

**Plan of
research work of students for the 2020-2021 academic year of the
Faculty of General Construction**

<i>№ n/n</i>	<i>Name of the topic</i>	<i>Full name of the supervisor</i>	<i>Full name of the student, group</i>	<i>Expected results</i>
Scientific direction: "Earthquake resistance and seismic reinforcement of buildings and structures» E. T. Besimbayev-Doctor of Technical Sciences, Academic Professor				
1	Design and calculation of earthquake-resistant buildings and structures	Besimbayev E.T.	CST-19 CST-18 MCST DCST	Participation in the annual Republican Student Olympiad; the Republican student conference "Student and Science: a look into the future", publication in the collection, participation in international student conferences and competitions of innovative projects; the annual republican competition for the best R & D.
Scientific direction: "Information modeling of general construction processes" Dubinin A. A.-Candidate of Technical Sciences, Associate Professor				
2	Information modeling of general construction processes	Dubinin A. A. Nurgaliev A. Y. Bryantsev A. A.	CST 19-11 Горобченко Д.В. MCST-20 Шахзадаев Р. Жанабаев А. MCST 19 Ержуманова У.	Development of a textbook for a course and diploma project. A course of lectures for undergraduate and graduate students. Participation in the contest "Young Scientist of Kazakhstan 2020» Participation in the annual Republican Student Olympiad; the Republican student conference "Student and Science: a look into the future", publication in the collection, participation in international student conferences and competitions of innovative projects; the annual republican competition for the best R & D.
Scientific direction: "Energy-saving and environmental aspects of engineering systems and networks" A. S. Taubaldieva-Candidate of Technical Sciences, Associate Professor				
3	Modern technologies in the field of water supply and sewerage of urban and industrial enterprises	Taubaldieva A. S. Garmaeva D. K. Kasabekov G. T. Mukhanova T. B.	ESaN-18 ESaN-17 CST-17 MCST	Participation in the annual Republican Student Olympiad; the Republican student conference "Student and Science: a look into the future", publication in the collection, participation in international student conferences and competitions of innovative projects; the annual republican competition for the best R & D.
4	Energy saving in heat and gas supply and ventilation systems	Makashev E. B. Aldabergenova G. B. Auelbekov S. Jumadilova S. Zh.		Participation in the annual Republican Student Olympiad; the Republican student conference "Student and Science: a look into the future", publication in the collection, participation in international student conferences and competitions of innovative projects; the annual republican competition for the best R & D.
Scientific direction: "Geotechnical research, design and strengthening of foundations and foundations of buildings and structures, calculations to ensure stability" Khomyakov V. A.-Doctor of Technical Sciences, Associate Professor				

5	Solving geotechnical problems in the field of construction	Khomyakov V. A. Hadagali I. N. Gumenyuk, V. V.	CST-19 CST-18 MCST DCST	Participation in the annual Republican Student Olympiad; the Republican student conference "Student and Science: a look into the future", publication in the collection, participation in international student conferences and competitions of innovative projects; the annual republican competition for the best R & D.
Scientific direction: "Modern methods of designing buildings and structures" I. M. Polyakova- PhD, Associate Professor				
6	The use of modern software systems in the calculations and design of buildings and structures	Kasimova G. T. Kabaeva A. K. Sagalova N. T. Tulegenova O. E.	CST-19 CST-18 MCST	Participation in the annual Republican Student Olympiad; the Republican student conference "Student and Science: a look into the future", publication in the collection, participation in international student conferences and competitions of innovative projects; the annual republican competition for the best R & D.
Scientific direction: Design and calculation of load-bearing and enclosing structures of buildings and structures R. K. Sadyrov-Candidate of Technical Sciences, Associate Professor				
7	Design and calculation of load-bearing elements, improvement of space-planning solutions of buildings, development of methods for calculating building structures in accordance with Eurocodes	Bazarov R. B. Azhgalieva B. A. Saidulla M. R.	CST-17 CST-18 MCST	Participation in the annual Republican Student Olympiad; the Republican student conference "Student and Science: a look into the future", publication in the collection, participation in international student conferences and competitions of WRC innovative projects; the annual republican competition for the best R & D.
Scientific direction: Modern methods of research and assessment of the technical condition of structures of buildings and structures Klemeshev A. D. - Ph. D., associate Professor				
8	Modern methods of research and assessment of the technical condition of structures of buildings and structures	Klemeshev A. D. Mursalina G. B.	CST19 CST-18 MCST	Participation in the annual Republican Student Olympiad; the Republican student conference "Student and Science: a look into the future", publication in the collection, participation in international student conferences and competitions of innovative projects; the annual republican competition for the best R & D.
Scientific direction: "Energy efficiency in modern construction» Maulenov Zh. K. - Doctor of Technical Sciences, Associate Professor				
9	Energy efficiency in modern construction.	Maulenov Zh. K. S. A. Nurpeisov Nurmaganbetova A.	CST-19 CST-18 MCST	Participation in the annual Republican Student Olympiad; the Republican student conference

		T. Aubakirova, B. M.		"Student and Science: a look into the future", publication in the collection, participation in international student conferences and competitions of innovative projects; the annual republican competition for the best R & D.
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