



EUCEET Association

NEWSLETTER 4/2020

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National Research Moscow State University of Civil Engineering (MGSU), Russia



Elizabeth BASMANOVA (Head of International Protocol Office, International Cooperation Department at MGSU) sent the following news of interest for members of EUCEET Association:

MGSU is the leading construction university in the Russian Federation. It was founded in 1921 and year 2021 celebrates its centenary. This is one of the oldest technical higher education institutions of Russia.

MGSU is the head of the Federal Academic Methodological Association of the Russian higher education institutions related to construction as well as the International Association of Educational Civil Engineering Institutions (ASV).

The University enjoys deserved international respect, has a large experience of fruitful international cooperation with more than 100 universities and scientific-and-educational centers from 35 countries of the world. It is also in the top-200 universities of the Emerging Europe and Central Asia according to the International QS EECA 2021 Ranking.

The University provides training at all levels – BSc, MSc, PhD in various fields: «Construction», «Architecture», «Urban Planning», «Engineering Systems» and many others. At present, more than 11,000 students are studying at MGSU, including more than 900 foreigners from 87 countries.

On the basis of the University a modern laboratory complex was created, which includes more than 50 research laboratories: “Aerodynamic and Aeroacoustic Testing of Engineering Structures”, “Zolotov Centre of Computer Modelling of Unique Buildings, Structures and Complexes”, “Geotechnics”, “Building Constructions”, etc. Specialists from MGSU actively participated in the construction of landmark facilities of the country, such as the Sayano-Shushenskaya hydroelectric plant, the Bolshoy Ice Dome in Sochi, the Cosmodrome «Vostochny».

As a part of its international activities MGSU participates in international projects that provide opportunities to exchange experience and best practices, improve the competence of teachers and strengthen educational and scientific ties with the EU universities.

PROJECT ACTIVITY

Our university has successfully implemented projects in different programs: TEMPUS: CENEAST and MAPREE; Jean Monnet Module IEUP; Jean Monnet Project MIGPUD; Erasmus + Capacity Building in Higher Education GREB.

Ongoing projects:

Integrating education with consumer behavior relevant to energy efficiency and climate change at the Universities of Russia, Sri Lanka and Bangladesh (BECK). The idea is to jointly develop and implement new interdisciplinary modules on environmental protection technologies, based on consumer behavior

relevant to energy efficiency and climate change, at the universities of Russia, Sri Lanka and Bangladesh, with the aim of improving both quality and relevance of training for the needs of the global market. <http://beck-erasmus.com/>

Excellence in engineering education through teacher training and new pedagogic approaches in Russia and Tajikistan (EXTEND). The project is aimed at modernizing approaches to teaching engineering disciplines in Russia and Tajikistan, improving the quality of education and employment of young engineers, increasing students' motivation and the attractiveness of engineering education in general. The main goal is to develop the system of training for teachers of engineering disciplines in accordance with the principles of the Bologna Process and the European Higher Education Area. As part of the project, the EXTEND Center was opened at the university. Its main goal is to solve strategic, tactical and operational tasks that are important for the development of engineering education. <http://extend-erasmusplus.ru/>

Strategic Partnership for the Establishment of an Innovative Approach in Workplace Management Education (SPACE). The project is focused on developing educational disciplines in workspace management using modern methodological approaches in education and digital technologies. Within the framework of the project, a scientific study was carried out on the current state, needs and developments in workspace management among employers of large companies from the countries of the consortium, which made it possible to study the topic of this issue from the inside.

Climate Change and Urban Planning: the European Experience (CLEUX). This Erasmus + Jean Monnet Module was started September 2020. The aim of the Module is to study the EU experience in urban planning and develop training modules for students, teachers and urban planners, taking into account the reduction of human impact on the environment and climate change mitigation. www.ejm.mgsu.ru