



United Nations
Educational, Scientific and
Cultural Organization



UNESCO Institute
for Information Technologies
in Education



Development of digital educational resources , intellectual property and open licenses

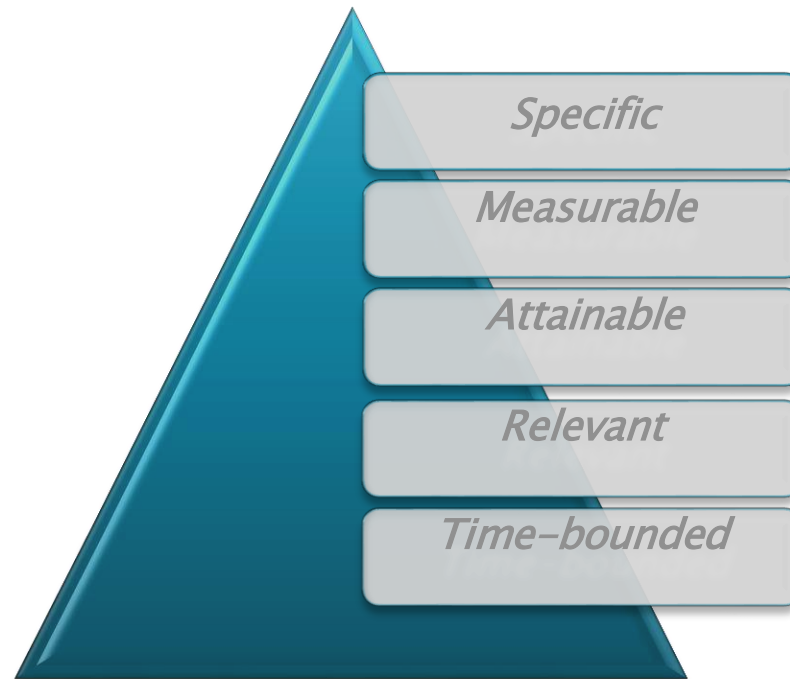
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Doctor of Legal Sciences
Head of the Research Institute of Public Administration

On International Training Workshop *“Digital Technologies and Transformation of Higher Education”* on 22–23 November 2018 in Tbilisi, Georgia

The trajectory of development digital education resources

- ▶ **SMART-education** –Concept:

Efficiency of Educational Activity on the basis of common standards, agreements and technologies based on educational research institutions and professors



Smart Education tasks

- ▶ How to use the "simple" and available resources for the results of the "hard " learning?
- ▶ How should we consider international and national experience to achieve qualify education?
- ▶ How to fill your own multimedia library with important and relevant literature?
- ▶ Where can we find samples and how to become a future teacher using new technologies?

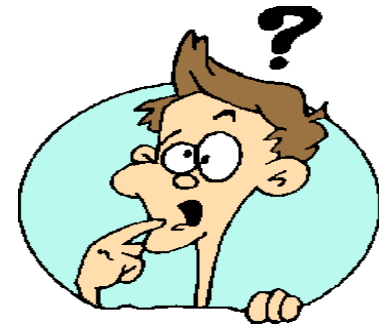


Student survey (GTU)

Whether electronic courses are required	95%
Electronic courses will help you in independent work	79%
Electronic courses will positively affect your attendance	67%
Are you ready to use electronic courses?	70%
The additional load for us	9%

Relatively popular elements in Moodle

File	83%
Homework	81%
Test	70%
Hyperlink/ Reference	69%
Less likely to use databases	17%



Our experts- what did they say?



Mr. Chris Kang



Mr. Alexander Fadeev

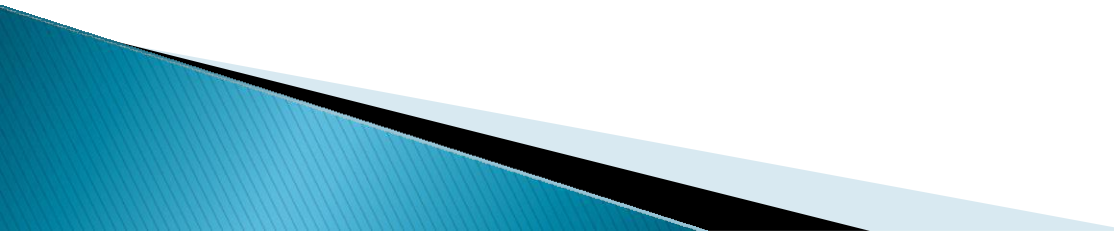


Ms. Tatiana Murovana



Ms. Natalia Dneprovskaya

Specifications of digital resources

- ▶ SMART-Devices and Technologies -, (SMART-Boards, Symhpodium, etc.);
 - ▶ Functional change of literacy;
 - ▶ Digital skills;
 - ▶ The ability to create new knowledge and resources.
- 

Intellectual Property

National Intellectual Property Center of Georgia -SAKPATENTI



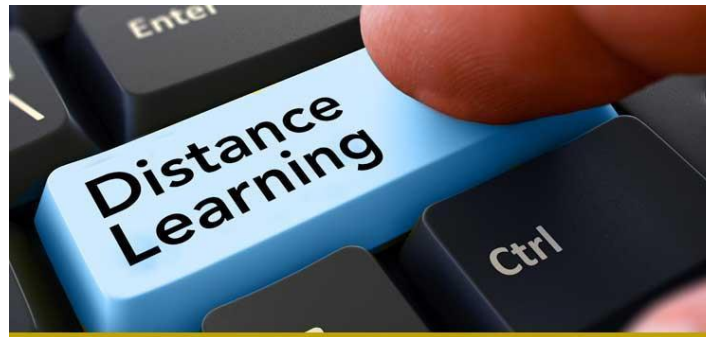
საქართველოს ინტელექტუალური
საკუთრების ეროვნული ცენტრი

საკპატიენტი
SAKPATENTI

NATIONAL INTELLECTUAL PROPERTY
CENTER OF GEORGIA

www.sakpatenti.org.ge

- ▶ Training Center - WIPO Professional Development Program
- ▶ Integration with international security bases (EUIPO; TM View; DS View; TM class)
- ▶ Intellectual Property Protection Courses.



Copyright

National Intellectual Property Center of Georgia - SAKPATENTI



- ▶ Establishing respect for Intellectual Property;
- ▶ Awareness raising projects;
- ▶ Transfer of Knowledge of Digital and Material piracy and methods of fighting against them;
- ▶ Information Services - Patent search using scientific literature bases.



Open licenses

- ▶ Open educational resources - UNESCO initiative;
- ▶ Risks of digital disparity;
- ▶ Creative Commons and GNU General Public License;
- ▶ Problems related to quality of information;
- ▶ Condition of Georgia.





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IDI (ICT Development Index) – index data for 2017

N	countries	Indicator
1	Iceland	8.98
2	Republic of Korea	8.93
3	Switzerland	8.74
17	Estonia	8,14
45	Russian federation	7,07
74	Georgia	5,79
176	Eritrea	0,96

<http://www.itu.int/net4/ITU-D/idi/2017/index.html>

Educational Resources and Open Licensing

- ▶ The problem of explanation;
- ▶ Nature of resources;
- ▶ Source of resource;
- ▶ Level of access;
- ▶ Common features.



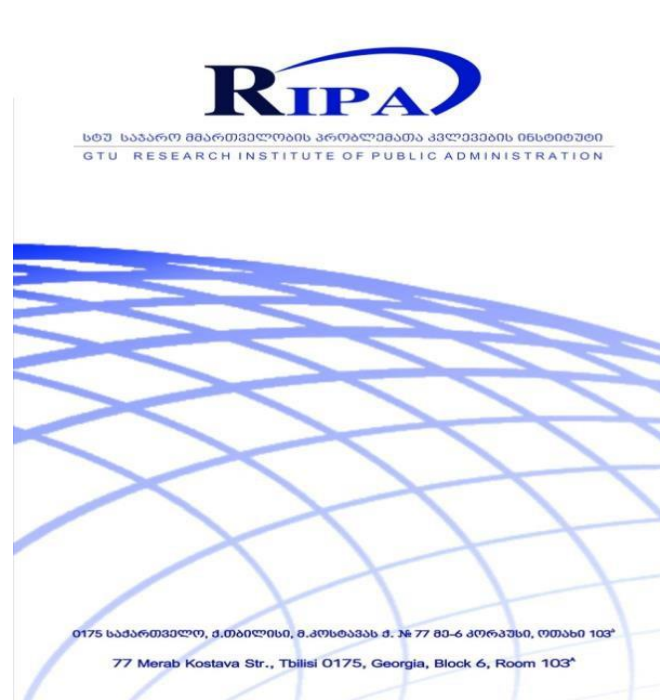
What is GALILEO?

➤ GALILEO stands for Georgia Library Learning Online



<https://twitter.com/alearningga>

Thank you for your attention!



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