



**Report on the use of equipment
purchased through TeComp project and
its functionality in Albania**



Project acronym:	TeComp
Project full title:	Strengthening Teaching Competences in Higher Education in Natural and Mathematical Sciences
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Coordinator Institution:	University of Niš
Coordinator:	Prof. dr. Jelena Ignjatović
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Work package:	WP4 – The formation of online learning environment
Lead organization of WP4:	P3- University of Novi Sad
Task 4.1	The integration of online technologies into traditional courses
Task 4.2	Developing systems for electronic testing
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1. Project's Goal

The main goal of the TeComp project: "Strengthening Teaching Competencies in Higher Education in Natural and Mathematical Sciences", co-financed by the Erasmus + Program and the European Union, is: Improving the Quality of Higher Education in the field of Natural and Mathematical Sciences in Higher Education Institutions in Serbia and Albania, in line with advanced EU practices, increasing their comparability and competition in Europe and beyond. In the new conditions in which the university system has entered due to Covid-19, the goal of the project becomes even more coherent and challenging. Cooperation of universities across the continent and beyond to exchange the best practices and methodologies is already a necessary requirement.

The aim of the project will be achieved by meeting a number of specific objectives in the areas of university study that the project covers:

- increase the personal and professional skills of teaching staff through training courses on contemporary pedagogical approaches, methodologies and educational technologies;
- Improve educational infrastructure as a base for a broader integration of pedagogical principles and modern technologies in teaching and learning process;
- offer new / modified courses in psychology, pedagogy, teaching methodology and technology promotion at HEIs in line with modern European strategies;
- Strengthening the personnel infrastructure through the introduction of continuous professional development in the higher education system.

According to these objectives, the project is expected to achieve the following results:

- Identify and approve the necessary measures and actions to improve the quality of teaching and learning processes;
 - Improving educational infrastructure;
 - Training of teaching staff for the use of pedagogical and methodological principles and new ways of teaching and learning;
 - Development of methodology and platforms for the broader integration of ICT in teaching and learning.
2. The project will focus in particular on the transition from a teaching through learning-oriented approach to a learning-oriented approach, a flexible approach and individualized, as well as better communication and interaction between professors and students using electronic and computer technology tools. The target areas in Serbian and Albanian universities that need quality improvement of teaching processes will be identified and a concrete action plan will be drafted with the necessary measures and actions.

3. List of equipments and their technical specifications

University of Gjirokastra TeComp		
Type of Equipment	Specifications	Quantity
Smart Board Interactive Display	Smart Board Interactive Display, Smart Board from View Sonic, IFP5550-2EP.	1
Projector with interactive whiteboard functionality	Epson Video Projector EB-685Wi , Resolution 1280 x 800 , 3500 ANSI lumens V11H744040	1
Smart TV 50"	Samsung Smart TV 50" 4K Ultra HD 3840 x 2160p , WiFi , DVB-T2C , 2 x HDMI , 1 x USB , Series 7 , Black , UE50NU7022KXXH	1
Visualiser or document camera	Visualiser or document camera, Epson ELPDC21 Full HD 1080p Document Camera	1
USB laser pointer	Logitech Wireless Presenter R400 910-001356	3

Laptop Computer Brand, CPU I5, RAM 8GB, HDD1TB	HP ProBook 470 G5 Notebook PC , Intel Core i5-8250U up to 3.40GHz , 17.3" FHD 1920 x 1080p , 8 GB 2400 MHz DDR4 , 1 TB 5400 rpm , Intel UHD Graphics , No DVD , Windows 10 Home, 3-CELL , 3GH40EA, 1Year	8
Desktop Computer with monitor	HP 290G2 Microtower PC + Monitor 20.7" V214a, Intel Core i5-8500 up to 4.10 GHz , 8 GB DDR4-2666Mhz , 500 GB 7200 rpm HDD, DVD+/-RW, Intel UHD Graphics, Keyboard + Mouse, Windows 10 Professional , 1Year	2
Printer Scanner Copier	xerox B7030B 7001V_D B7000 Base Unit (520-sht tray) 097S04900 B7000 30ppm Init Kit B7001KD2 B7000 Nat Kit 497K17740 B7000 HDD	2
Portable projector	ASUS ZenBeam GO E1Z Projector, 150 Lumen, Gold 90LJ0080-B01520	3
External HDD 1Tb	Verbatim Store n Go Portable USB 3.0 Hard Drive , 1TB 53194	5
WiFi IP camera	WiFi IP camera (1 item) Dahua 1/2.7" 2 Megapixel progressive CMOS 2MP(1920 x 1080) Night Vision: 10m(33ft) distance 3.6mm fixed lens Field of View : 90°(H),Video Compression : H.264 Up to 15fps Frame Rate 8x Digital Zoom Two-way Audio Wi-Fi: IEEE802.11b/g/n, 50m open field Micro SD Slot (up to 64GB) DC 5V2A Power supply Power Consume: <7W	1
Digital camera for show casting work and evidence trails	Digital camera for show casting work and evidence trails (1 item)Canon EOS 4000D DSLR Camera + EF-S 18-55 mm , 18 MP , AF Points , 3fps Shooting , Full HD Video , WiFi , SD/SDHC/SDXC Card Slot , Touch Screen 2.7" TFT LCD	1
USB WiFi	USB WiFi (3 items)TP-Link 300Mbps Wireless , USB , TL-WN821N	3
Tablet	Lenovo Tab 4 8 , 8.0" IPS 800 x 1280p , Snapdragon 425 Quad-Core up to 1.4 GHz , 2 GB RAM , 16GB Flash , WiFi , 4G/3G , BT, 2MP Front/5MP Rear Camera , Battery 4850 mAh , Android 7.1.1 , Black , ZA2D0015BG	8

4. Aim of equipment selection

Electronic equipment and other materials which have been made possible through tendering with TeComp project funds as well as those made available by the University of Gjirokastra, will enable the project team to successfully achieve its objectives. The equipment was selected following two basic objectives approved at the meeting of project coordinators in Novi Sad (January 2020):

- ✚ Structuring and putting into effect a pattern classroom for developing online lectures with students and for staff training purposes, and in the successful completion of the project (November 2021) this pattern classroom to be made available to the Universities for the process of daily online teaching.
- ✚ Equipping the project team with the necessary infrastructure for their activities on the framework of the TeComp project. The ongoing period of the project requires the commitment of its staff in the training, preparation and daily collection of materials needed for the development of online lectures according to the best practices of European Community universities which are partners of the TeComp project.

5. Structure of pattern classroom

To structure the pattern classrooms, will be used the best patterns consulted with the project partners during the site meetings and observations gained at the visited universities of the EU, for the successful realization of the creation of the pattern classroom, the TeComp project team for the University of Gjirokastra, in addition to the equipment provided by the TeComp project fund, will be made available: model class environment, a table suitable for running a online learning hours (as in the figure below, “smart control”), 10 sets for learning / training staff (table +2 chairs, as in the figure below, “Learning-resource and software”), two desks with seating area for the installation of desktop computers and their use by the project staff, the necessary materials for the installation of equipment in the model class as

well as technical staff for the placement and installation of equipment in the model class environment.



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