



PROJECT PRESENTATION

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| 1. | Program Title | ERASMUS+ |
| 2. | Call Title | |
| 3. | Project Title | Improve math skills in higher education- MATHE |
| 4. | Project ID | 2018-1-PT01-KA203-047361 |
| 5. | Project coordinator/ manager | Prof. Marcel Roman – Coordonator – Departamentul de Informatica si Matematica |
| 6. | Consortium (if any) | |
| 7. | Project budget – Total value (Lei/Euro) | 368.361,00 euro |
| 8. | Project budget – TUIASI value (Lei/Euro) | 30.274,00 euro (141.382,61 lei) |
| 9. | Implementation period | 01.09.2018 – 31.08.2021 |
| 10. | Main objectives | <ol style="list-style-type: none"> 1. Enhance the quality of teaching and improve pedagogies and assessment methods. 2. Facilitating the identification of students' gaps in Mathematics. 3. Providing Math teachers with appropriate digital resources. 4. Enhancing transnational sharing of innovative teaching resources. |

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| <p>11. Project activities</p> | | <p>Phase 1 – Students’ Assessment Toolkit This phase was devoted to identify the areas where the students' maths entry skills need to be improved. It was provided a section for students, to self-assess their knowledge and a section to provide teachers with final tests to assess students’ knowledge.</p> <p>Phase 2 – Online Math Library This phase was dedicated to creation of a section to offer students and teachers of higher education institutions video based teaching and learning sources to reinforce specific mathematical topics.</p> <p>Phase 3 - Community of Practice This phase was dedicated to the creation of a community of practice allowing Math teachers in higher education institutions to share and compare teaching sources, tools and strategies.</p> <p>Phase 4 – Testing Each of the deliverables produced was tested with the representatives of the target groups. The testing phase allowed the collection of relevant feedbacks from the end users in order to further improve the deliverables produced and create results that are fully consistent with their needs and expectations.</p> <p>Phase 5 - Multiplier events A number of multiplier events was organized to disseminate the results reached, the methodology implemented and output produced in the MathE project. The participants in the multiplier events was higher education lecturers and students.</p> |
| <p>12. Project result/s</p> | | <p>IO1 – Student Assessment Toolkit 1) <i>Student Self Need Assessment</i> This toolkit allows students to carry out a self-evaluation of their knowledge on 10 selected Math topics. 2) <i>Student Final Assessment</i> This toolkit provides teachers with the possibility to organize for their students an online test on 10 selected Math topics.</p> <p>IO2 – Math Library 3) <i>Video Collection</i> A collection including reviews of already existing video lessons and specifically tailor made ones. 4) <i>Teaching Material</i></p> |

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| | | <p>Acquisition of intercultural competences based on understanding human rights and non-discrimination values.</p> <p>IO3 – Community of Practice</p> <p>5) <i>Community of Practice</i></p> <p>A virtual place to exchange teaching and learning experiences between teachers and students.</p> |
| 13. | Project website | https://mathe.pixel-online.org/index.php |
| 14. | Project photo/s (if any) |  <p># MathE Online Meeting</p>  |

