



Georgian Technical University



CPDSEC Center



- **GTU Center for Professional Development, Science, Education and Culture**

- Established in 2004, Center mainly specializes with professional development in Science, education and culture for academic staff and students.

www.hpep.ge



Partners

Local partners

Center collaborates with
Georgian Ministry of Education and Science
and
different Georgian Universities and Colleges

Foreign Collaborators

Using Various International funds, including
USAID, CIDA, UNDP, NATO, EIF
we collaborate with Universities and Colleges in
USA, Canada and Europe

Project Results

During past 6 years, Center accomplished 10 international project in scientific, educational and cultural field

1 Developed GTU Teaching & Learning Center

2 First Community College in Georgia

3 Video studio and Georgian Universities and colleges network center

4 Developed curriculums and teaching modules for engineering specialties

Project Results

During past 6 years, Center accomplished 10 international project in scientific, educational and cultural field

5 Created video lectures, seminars and other electronic materials

6 Developed Engineering faculty website

7 Developing practice learning models

8 Created carrier center model for universities and colleges

➔ T&L Center

Teaching and Learning centre has created and provided trainings for various university academic staff and students. Approximately 2000 teachers and 850 students were trained during last three years



➔ Curriculum Development

CPDDEC Center has developed or renewed GTU engineering specialties curriculums and adapted it to European models (Tuning Educational Structures in Europe)

GTU university master students have actively participated in this field to share and develop knowledge with other students from different university/colleges.

➔ Gori Community College

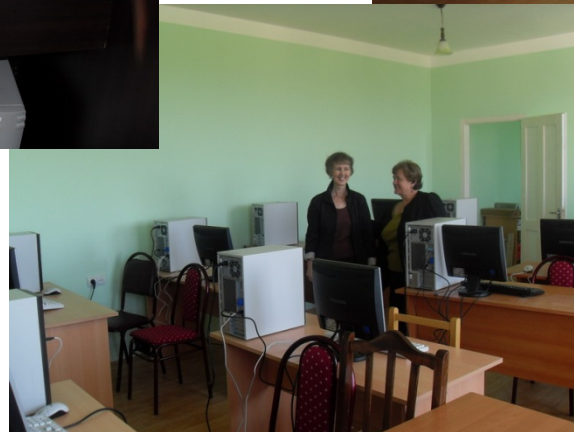
Through Support of USAID, CIDA and foreign collaborators, center created first USA-Canadian Community College in Gori.

GTU master students were participating in creating programs, textbooks, computer labs and network services in college



NATO Project

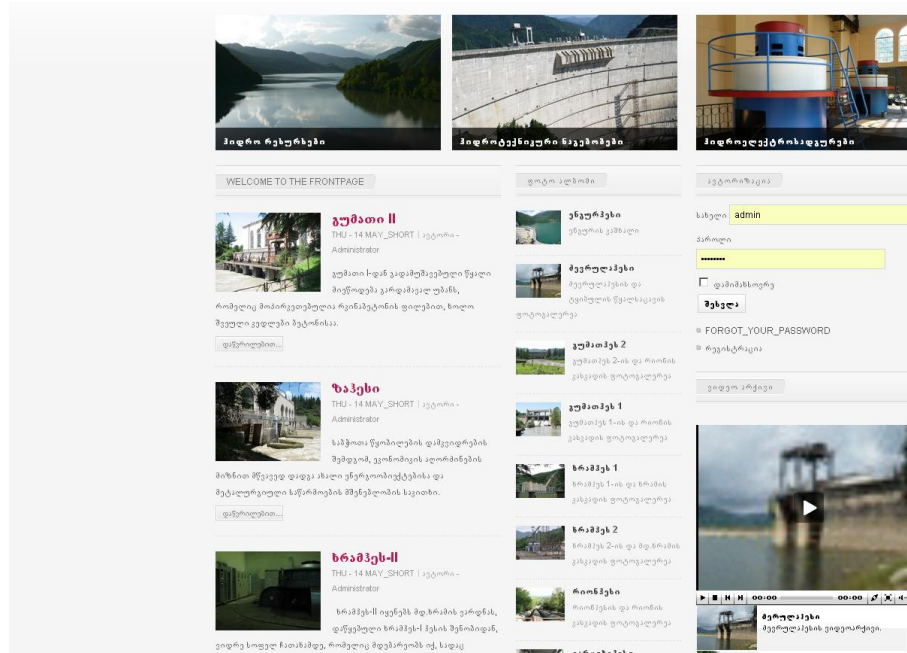
With collaboration of NATO for Peace and Science, Iowa State University and Georgian Technical University, CPDSEC Center has created GTU video studio and network hub for local and international online conferences between partner colleges in different regions of Georgia and foreign countries



Engineering Information Foundation

With Help and support of Engineering Information Foundation, Hydro Engineering department students had possibility to obtain photo and video materials from Georgian Hydro Power Stations and create their database along with hydro engineering department website.

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➔ Practice study

CPDSEC developed practice type study, which has been already successfully used in Gori community College. GTU master students are participating in practice study at different business representatives.





Carrier Center

Center has created carrier center model for Gori Community College, which supports students to help determine their profession, assist to plan future study and provide vacancy information for graduate students.

GTU master students have been involved to provide trainings to Community College students and academic staff in carrier development.



Scientific Work

Hydro Engineering Department of Civil Engineering Faculty has several scientific projects funded by Georgian National Scientific Foundation. Master degree students are intensively involved in scientific research projects for the developing their knowledge and skills as investigators and doing master diplomas.

For example, me and my colleges from Hydro ecology specialty are involved in project:

“Monitoring and Mathematical Models of the Pollution Spread in Urban and River Mouth Water Areas of the Black Sea Coast of Georgia”.

Our final diploma’s subject is hydrodynamic of different dimensional flows.



Thank You!