

Information about the infrastructure of Information Technology and Management

The information management policy and procedure of Shota Meskhia State Teaching University of Zugdidi is regulated by the "Website administration rules" and "Information technology center regulations"

IT technologies management policies and procedures are implemented by the Information Technology Center and responsible people defined by the administrative act, who carry out their activities in accordance with the legislation in force in Georgia, subordinate normative acts, the statute of the university and the provisions of the Center and the present Rule.

Electronic services and management electronic systems have been introduced and there are mechanisms to support its sustainable development;

This includes 'Procedure for business continuity processes of Shota Meskhia State Teaching University of Zugdidi' and continuity plan of business processes.

The electronic accounting system of personnel registration is being introduced (Purchased on 06 December 2017 - the state procurement agreement # 191 - 1637 GEL)

The electronic system of the management process is introduced (purchased on 22 January 2018, state procurement agreement # 4, 6000 GEL per year procurement agreement)

Networking works completed (purchased January 09, 2018, the state procurement agreement service №2 – 67387,72 GEL (Actual - 59641,22 GEL)), which is a prerequisite for the development of electronic journals and the electronic document turnover. Teaching University has improved the availability of electronic information in the library for students and academic personnel, where its purchase carried out (March 22, 2018, the state procurement agreement №44 Purchase/availability of electronic information libraries - EIFL purchase/availability the right to use "Electronic Resources: 1) Cambridge Journals Online (<https://www.cambridge.org/core>); 2) BioOne Complete (<http://www.bioone.org/>); 3) e-Duke Journals Scholarly Collection (<https://www.dukeupress.edu/>); 4) Edward Elgar Publishing Journals and Development Studies e-books (<https://www.elgaronline.com/page/70/journals>); 5) IMechE Journals (<https://us.sagepub.com/en-us/nam/IMEche>); 6) New England Journal of Medicine (<http://www.nejm.org/>); 7) Openedition Journals (<http://www.openedition.org/>); 8) Royal Society Journals Collection (<https://royalsociety.org/journals/>); 8) SAGE Premier (<https://us.sagepub.com/en-us/nam/sage-premier> - 1200 GEL membership in a year).

purchase of licensed software is planned (service card, reports)

Teaching University provides and continuously improves website functionality in Georgian and English languages.

The perfection of the website (English-language web page) is underway; For this purpose, the English language specialist of the software was added by the order from rector # 01-02 / 79 of September 30, 2017, and the Order # 01-02 /11 of February 28, 2018.

Teaching University Information Technology Infrastructure:

The academic balance of Teaching University includes Desktop computers, portable computers, multifunctional and mono functional printers, projectors and interactive tablets, such as computer technologies for desktop and administrative purposes: desktop computers-394 units. Laptop -109 units, interactive board- 5 units, projector- 15 units. Printer- 49 units.

Students and academic personnel are being served by several computer labs and libraries. The Laboratory has 225 units of Acer's branded computers (2 GB RAM, 500 GB hard drives, 2 core processors) In the laboratory 226 is a 15 HP-branded computers, (4 GB of RAM and 4-core AMD processor). In the laboratory 217, there are 22 units of Acer's branded computers (2 core and 2 threaded processors, 500 GB hard drives, 4 GB RAM)The laboratory 213 contains 22 desktop computers.218 Auditorium (Library) is available for students (for students and academic staff) 20 Acer's brand computers (2 core and 2 threaded processors, 500 GB hard drives, 4 GB RAM)218 and Interactive board of Epson. Auditorium 221 has an interactive board installed. Laboratory 119 contains 15 Acer 's branded computers (2 GB RAM, 500 GB hard drives, 2 core processors) and interactive boards. Auditorium 113 (Conference Auditorium) there has been installed the Epson firm's interactive board. Auditorium 313 has an interactive board. Audio system - wireless microphone, 6 personal computers of Dell s (4 core processor, 4 GB RAM, 1 TB hard drives), Server of Dell firm, Dell PowerEdge r730xd (32 GB RAM, 4 SAS drive, 2 Intel Xeon 8 core processors with 16 threads), 25 Acer branded laptops (sixth generation processors, 4GB RAM, 256 GB SSD disk)227 Auditorium has a laboratory for print and online reporter . It has 10 portals, 10 cameras (action camera), 10 laptops. The Lab 121 has 15 computers (2 GB RAM, 500 GB hard drives, 2 core processors).

65 units of desktop computers and 23 units laptops serve the university administration and assistant staff of Teaching University. There are 7 units of monoblocks (AIO business class computers), 6 units of powerful computer cases (i7 processors), 10 projectors of the screen. 65 units of HP's of brands, (4 GB of RAM and 4 core AMD processors).

7 units of Acer 's brands (2 core and 2 threaded processors, 500 GB hard drives, 4 GB RAM).A total number of computers in Zugdidi base amounts 330 units, a number of laptops amount to 72 units. Interactive table -5 units. Projector- 10 units.As well as a multi functional number of monofunctional printers (including 4 color printer) -44 units (printers 15 units of printers that requires repairing). Printers and projectors are distributed in administrative units and laboratories.

Resource of existing computer equipment (Senaki base)

Lab 207 - 21 units of desktop computers (2 core and 2 threaded processors, 500 GB hard drives, 4 GB RAM). Lab 208 - 21 units desktop computer (including 10 - 2 core and 2 threaded processors, 500 GB hard drives, 4 GB RAM and 11 consuming desktop computers). Lab 209 has 21 units of desktop computers (2 core and 2 threaded processors, 500 GB hard drives, 4 GB RAM). In total, the number of the desktop of computers amounts to 64 units, the number of laptops is 37 units, the number of printers - 5 and projectors is 5 units

The complete reorganization of computer networks was carried out in the Teaching University at the beginning of 2018 in order to arrange the appropriate infrastructure for high-quality information services.

The university has a communication wardrobe (rec), main router, switches. The communication wardrobe (rec) has been installed on all three floors of the building. The recs are wall mounted.

physical and engineering infrastructure of the network.

Training Corps (Zugdidi)

There is the main communication rec on the first floor, where the Ethernet patch panel is arranged. Main Route (Cisco 2900) is provided by a high-speed internet that supplies an Ethernet cable to the optical cables box (ODF), Two manageable switches, TP-link T1600G – 52 TS, 4 SFP expansion slots and TP-link T1600G – 24 TS, 4 SFP expansion slots. This above –mentioned rec serves entire first floor as well as labs and administrative units and also wireless access points. (WiFi AC),

Two communications wardrobes are located on the second floor, where the ethernet patch Panel, two handling switchable TP-link T1600G - 52 TS, 4 SFP expansion slots are arranged. Each rec equally distributes both laboratories and administrative units, as well as wireless access points (WiFi AC).

There is a single communication wardrobe with an Ethernet cable (Patch Panel) on the third floor, one managed switcher -TP-link T1600G - 52 TS, 4 SFP. The rec serves to third-floor computer resources as well as wireless access points (WiFi AC).

Recs installed on the second and third floors are connected to the main recs (first floor) through the switcher (TP-link T1600G - 24 TS, 4 SFP), which is located on the first floor of the main communication rec. The above-mentioned communications wardrobe combines more than 300 points.

The power supply of communication cabinets is maximally provided. These are: variable power supply, each wardrobe is equipped with powerful uninterruptible power sources (UPS) TRIPP-LITE - SMX1500LCD. (Four units). In case of switching off the power switch, powerful UPS will enable the generator to work.

A wireless access point (WiFi AC) is available for all high-frequency access. Both on the first and second floor there are seven wireless access point and four on the third floor. Totally there are 18. Tenda N301 Wireless Router - 300 Mbs.

Students Hostel (Zugdidi)

The hostel is covered by a wireless Internet connection, providing optimal internet access. ODF- დან Ethernet კაბელი უკავშირდება TRENDnet TEG-160WS. The Ethernet cable from the ODF is connected to the TRENDnet TEG-160WS switch, which connects 7 units of Tenda N301 Wireless Router. Wireless access points have full coverage in a hostel.

Study workshop(Zugdidi)

Study workshop is supplied with an optical cable from the ODF, which is installed in the hostel. AC uninterrupted switch (wireless access point) is installed in the study workshop.

Backups copy (Active Directory)

Teaching University is planning to use the renewed computer network to introduce an active directory service that runs on the Dell PowerEdge r730xd. Consequently, 'sensitive' information of users will be copied to the NAS server.

Although the Active Directory service is in the process of implementation, the administration's staff retrieves the 'sensitive' information backup and uploaded to Google's Cloud. Teaching University Administration uses the G Suite service, which allows for more information to be uploaded (and not only) in Google Cloud.

General university information systems

Two domain names serve Teaching university such as <http://www.zssu.ge>; <http://www.zssu.edu.ge>. It works with the 'HTTP' protocol, it is intended to be provided by the 'https' protocol with the appropriate certificate.

Teaching process management system lms.zssu.ge;

<http://www.lms.zssu.ge>, It works with the 'HTTP' protocol

Physical and Engineering Infrastructure of Network (Senaki Base)

The network of infrastructure was reorganized at the University of Zugdidi, as well as the Senaki base. Senaki base serves as a communication wardrobe (rec), where 4 managed switches are installed. TP-link T1600G - 52 TS, 4 SFP, provides a continuous power supply for online UPS. HP Server (8 GB RAM memory, 1 TB hard drive, 4 core processor).