



MINISTRY OF EDUCATION AND SCIENCE OF UKRAINE
NATIONAL TECHNICAL UNIVERSITY
"KHARKIV POLYTECHNIC INSTITUTE"

**Institution "ELECTRIC POWER ENGINEERING,
ELECTRONICS AND ELECTROMECHANICS"**

Department of «ELECTRICAL MACHINES»

Profession –

electromechanical engineering



Specialty – 141. «Electric Power Engineering, Electrical Engineering and Electromechanics»

Educational Program – «ELECTROMECHANICS»

Specialization – «ELECTRICAL MACHINES»

Kharkiv - the exclusive center of electrical engineering
in Ukraine and Eastern Europe.

NTU "KhPI"



Students NTU "KPI" will receive:

- high professional training and specialization;
- the ability to military training on its own military department;
- to choose a favorite sport that you can practice, including swimming pool;
- State Diploma of Higher Education Institutions of 4th (highest) level of accreditation, which will allow you to find a job in Ukraine, CIS countries and far abroad.

You can always show yourself in the student sports life



SPORT CENTER of NTU "KhPI"

Dormitory



- comfortable 4-bedded rooms with bathroom and shower
- plastic windows
- beds with orthopedic mattresses
- lounges, a reading room and a gym
- the price up to 800 UAH / month



Scientific and technical library of NTU "KhPI"

Modern library with Wi-Fi access and a wide catalog of digital and paper-based resources - is the key to your success in understanding of new disciplines.



DEPARTMENT OF ELECTRICAL MACHINES TODAY



Large machine room with laboratory stands



Classrooms



Computer classrooms for training our students

STUDENTS SCIENTIFIC WORK

The friendly and experienced team of student teachers always help you on your way to success!



On the way to the goal of getting a master's degree



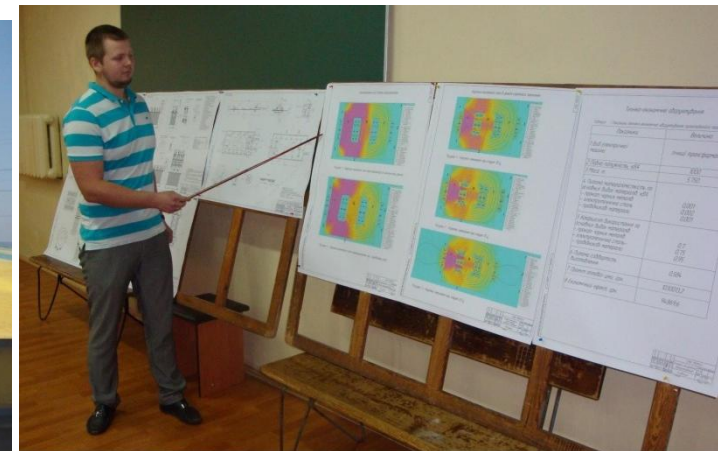
The conferences



At the presentation of awards



At practice



Defending diploma

AREAS OF STUDYING:

Turbo- and hydro generators at the power plants

Our graduates produce, install, provide operation and maintenance of electrical equipment of NPP, TPP, HPP and PSPP.

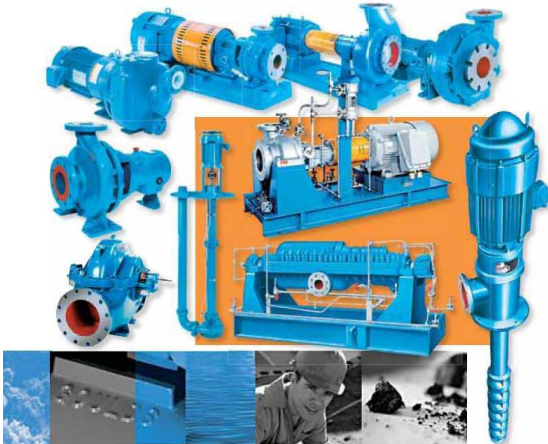


Wind power stations

Our graduates are working to develop renewable sources of energy for wind and solar power.



Electric cars and equipment gas and oil pumping systems

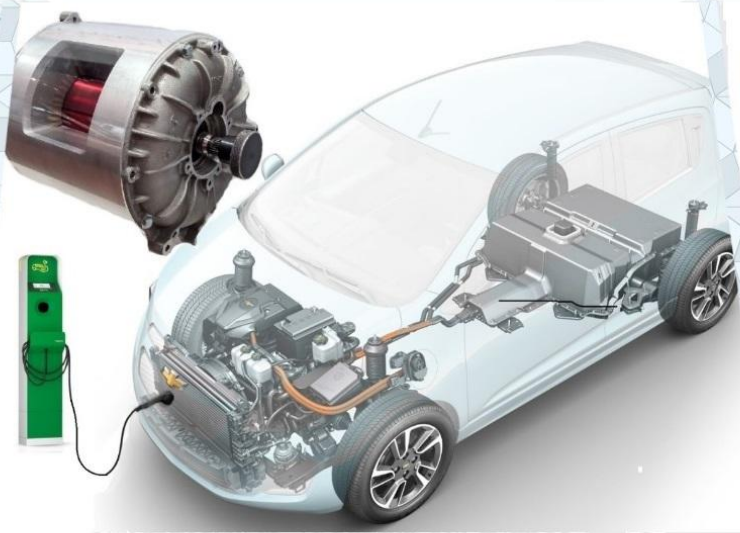


Electric car - the car on electricity: the cost of 100 km of running is about 20 UAH (0,7 \$).

Pumps for transfer of the oil in ITT GOULDS



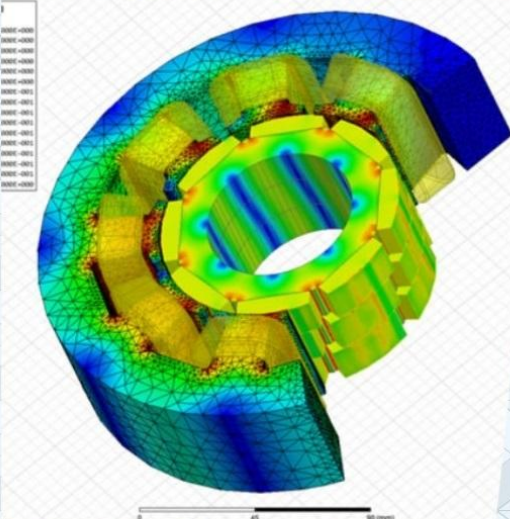
Turbogenerator at CHPP



Electric car



AC motors



3D machine design



DC motor for Underground



Motor-wheel

Experienced mentors spend the excursions on a state-owned enterprises of **Kharkiv** and demonstrate the production and operation of large and small **electrical machines**



Turbine generators, transformers and motors - only a small part of our country's industry



Areas of use of electrical machines: and that's not all ...



Valve motor for HDD



DC motor for the Underground



Induction motors - the driving force of the pump stations



The motor-wheel electric bicycles

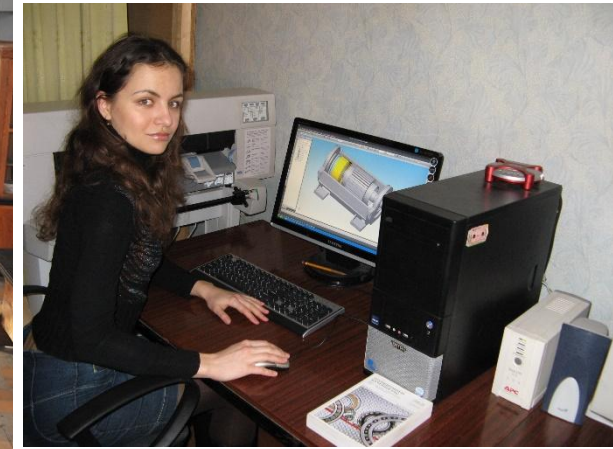


Induction motor for trolley buses



Electric motors for trams

OUR Students learn very fast, fun and with a big interest!





We wish you good luck !!!
See you soon 😊

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Our website: <http://web.kpi.kharkov.ua/elmask>