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Development of Regional Joint Master Program in Maritime Environmental Protection and Management
- MEP&M -

Demonstration and study visit: Digital learning at the University of Ljubljana

Institutional support – Presenting Digital University Center
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Virtual meeting via Zoom application

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Organization of digital learning and support

- it is essential for the academic institution to provide organizational and user support as well as knowledge exchange to teachers about digital learning services provided
- the institutional support consists of
  - raising awareness and training for teachers
  - providing pedagogical and technical support
  - maintenance and user support for digital learning platform
  - future R&D
  - communication with the management and other stakeholders;

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Organizational support is critical activity

- When providing digital learning services to teachers, the support (in a wider sense) is essential;
  - Performance of a pedagogical process is a core activity of an academic institution
  - As soon as the institution goes online, the technology must work 24/7
  - *(imagine lecture rooms being locked or flooded ☺)*
  - just as important: proper use of technology, taking advantage of the possibilities, performing the most appropriate pedagogical methods nd approaches just as essential
- Dedicated personnel, pedagogical expertise and technical expertise required

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Digital University Center (CDiUL)

- separate organizational entity within the University of Ljubljana to support ICT use in the pedagogical process
- pedagogy/didactics & technical support
- organizing trainings, knowledge exchange among teachers, empowering teachers, engaging students
- providing pedagogy and didactics support and consultations
- enabling single, unified e-learning environment for UL members
- research and development
- five employees, engaging with all relevant University rectorate departments, UL members, Management, IT support, teachers…

Digital University Center

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Training and dissemination

webinars

online workshops

specific workshops

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Consultations

- pedagogical:
  - recommendations – how to introduce „digital“ into the learning process (DigCompEdu, UDL guidelines)
  - how to develop interactive digital materials
  - accessibility and inclusion of students (access to resources, activities, expectiations, limitations)
  - diferentiation and personalization
  - active inclusion of students (active and creative collaboration,indepth thinking, creative expressions...
  - video conferencing systems & LMS

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Consultations

- technical
  - multimedia equipment, cameras, microphones, additonal MM equipment
  - all technical online platforms
  - user support

R & D activities

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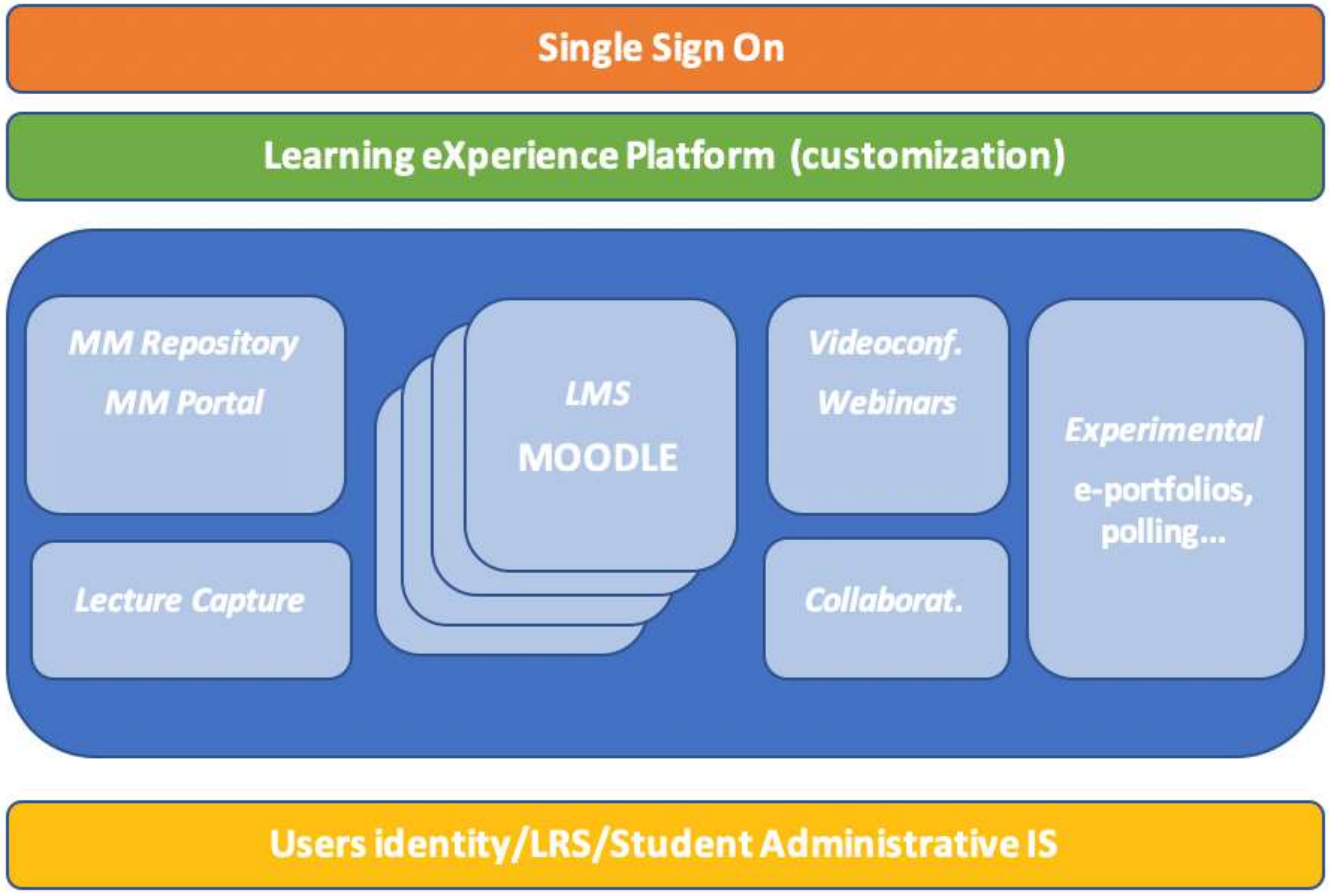
Osnovne aktivnosti:

- **Trends** in ICT supported pedagogical process
- Fostering **teachers digital competencies development** (DigCompEdu)
- **Testing and analysis of ICT solutions** to be used in the future
- **Publication of various materials and reccomendations**
- **Publication of best practices**
- **Assisting, collaborating with teachers to introduce ICT into their courses** in a sense making way

ICT: UL unified learning environment



Collaborative tools in the enviroment

INTERACTIVE PRESENTATIONS	COLLABORATIVE CREATIVITY	FORMATIVE ASSESSMENT

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MM Repository and Lecture capture

- MM Repository
  - piloting different solutions (Microsoft, MediaSite, Avideo, MiTeam…)
  - content uploading; meta data; delivering content; administration; content management; user access rights; video player; interfaces (portal)
- lecture capture
  - piloting different solutions (Caltura, Panopto, MiTeam)
  - automatized system from capturing to storing and delivering lectures

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Other...

- integration with student administrative system
- LRS: Learning Record Store (learning analytics)
- Single Sign On
- common interface: web page for students and teachers to access all tools and content within the LXP

Questions and remarks?

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