

MOVE AND LEARN

Student and Teachers Mobility in Vocational Education: Integrating Laboratory Practice, ICT and Intercultural Learning

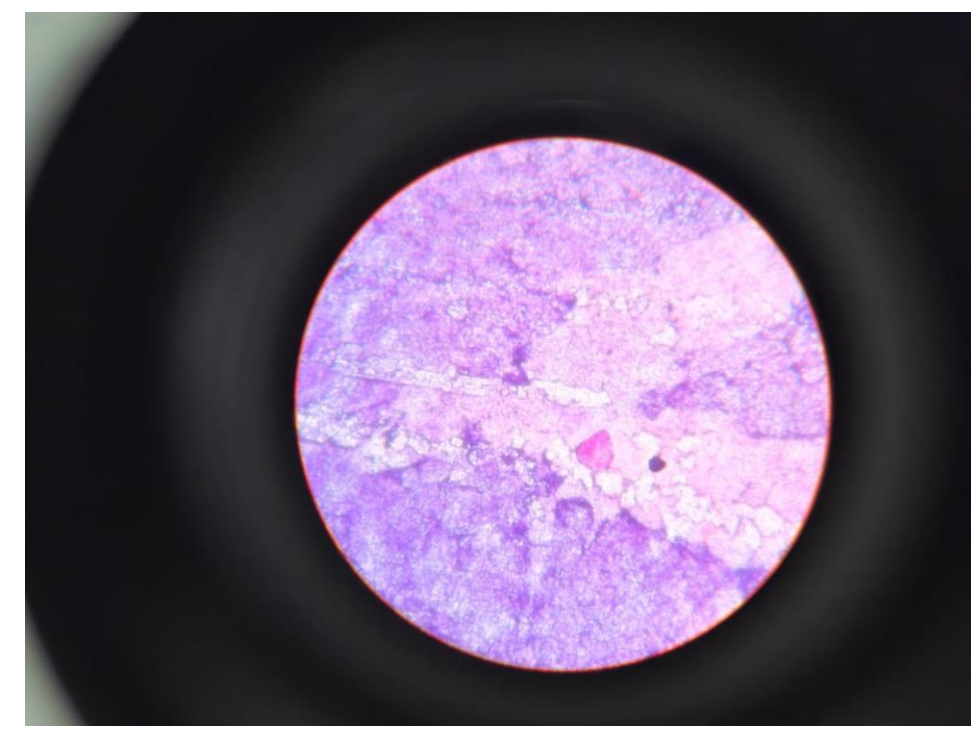
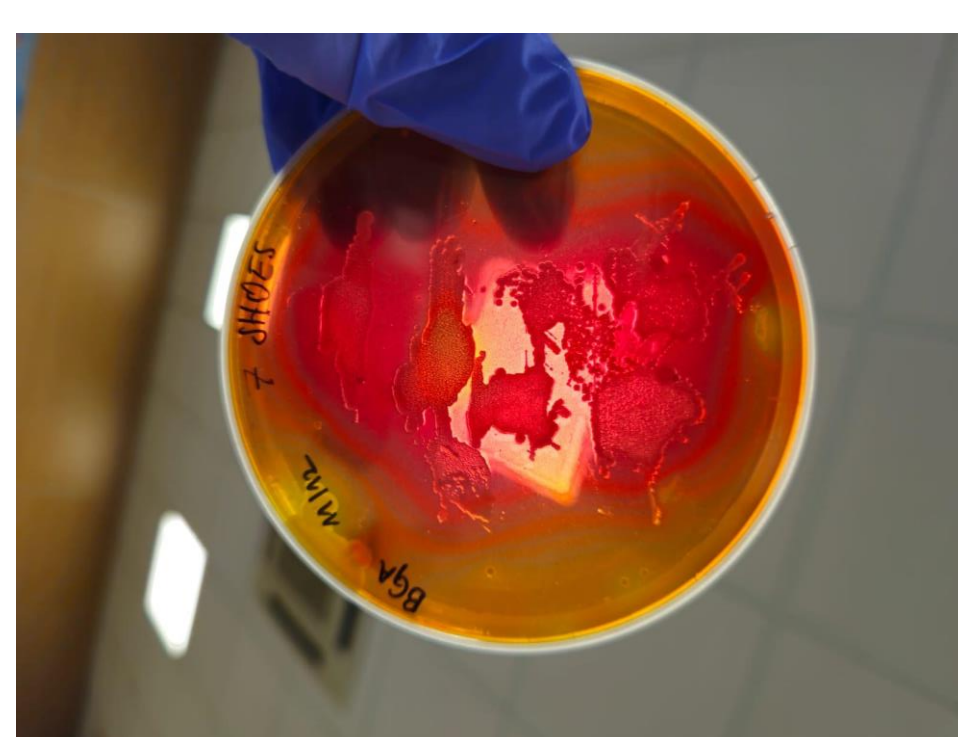
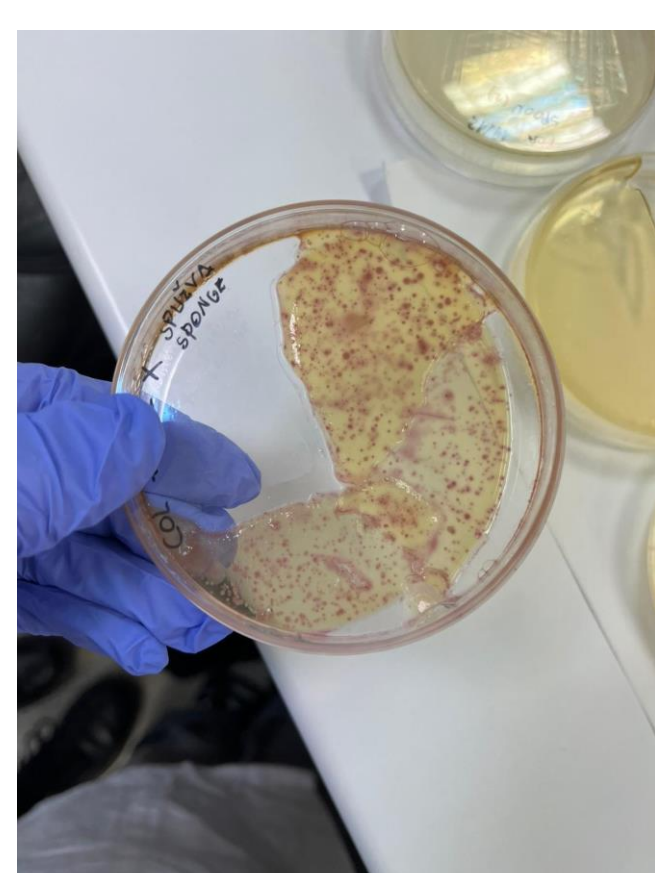
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INTRODUCTION

- The objectives of mobility activities funded by Erasmus+ are to provide learning opportunities to individuals and to support internationalisation and institutional development of VET providers and other organisations active in vocational education and training.
- As part of an Erasmus+ mobility project, ten students from Vladimira Preloga Natural Sciences School in Zagreb, Croatia (Chemical Technician programme), were to participate in practical training in microbiology laboratories at CETECAL and CESUR in Málaga, Spain. The main objective of the mobility was to enhance students' professional competencies through hands-on experience in real laboratory settings, while also fostering independence and adaptability in a new environment.



PROGRAME

Preparation activities:

- preparation of comfrey hand-cream and bathing salt
- short Spanish course

On-site activities:

- Professional visits to: a chemical institute, a local brewery and a waste management facility.
- Collection of samples from various surfaces.
- Preparation of different kinds of nutrient media for bacteria.
- Cultivating bacteria in different kinds of nutrient media.
- Microscoping cultivated bacteria and water samples.
- Learning sterilisation methods in a biochemical laboratory.
- Analysis of blood plasma samples.
- Spectrophotometry of blood plasma samples.

CONCLUSION

- The professional visits provided the students with broader insight into the application of microbiological and chemical knowledge across various sectors.
- Throughout the program, under the guidance of accompanying teachers, students actively monitored and documented their progress using digital tools, thereby further developing their ICT skills.
- In addition, the program emphasises language and cultural immersion, which promoted intercultural learning and social integration. The final evaluation showed a positive impact on the professional development of both students and teachers, increased motivation for learning, and improved readiness for collaboration in an international educational context.



OBJECITVE

- Strengthening key competences and transversal skills, in particular language learning and digital skills.
- Supporting the development of job specific skills needed in the current and future labour market.
- Sharing best practices and promoting the use of new and innovative pedagogical methods and technologies, and Supporting the professional development of teachers, trainers, mentors and other staff in VET.
- Building the capacity of VET providers to carry out high quality mobility projects, and their ability to form quality partnerships while developing their internationalisation strategy.
- Making mobility a realistic possibility for any learner in IVET and CVET, and increasing the average duration of mobility for VET learners to increase its quality and impact.
- Fostering the quality, transparency and recognition of learning outcomes of mobility periods abroad, especially by using European tools and instruments.
- Promoting values of inclusion and diversity, tolerance, and democratic participation.
- Promoting knowledge about shared European heritage and diversity.
- Supporting the development of professional networks across Europe.

