PLAN

research work of the Faculty of Civil Engineering for the 2020-2021 academic year of the Faculty of General Construction

N⁰	Name of topics	Main performers	Expected scientific results	Deadlines		
n.n.						
ens	Scientific direction: Geotechnical research, design and strengthening of foundations and foundations of buildings and structures, calculations to ensure sustainability Head: Khomyakov V. ADoctor of Technical Sciences, Associate Professor					
	Solving geotechnical problems in the field of construction Scientific direction: Modern te Director: E. T. Besimbayev-D	0	Execution of a contractual topic; Publication of articles in collections of international scientific conferences, in publications of far and near abroad and in rating journals with an impact factor; Implementation of the obtained scientific results in the educational process; Involvement of students, undergraduates and doctoral students in the field of scientific activity. Participation in scientific seminars, conferences, and symposiums. g the stability of buildings and structures ences, Academic Professor	November 2020 – May 2021 September 2020 – May 2021 September 2020-June 2021 September 2020 – May 2021 September 2020- June 2021		
2.	Modern technologies of construction production.	Besimbayev E. T. Dubinin, A. A. Seytkazinov O. D. Kenjebaeva A. K.	The fulfillment of contractual issues; Publication of articles in collections of international scientific conferences, in journals with an impact factor, including State of the Art; Introduction and use of the results of scientific research in pedagogical practice; Organization of participation of students, undergraduates and doctoral students in scientific conferences and competitions. Involvement of students, undergraduates and doctoral students in the field of scientific activity.	2020-2021 academic year September 2020 – May 2021. September 2020-June 2021 March – May 2021		

	Improving wastewater	Jartaeva D. K.	The fulfillment of contractual issues;	2020-2021 academic year
	treatment in industrial	Kasabekov G. T.	Publication of articles in collections of	
	enterprises	Mukhanova T. B.	international scientific conferences, in journals with impact factor;	September 2020-June 2021
			Organization of participation of students and undergraduates in scientific conferences and competitions.	October 2020– May 2021
			The connection of scientific research with the educational process by involving students and	September 2020 -June 2021
	ntific direction: Improvement d: E. B. Makashev-PhD, Assoc	▲	undergraduates in research work.	
Hea	d: E. B. Makashev-PhD, Assoc	ciate Professor	undergraduates in research work. /T systems	2020-2021 academic year.
Hea	d: E. B. Makashev-PhD, Assoc Improving, optimizing and improving the reliability of heat and gas supply, heating,	▲	undergraduates in research work. /T systems Implementation of contractual topics; Publication of articles in collections of international scientific conferences, in journals	2020-2021 academic year. September 2020-June 2021.
	d: E. B. Makashev-PhD, Assoc Improving, optimizing and improving the reliability of	Aldabergenova G. B. Auelbek S. Sh.	undergraduates in research work. 'T systems Implementation of contractual topics; Publication of articles in collections of	

5	The use of modern software	Polyakova I. M.	Obtaining copyright certificates on the subject	September 2020-June 2021.		
5	systems in the calculations	Kabaeva A. K.	under study;	September 2020-June 2021.		
	and design of buildings and	Kasimova G. T.	Publication of articles in collections of			
	structures	Sagalova N. T.	international scientific conferences, in journals	March - May 2021		
		Tulegenova O. E.	with impact factor;			
			Organization of participation of students and			
			undergraduates in scientific conferences and	2020-2021 academic year.		
			competitions.			
			Execution of a contractual topic.			
	Scientific direction: Design and calculation of load-bearing and enclosing structures of buildings and structures Head: R. K. Sadyrov-Candidate of Technical Sciences, Associate Professor					
6		The Sadyrov R. K.	Participation in the MONRC competition for	June 2020 - June 2021		
U		Imambaeva R. S.	grant-funded scientific and technical projects;			
		Bazarov R. B.	Development of training manuals for the			
		Azhgalieva B. A.	calculation of reinforced concrete structures in	2020-2021 academic year		
		Saidulla M. R.	accordance with Eurocodes (in the state and			
		Chuev R.	Russian languages);			
			Application of modern software systems in			
			calculations and design of buildings and	2020-2021 academic year		
			structures;			
			Publication of articles in collections of			
			international scientific conferences, in journals	September 2020-June 2021.		
			with impact factor;			
			Introduction and use of the results of scientific	2020 2021		
			research in pedagogical practice;	2020-2021 academic year		
			Execution of a contractual topic; Organization of participation of students and			
			undergraduates in scientific conferences and	2020-2021 academic year		
			competitions of the WRC.	March - May 2021		
			competitions of the wite.	Waren Way 2021		
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	Scientific direction: Investigation of welded I-beams with corrugated walls, weakened by technological holes					
Hea	Head: A. A. Bryantsev-PhD, Associate Professor					

7	Improvement of structural forms and methods of calculation of beams with corrugated walls	Bryantsev A. A.	Obtaining copyright certificates and patents on the subject under study; Publication of articles in journals of XOAN, in journals with impact factor; Organization of students ' participation in scientific conferences and competitions. Execution of a contractual topic. Introduction and use of the results of scientific	September 2020-June 2021. September 2020-June 2021. March - May 2021 September 2020 –December 2020 2020-2021 academic year			
Scie	ntific direction: Research and	evaluation of the techni	research in pedagogical practice.				
and	and structures Head: Klemeshev A. D Ph. D., associate. Professor						
8	Research and evaluation of the technical condition of existing buildings and structures	Klemeshev A. D. Mursalina G. B.	The implementation of economic-contractual research topic; Publication of articles in the collections of international scientific conferences, in various publications, including journals with an impact factor; Involvement of students and undergraduates in the field of scientific activity. Implementation of the obtained scientific results in the educational process	September 2020-June 2021. September 2020-June 2021. March 2020g - June 2021 September 2020-June 2021.			
	Scientific direction: Energy efficiency and energy saving in construction Head: Zh. K. Maulenov-Doctor of Technical Sciences, Associate Professor						
9	Energy efficiency and energy saving in construction	Maulenov Zh. K. S. A. Nurpeisov Nurmaganbetova A. T. Aubakirova, B. M.	The implementation of economic-contractual research topic; Publication of articles in the collections of international scientific conferences, in various publications, including journals with an impact factor; Involvement of students and undergraduates in the field of scientific activity.	September 2020-June 2021. September 2020-June 2021. March 2020 - June 2021 September 2020-June 2021.			
			Implementation of the obtained scientific results in the educational process;				