



KREMENCHUK MYKHAILO OSTROHRADSKYI NATIONAL UNIVERSITY

Generic information on education and research activity



www.kdu.edu.ua



KREMENCHUK: Introduction



Population: 45 mln

Population: 225 889

- Kremenchuk is located at the Central Ukraine on Dnieper River
- Belongs to Poltava region
- Is about 300 km from Kyiv (capital city)

KREMENCHUK: Industrial City

Automobile Plant **KrAZ**

Carriage Works

Oil Factory

Steel Factory

Hydropower Station



Road Machines Plant





HISTORY

- 1960 - creation of the General Technical Department (GTD) of Poltava Construction Engineering Institute, in 1972 – GTD of Kharkov Automobile Engineering Institute;
- 1974 – reorganization into Kremenchuk branch of Kharkov Polytechnic Institute (KB KPI), training specialists part-time in the evening and correspondence departments;
- 1989 – creation of the full-time department of KB KPI;
- 1997 – creation of Kremenchuk State Polytechnic Institute (KSPI);
- 2000 - reorganization into Kremenchuk State Polytechnic University (KSPU);
- 2006 – granting the status of a IV level higher education establishment to the university;
- 2007 – awarding the name of M. Ostrohradskyi to the university;
- 2009 - reorganization into a classical university (KSU);
- 2010 – granting the status of a national university to the establishment.



THE CHARACTERISTIC OF THE UNIVERSITY

KrNU trains specialists in 27 Bachelors', 27 Masters' and 12 PhD programs at two educational-research institutes and four faculties where about five thousand students acquire education. There are 29 departments, 23 of them train graduates.



According to the staff list, 362 lecturers and researchers are employed at the university. Among them there are 54 doctors of sciences, 176 PhDs (159 of them are employed full-time).

197 (54 %) full-time lecturers have academic degrees and titles.





Institutes and departments

- **The Institute of Electromechanics, Energy Saving and Control**
- **The Department of Electronics and Computer Engineering**
- **The Department of Economics and Management**
- **The Institute of mechanics and transport**
- **The Department of Law, Humanities and Social Sciences**
- **The Department of Natural Sciences**



THE RESEARCH ACTIVITY OF THE UNIVERSITY

The scientific and research activity of the university is provided by means of :

- carrying out research and development projects financed by the state, by other organizations or initiated by the researchers;
- writing textbooks, manuals and monographs based on the achievements of the science and technology and papers published in special journals;
- training specialists of the highest qualification;
- development of research cooperation (including the international one) with higher educational establishments, the institutions of the Academy of Sciences and other establishments and organizations to solve complex research problems, implement the results of the research and developments;
- participation in research, scientific-practical, scientific-methodical workshops, conferences, competitions, contests; holding competitions (contests) of students' creative activity.



DEFENCE OF THESES

At the university there are two doctorate and five Ph.D. specialized academic councils in 12 specialties, in which 19 Ph.D. and 3 D.Sc.theses were defended during 2018-2019.

The total number of the theses defended in different councils is shown in the table :

	2017-2018	2018-2019
The number of academics:		
Ph.D.	350	339
D.Sc.	176	166
	54	52
The number of Defended theses:		
Ph.D.	28	22
D.Sc.	23	19
	5	3



SPECIALIZED ACADEMIC COUNCILS

- D 45.052.01: 05.09.01 “Electric machines and devices”
05.09.03 “Electrical engineering complexes and systems”.
- K 45.052.03: 05.05.02 “Machines for the manufacture of construction materials and structures”.
05.03.01 “Machining processes, machine tools and instruments”;
- K 45.052.04: 05.13.06 “Information technologies”;
05.27.06 “The technology, equipment and manufacture of electronics”;
- K 45.052.05: 21.06.01 “Environmental safety”;
- D 45.052.06: 05.03.05 “Plastic working processes and machines”;
05.15.09 “Geotechnical and mining mechanics”;
- K 45.052.02: 08.00.04 “Economics and enterprise management (by the types of economic activity)”;
08.00.07 “Demography, labor economics, social economy and politics”;
- K 45.052.07: 13.00.04 “The theory and methods of professional education”.



CONFERENCES and WORKSHOPS

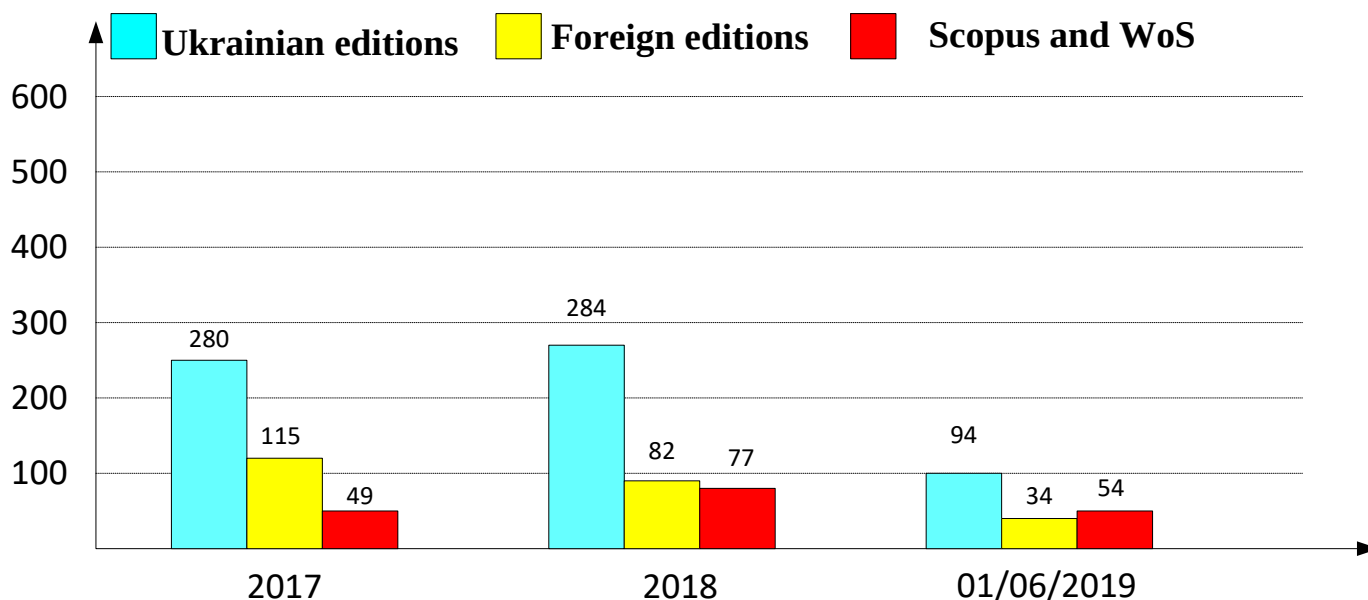
Every year KrNU holds about 20 international and national research-technical and scientific-practical conferences, as well as 8-10 research workshops, including four workshops in cooperation with the National Academy of Sciences of Ukraine.



About 1500 researchers and specialists from more than 200 universities, 15 academic establishments and 40 enterprises of Ukraine take part in the work of the conferences and workshops.



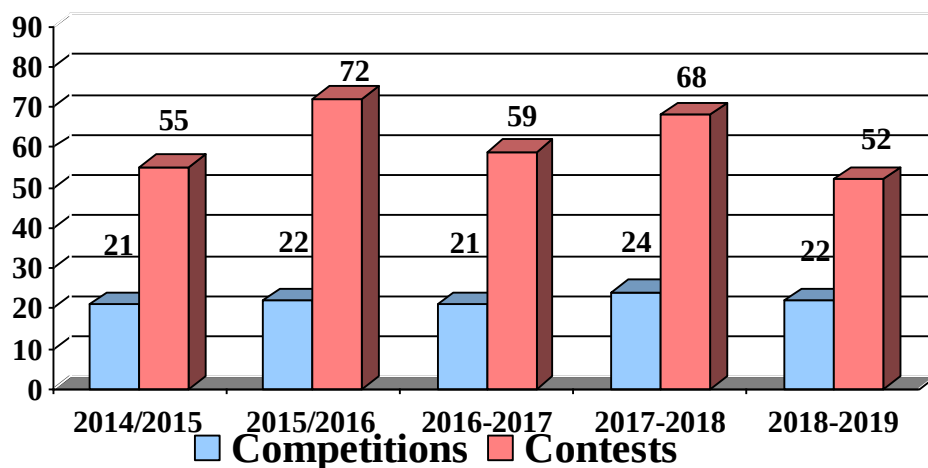
The number of publications in research journals



The research papers of the scientists of our university are registered in such data bases as Web of Science, Scopus, E-library, Ulrich's, Inspec, Copernicus, WorldCat etc.

As to October 2019, the number of KrNU researchers' publications in Scopus is 395, the number of citations - 1177, Hirsch index - 16.

THE STUDENTS' ACHIEVEMENTS (in 2017-2018 academic year)

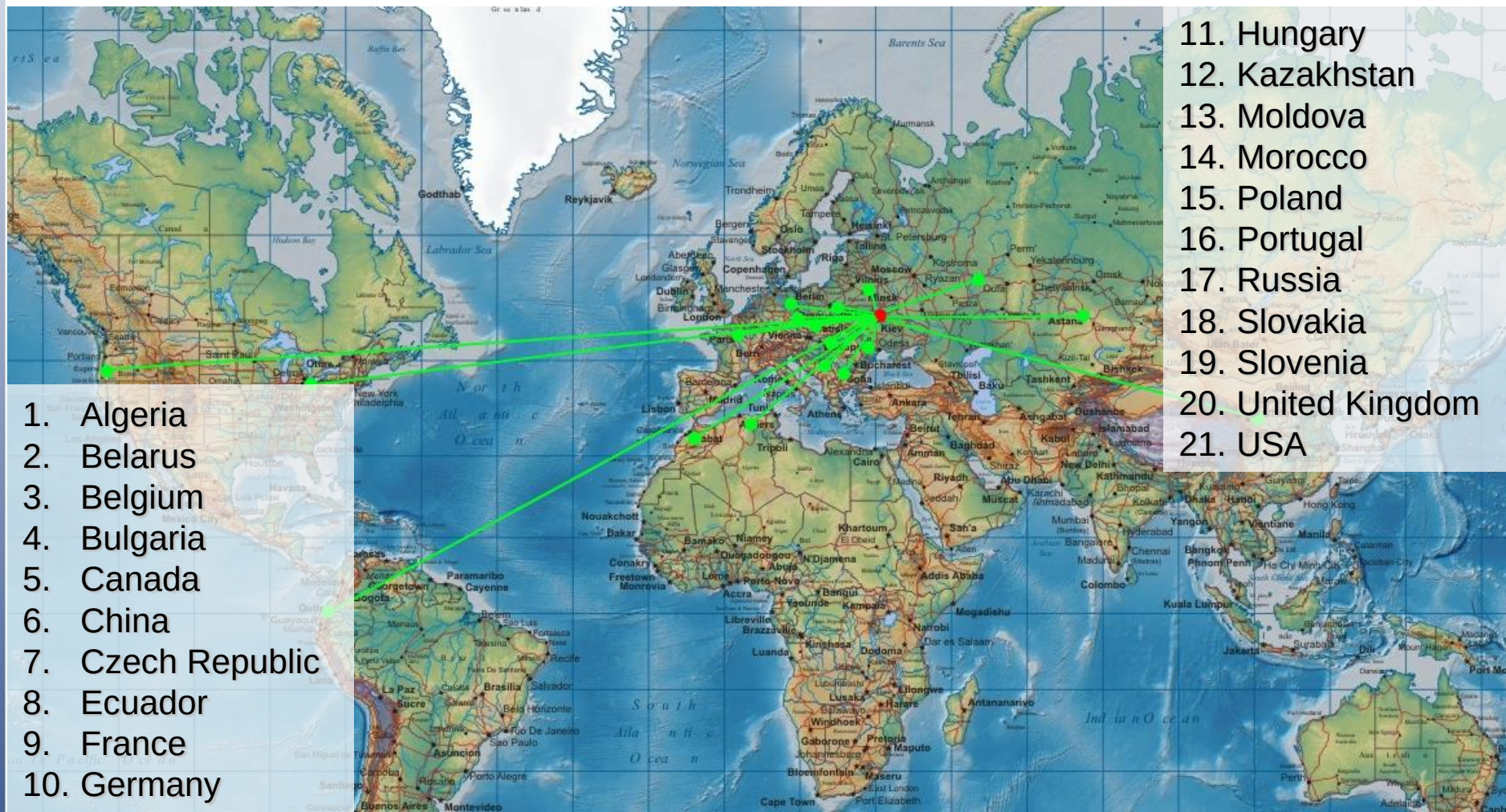


- In 2018-2019 academic year 52 research papers of KrNU students were the winners in the II round of the All-Ukrainian contest of students' research papers (it is the highest result in Poltava region). Our students won 22 prizes in the second round of the All-Ukrainian competition.



International cooperation (1)

✓ signed agreements with more than **60** educational establishments in **21** countries



1. Algeria
2. Belarus
3. Belgium
4. Bulgaria
5. Canada
6. China
7. Czech Republic
8. Ecuador
9. France
10. Germany

11. Hungary
12. Kazakhstan
13. Moldova
14. Morocco
15. Poland
16. Portugal
17. Russia
18. Slovakia
19. Slovenia
20. United Kingdom
21. USA



INTERNATIONAL COOPERATION

- KrNU is annually visited by delegations from the USA, Austria, Slovakia, Slovenia, Czechia, Poland, Bulgaria, China, the lecturers and students of KrNU go to about 21 countries of the world every year.
- We actively cooperate with foreign countries within the framework of academic exchange programs Erasmus+ , IREX (USA), Mitex (Canada), the German service of academic exchange (DAAD), American Councils, British Council.
- The researchers of our university annually get grants from the countries of Central and Western Europe, China, Canada, the United States of America.





Students' internship in Slovakia (Matej Bela University), autumn 2016





Visit of KrNU delegation to Lanchzhou Transport University, China, 2018





RESEARCH SCHOOLS



“The electromagnetic and electromechanical processes in electric machines and devices”

Research supervisor: Zagirnyak Mykhaylo Vasylovych



“The explosion mechanics and resource-saving ecologically reliable technologies of the controlled explosive destruction of the rock”

Research supervisor : Vorobiov Viktor Vasylovych



“Energy and resource saving, the diagnostics and monitoring in electromechanical systems, the improvement of the energy recording devices”

Research supervisor : Rodkin Dmytro Yosypovych



**“The regional management of enterprise competitiveness” Research supervisor :
Khomenko Mykola Makarovych**



“The structural improvement of semiconductor materials, the technology of the manufacture of the monocrystals of semiconductors and photoelectrical energy convertors” Research supervisor : Oksanych Anatolii Petrovych



**“The theoretical and applied fundamentals of information technologies”
Research supervisor : Huchenko Mykola Ivanovych**

**“The optimization of the processes of sheet-metal stamping and impulse material processing”
Research supervisor : Drahobetskyi Volodymyr Viacheslavovych**

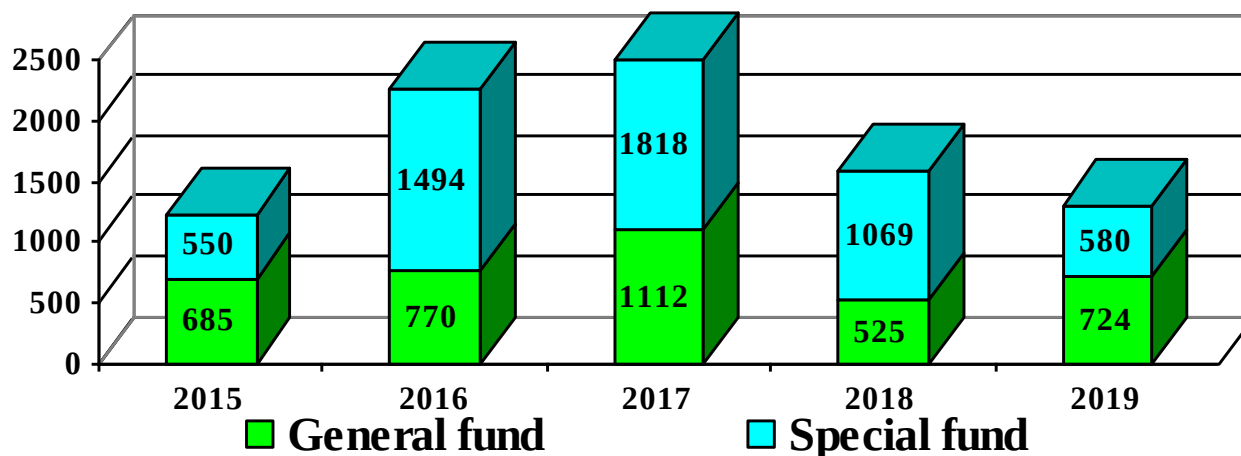


**“The research of the regularities of dynamic systems and mechanisms functioning”
Research supervisor : Maslov Oleksandr Havrylovych**

**“The management of the regional environmental safety”
Research supervisor : Shmandii Volodymyr Mykhailovych**



THE AMOUNT OF RESEARCH FINANCING (UAH THOUSAND)



During 2018-2019 KrNU performed two fundamental and three applied research works financed by the general fund of the state budget, which cost UAH 1 100 000, as well as 45 research works by agreements with enterprises, which cost UAH 2 000 000. Thus, the total sum of financing obtained in 2019 is about three mln Ukrainian Hryvnias.

EXHIBITIONS

The results of KrNU participation in VIII International exhibition “Modern educational establishments – 2017”:

- Grand prize “The leader of the research and scientific-technical activity” ,
- Gold medal and Certificate “The quality of research publications “ by the indices of Scopus database.





The university position in the world and national ratings

RATING NAME AND FOUNDER	KRNU AMONG THE HEE OF UKRAINE
Transparent Ranking of Universities GOOGLE SCHOLAR Citation	74
Webometrics Ranking of World Universities Cybermetrics Lab of CSIC	36
Global University Ranking uniRank™ Observatory on Academic Ranking & Excellence (IREG)	34
QS TOP 250 Universities of Emerging Europe & Central Asia Quacquarelli Symonds Ltd of Cambridge MA & Wharton MBA	17
Round University Ranking Clarivate Analytics Company	5
OSVITA.UA consolidated rating "Osvitnii portal" LLC	60
TOP 200 Ukraine The Center of International projects "Evroosvita" Observatory on Academic Ranking & Excellence (IREG)	38
Rating of HEE of Ukraine Sciverse integrated scientific-information environment SviVerse, including the reference and bibliographic database Scopus as a part	50
TOP 10 HEE of the Poltava region OSVITA.UA "Osvitnii portal" LLC	2

The most significant achievements of KrNU in 2018 included awarding the order of Yaroslav Mudryi of V degree to Prof. D. Sc Zagirnyak M.V., awarding the order of Princess Olha of III degree to Ass. Prof. Ph.D Serhiienko V.V. granting the State Prize of Ukraine in the field of education to Prof. D.Sc. Zagirnyak M.V., Ass. Prof. Ph.D Serhiienko S.A., Prof. D.Sc. Chornyi O.P. granting the title of the Honored Scientist and Technologist of Ukraine to Prof. D.Sc. Drahobetskyi V.V.



KREMENCHUK MYKHAILO OSTROHRADSKYI
NATIONAL UNIVERSITY



Kremenchuk Mykhailo Ostrohradskyi National University

www.kdu.edu.ua



Thank you for your attention!

