

EDU-VET

E-Learning, Digitisation and Units for Learning at VET schools – Creating online Learning Environments in Technical Education for European metal industry

IO3: Evaluation report

CIFP SOMESO

Project title: E-Learning, Digitisation and Units for Learning at VET schools – Creating online Learning Environments in Technical Education for European metal industry

Acronym: EDU-VET

Project number: 2019-1-DE02-KA202-006068

Introduction

The study for the evaluation of the EDU-VET blended learning platform has been carried out using 2 questionnaires as tool: one related to the analysis of its functionality and the other related to the evaluation of the platform itself.

Two different analysis groups have been established:

- Students belonging to the professional family of Mechanical Manufacturing from CIFP Someso.
- Teachers belonging to the professional family of Mechanical Manufacturing from IES Politécnico de Lugo.

The first target group is made up of a total of 31 students of intermediate and higher VET training courses aged between 18 and 25 years old.

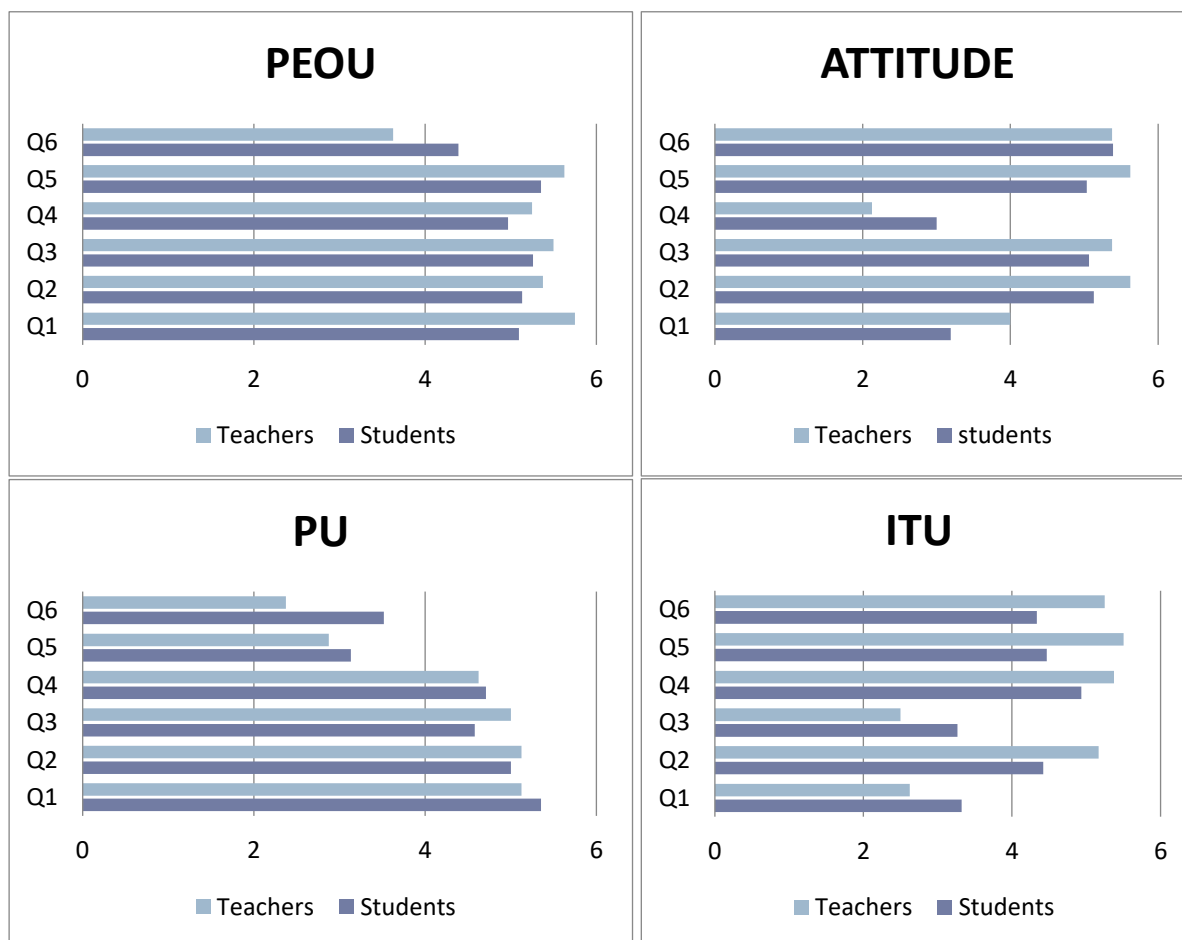
The second target group is made up of all the members of the Mechanical Manufacturing department of this collaborating VET institution: 8 teachers in total.

As characteristics of the sample, both groups have experience in learning platforms. In fact, in the autonomous region of Galicia, there is an educational regulation that obliges all teachers to work with a virtual classroom. This decision was taken as a result of the COVID pandemic.

On the other hand, with regard to blended learning, it should be pointed out that the teaching staff has more previous experience than the students in activities of this type. This circumstance is probably due to teaching experience in some of the blended learning courses implemented in Galicia by the Regional Ministry of Education (Xunta de Galicia) and also to online training courses as part of its strategy to improve professional competences.

Prior to the completion of the questionnaires, both students and participating teachers received face-to-face training on the scope of the EDU-VET project in general and the online platform in particular. For this purpose, teachers from the CIFP Someso's working group belonging to this project were involved.

The results of the functionality analysis are shown below using graphs:



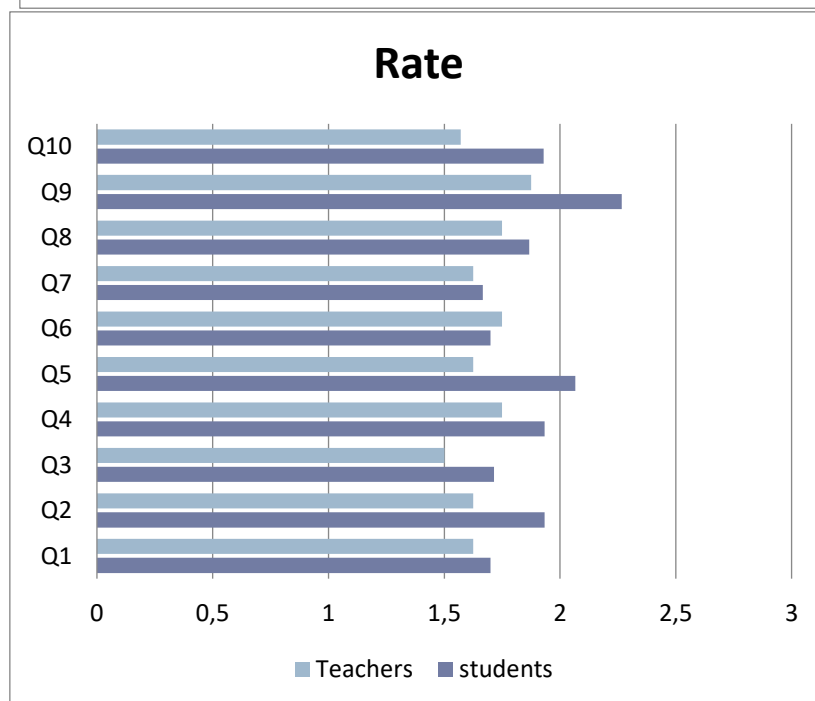
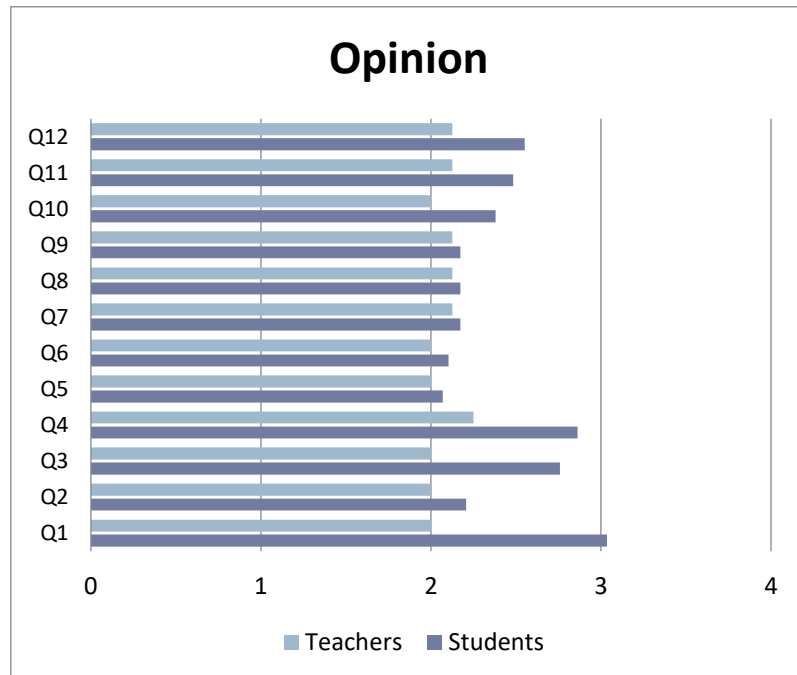
Regarding the first block of questions related to the ease of use of the platform, the degree of satisfaction is high, and there is unanimity of opinion in the two target groups. The results show that the degree of satisfaction is slightly higher in the teaching staff group.

With regard to the second group of questions concerning the attitude of use, the trend is the same. The results show that in the teacher group the degree of satisfaction is slightly higher.

With regard to the third group of questions concerning perceived usefulness, the trend continues to be positive. Although there is no group that stands out over another in the set of questions, the teachers value the platform as more useful for teaching and improving digital competences compared to the perception of the group of students. This may be due to the generation gap between the both groups.

With regard to the group of questions concerning the intention to use the platform, the trend is positive. The results show that in the teacher group the degree of satisfaction is slightly higher. It should also be noted that the intention to use the platform in the future is higher in the group of teachers.

The results of the questionnaire for the evaluation of the platform are as follows:



With regard to the first block of questions concerning the opinion on the platform the degree of satisfaction is high, and there is unanimity of opinion in the two target groups. The results show that the degree of satisfaction is higher in teacher group.

With regard to the second block of questions concerning the assessment of the platform, this is also positive. The trend mentioned in the first block of questions is repeated.



Lastly, a comment from a teacher in the survey should be highlighted, expressing his opinion that attendance is necessary in these technical specialities, as students must work with real equipment.