



EÖTVÖS LORÁND UNIVERSITY
FACULTY OF PRIMARY AND PRE-SCHOOL
EDUCATION
DEPARTMENT OF INFORMATION COMMUNICATION
TECHNOLOGY IN EDUCATION



Contact information:

Phone: + 36 1 487 8131

Hungarian homepage:

<https://www.tok.elte.hu/tanszek/informatika>

THE DEPARTMENT'S MAIN PROFESSIONAL ACTIVITIES:

Teaching activities

The realization of courses in

- the graduate trainings of future pre-school and primary school teachers (Methodology of the application of digital pedagogy, selection and application of digital teaching materials, methodology and practice of teaching digital culture as a subject, development of digital competencies, knowledge of the effects of social media.)
- the post-graduate training of primary school educators.
- digital thematic weeks - organization of the European Encoding Week
- organization of digital projects and its methodology

Research activities

- Introduction of a subject called digital culture its development, planning and experience
- Development of algorithmic thinking
- The role of robotics and coding in the development of thinking
- Methodology of robotics and coding at the age of 3-12 years
- Questions of digital curriculum development and its testing

- Implementation of digital education in public education



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- Dangers of digital environment and protection against them
- Generation theories in the information society and their critiques
- Curriculum theory of digital education
- GIS in education



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STAFF	Name	Title/Position	Contact	Main professional fields and special activities/interests
	Dr. Lénárd András	Associate Professor, Head of Department	lenard.andras@tok.elte.hu	The application of robotics and coding at the age of 3-12, the operational mechanisms of the information society, the didactic questions of the development of digital curricula. The methodology of digital culture subject.
	Sarbó Gyöngyi	Master Teacher	sarbo.gyongyi@tok.elte.hu	Teaching and coding in Kodu and Scratch environments. Teaching editing of digital image.
	Turzó-Sovák Nikolett	Assistant Lecturer	sovak.nikolett@tok.elte.hu	Development of digital competencies, the process of problem solving in a digital environment. Educational application of multimedia elements.
	Vetési Erika	Assistant Lecturer	vetesi.erika@tok.elte.hu	Psychological and pedagogical aspects of digital curriculum development. Considering the needs of digital generations. Educational application of multimedia elements.



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	Köteleki Andrea Éva	Lecturer	koteleki.eve@tiok.elte.hu	Robotics competitions, competition tasks, e-twinning, international competitions, exchanges of experience.
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