



#### Politechnika Poznańska

# **Poznan University** of Technology

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# Poznan University of Technology

Poznan University of Technology (PUT) grew out of the State School of Mechanical Engineering which was established in 1919.

Our mission is to provide personnel highly qualified in wider understanding of engineering, closely related to research, technology development and innovation in partnership with the economy and society.

Currently, the university consists of 10 departments, educates 21,000 students in courses leading to Bachelor's and Master's degrees, 1600 postgraduate students and 600 students working towards a PhD. PUT employs about 1,300 university teachers.

"Technology in a Positive Climate" gives an idea of the university's great concern for its students. We focus on the needs of young people whom we know the future belongs to. This encouraging conviction continuously inspires us to work even harder.

To work and study at such a prestigious university as PUT, one has to effectively combine conceptual impetus, the pragmatism of an engineer, as well as interpersonal skills.

Taking all these into consideration and striving for our ideals day by day, we observe the following rules:

• Science for people. We do not retreat from the world: technological development is accompanied by the greatest respect for human beings,

Among the research and teaching staff are members of the Polish Academy of Sciences as well as three winners of the Foundation for Polish Science, termed the Polish Nobel Prize.

#### PUT has world-class achievments in:

- Engineering of: unmanned aerial vehicles, mobile command center, hybrid car engines, passive houses
- Technologies for testing circuit systems, new materials and carbon composites and their use for electrochemical storage and energy conversion
- Expertise in simulation of production and logistic systems, solutions for agile enterprise and ergonomics for disable people.

PUT works in the field of education with approximately 160 European universities and in the research field with 70 universities located in the USA, Great Britain, France, Germany, Brazil, China, Japan, Russia, Taiwan and Ukraine.

- Practical experience. The tempo of economic life demands continuous education and adaptation to the realities of the global market. For this reason, the university combines the development of the latest scientific disciplines with the transfer of this knowledge and technology into the practical dimension.
- Close relationship with business. Contacts with numerous business partners are an essential part of university life. Our partners" encouragement and advice help us not only to adjust our educational programmes so as to meet the requirements of the market, but primarily, to make our position among other universities stronger.

## A perfect place to study



Oleksii Fedorenko (Ukraine): I came to Poland for master degree studies and fortunately I got admission to Poznan University of Technology. Being a telecommunication engineer I've chosen ICT (Information and Communication Technologies) program, where all courses are conducted in English. Now I am finishing the studies and preparing for diploma exam. I can definietly recommend Poznan University of Technology for everybody who wants to get quality technical education. There are modern facilities for studying, supplied with the strong and qualified support of the staff. I think for a foreigner PUT is a perfect place to study, get new experience and develop professional skills.

Our University is one of the leading universities in Poland. It has become one of the most recognized landmarks of the region, where industry is perfectly combined with education and culture and even the Europe. To a large extent this was possible due to the renowned pragmatism and reliability of the people of Poznan. We are proud of this. Our motto

- protection of the natural environment and sustainable economic development.
- Open-minded approach to science. PUT plays an important role in international scientific life: we take an active part in scientific exchange and international projects and cooperate with many companies and research institutions both in Poland and abroad.



### **Programmes of study in English**

- BSc in Architecture
- BSc in Control Engineering and Robotics
- BSc in Engineering Management

   specialization: Engineering with
- BSc in Electronics and Telecommunications – specialization: Information and Communication Technologies
- BSc in Mechanical Engineering
- MSc in Architecture
- MSc in Electronics and Telecommunications – specialization: Information and Communication Technologies
- MSc in Computing specialization:
   Software Engineering
- MSc in Automatic Control and Robotics – specialization:
   Smart Aerospace and Autonomous Systems double degree programme
- MSc in Engineering Management
   specialization: Corporate Management
- MSc in Chemical Technology

   specialization: Composites and Nanomaterials
- MSc in Civil Engineering specialization: Structural Engineering

- MSc in Civil Engineering specialization:
   Construction Technology Management
- MSc in Mechanical Engineering
   specialization: Product Engineering
- MSc in Mechanical Engineering

   specialization: Gas Technology and

   Renewable Energy
- MSc in Mechatronics specialization: Mechatronic Constructions
- Erasmus Mundus Joint Doctorate in Information Technologies for Business Intelligence Doctoral College
- PhD in Chemical Technology
   Faculty of Chemical Technology
- PhD in Civil Engineering and the Environment,
   Faculty of Civil and Environmental Engineering
- PhD in. Doctoral Studies of the Faculty of Mechanical Engineering,
   Faculty of Mechanical Engineering
- PhD in Management and Production Systems,
   Faculty of Engineering Management
- PhD in Mechanical and Operating Engineering,
   Faculty of Machines and Transport
- PhD in Modern Electrical and Information Engineering,
   Faculty of Electrical Engineering

- PhD in Technical Physics, Faculty of Technical Physics
- PhD in Telecommunication Technologies,
   Faculty of Electronics and Telecommunications
- PhD in Theoretical and Practical Problems of Automatic Control and Robotics,
   Faculty of Computing
- PhD in Theoretical and Practical Problems of Computing, Faculty of Computing.
- PhD in Interdisciplinary Doctoral Studies
- Materials Science, Faculty of
   Mechanical Engineering and Management, Faculty of Technical Physics,
   Faculty of Chemical Technology
- PhD in Interdisciplinary Doctoral Studies
- Nanotechnology, Faculty of Chemical Technology (PUT), Faculty of Technical Physics, Faculty of Chemical Technology (AMU)
- PhD in Interdisciplinary Doctoral Studies – Materials Science, Faculty of Mechanical Engineering and Management, Faculty of Technical Physics, Faculty of Chemical Technology

# Fields of study in Polish

- architektura Architecture
- automatyka i robotyka Control Engineering and Robotics
- bioinformatyka Bioinformatics
- budownictwo Civil Engineering
- edukacja artystyczna w zakresie sztuk plastycznych Fine Arts Education
- edukacja techniczno-informatyczna Technical-computing Science Education
- elektronika i telekomunikacja Electronics and Telecommunication
- elektrotechnika Electrical Engineering
- energetyka Power Engineering

- fizyka techniczna Technical Physics
- informatyka Computing Science
- inżynieria bezpieczeństwa Security Engineering
- inżynieria biomedyczna Biomediacal Engineering
- inżynieria chmiczna i procesowa Chemical and Processing Engineering
- inżynieria materiałowa Materials Science Engineering
- inżynieria środowiska Environmental Engineering
- inżynieria zarządzania Engineering Management
- logistyka Logistics

- matematyka Mathematics
- mechanika i budowa maszyn
   Mechanics and Mechanical Engineering
- mechatronika Mechatronics
- **technologia chemiczna** Chemical Technology
- technologie ochrony środowiska Environmental Protection Technologies
- transport Transport
- zarządzanie i inżynieria produkcji
   Management and Production Engineering

Facts & figures: ● Founded in 1919 ● 1294 academic staff ● 20 449 students (29% women) ● 140 foreign students

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There is the **Research and Development Center** of Samsung Electronics Poland at the university. The Faculty of Computing staff cooperate with the Technology Research and Development Center of Microsoft. The University is a leading provider of highly qualified technical personnel for companies in Greater Poland. In the field of education, PUT cooperates with more than a thousand SMEs.

Among other things Poznan University of Techology operates within scientific research and design field with companies from the sectors: automotive (VW Poznan, Solaris Bus & Coach, MAN Bus), precision (SKF, Aesculap-Chifa), home appliances (Amica), industrial automation (Phoenix

Contact), engineering (HCP-Poznań), chemical (Luvena), pharmaceuticals (GlaxoSmithKline), energy (Dalkia), construction (Budimex, Skanska), exhibition (MTP-Poznań), banking (BZ WBK – group Santander).

Come to Poznan University of Techology which is located in one of the most beautiful cities in Poland. Nice location, good connection with Eastern and Western Europe by air and train gives you a possibility to study at PUT and travel around Europe. The city is famous for cultural events, sport championships and international fairs. It is a university city with almost 150 000 students.

