learning methods for Industry 4.0, Project Reference: 2019-1-RO01-KA203-063153) is getting closer to it's end after close to three years and after facing the current pandemic times.

MIND project has following main objectives:




1. Determine the most common mechatronics skills that are required for Industry 4.0 within the region of the partner countries.
2. Raise the employability of students, the relevant knowledge, and competences, considering the needs of companies that implement Industry 4.0 concepts.
3. Enhance the learning experience of teaching staff and students by the construction of an online e-learning platform that will support courses and learning materials regarding state-of-the-art industrial topics.
4. Enhance and construct cross-sector synergies through the cooperation of higher education institutions and the representatives of private sector with the scope of narrowing the gap between the requirements of companies and actual skills developed through actual higher education curricula.

**Erasmus+ strategic partnership for Higher Education**  
Project 2019-1-RO01-KA203-063153

 **Development of mechatronics skills and innovative learning methods for Industry 4.0**

### MIND- Pilot platform

Please complete this survey regarding the MIND platform and its materials.

  [Switch account](#)  Draft restored

\* Required

Name \*

Your answer

Age \*

Your answer

Fig.2- Questionnaire designed for users of the MIND platform

The results of MIND project were based on determining the relevant skills and actual technologies used by Industry 4.0 and the path that can be followed by students and teaching staff to achieve state-of-the-art knowledge and competences by using the educational MIND platform through taking the online video courses.

A questionnaire was created for people who have used the MIND pilot platform to see which things can be changed or improved. This consisted of eight questions relevant for the developers of the platform. The responses indicated that half of the persons that were interested in the MIND project, also used the platform (Fig.3).

Did you use the MIND platform?

Answers

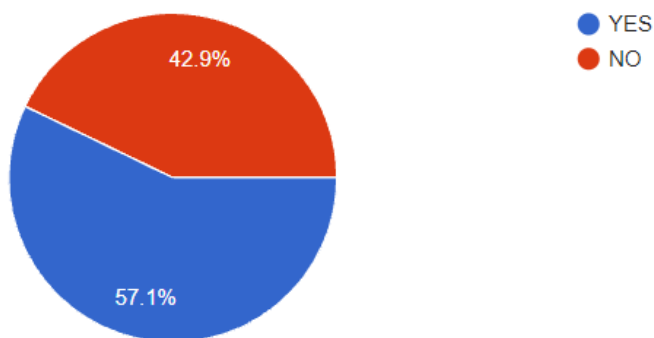


Fig.3- Response regarding the use of MIND platform

On a scale from 1 to 10 (1 is not satisfied and 10 is very satisfied) how did you find the online platform?



Answers

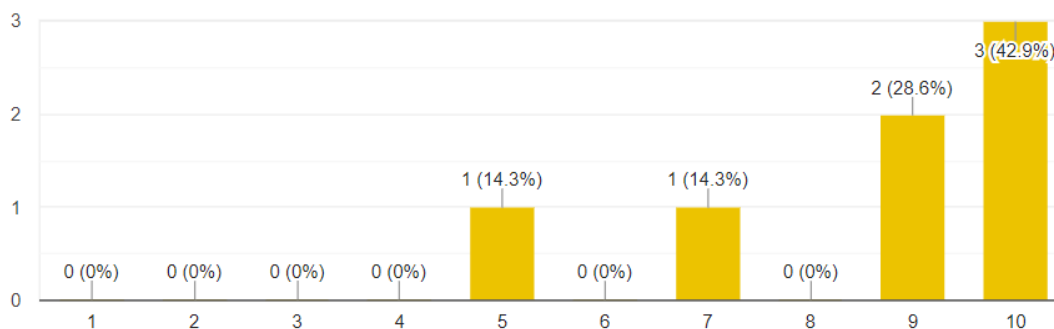


Fig.4- Level of satisfaction regarding the platform

As shown in Figure 4, people who used the platform were satisfied with it and have been able to learn different new skills and enhance their experience in the mechatronic field.

More about the project and its results at:  
<https://www.project-mind.eu/index.php>