

Developing Student Teachers' Digital Competence (DiCTE)

An Introduction to the Project

Greta Björk Gudmundsdottir, Anubha Rohatgi (UiO)

Adrian McDonagh, Oliver McGarr (UoL)

Tonje Hilde Giæver, Louise Mifsud, Ove Edvard Hatlevik and Bård K. Engen (OsloMet)

Josephine Milton, Patrick Camilleri (UoM)

Hector Hernandez, Juan Carlos Colomer, Jose Insa (UdV)





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