Developing Student Teachers’ Digital Competence (DiCTE)
An Introduction to the Project

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Developing ICT in teacher education (DICTE)

• Erasmus+ funded project 2017-2020

• Participators
  • University of Oslo
  • University of Malta
  • Universidad de Valencia
  • University of Limerick
  • Oslo Metropolitan University
Focus

• Initial teacher education central in incorporating innovative practices with ICT in teaching and learning

• How initial teacher education prepares (student) teachers to manoeuvre in technology-driven classrooms

• To impact and contribute to the modernisation of initial teacher education
Background

• Developing ICT in Teacher Education
• Started at OsloMet
  • Students not turning up for lectures
  • The «feeling» that student teachers overestimate their own digital competence
  • Report (2013) indicating that newly educated teachers were not well prepared enough to make use of digital tools in their teaching practices

• Created a survey measuring student teachers’ digital competence at OsloMet (2014/2015 - OsloMet)
  • Digital skills, attitudes and cyber ethics
• Extended over time

• Experienced the need to define/develop a common understanding of digital competence for teachers that works across different countries

• Pan-European ERASMUS+ funded project
Project goals

• Identify student teachers’ levels of digital competence upon entering teacher education
• Identify student teachers’ development of digital competence during their studies
• Identify and benchmark approaches used to develop student teachers’ digital competence
• Create methods for integration of digital competence for developing student teachers’ digital competence
Activities

• Literature review
  • Exploring the concept of digital competence in teacher education

• Survey
  • Identify and measure student teachers digital competence upon entering teacher education and during the students’ third year
  • Pilot survey autumn 2017

• Interview
  • Enable an in-depth understanding of student teachers’ development of digital competence
  • Evaluate the implementation and integration of ICT

• Model for Integration
  • Identify methods for integration of best practices across institutions