«ASEDU-2020: Advances in Science, Engineering and Digital Education»

«Training system for professionally competent personnel of student construction brigades' main office in NRU MGSU (2011-2019)»

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Ensuring systematic improvement of the quality of training of young specialists for the construction industry can be implemented using the appropriate level of the Institute of student construction units.

The goal can be achieved by solving the following tasks:

• Selecting the type of organizational structure that best meets the tasks set for the movement for the SCU of the University;

• Development and systematic implementation of measures aimed at the evolutionary transformation of the organizational structure SCU

• Formation of a system for training professionally competent personnel based both as on the development of professional skills and as personal qualities of students.
The system of training professionally competent personnel of the staff of student construction units of an educational organization can be implemented by conducting three events cycles interconnected in time, goals and resources:

• Professional training cycle (hard skills);
• Personal qualities development cycle (soft skills);
• Adaptation and socialization cycle (soft skills).

The training system for professionally competent personnel developed by the SCB's main office of the NRU MGSU in 2011-2019, that had been implementing and improving until 2020 is shown in figure 1.
Solution methods

Figure 1. The training system for professionally competent personnel within the framework of student construction brigades.
Developed training system for professionally competent personnel within the framework of student construction brigades was realized in 2011-2019 years by the headquarters of the SCU NRU MGSU, which allowed:

• In 2016, 2017 became a winner All-Russian competition of professional skills among student units #TRUDKRUT

• Become the best headquarters of student units of an educational organization in Moscow in 2014, 2017, 2018

• Be constantly presented in the international student construction units of the state atomic energy Corporation "Rosatom"
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