



**Lublin University
of Technology**

1953
2013





5	Lublin University of Technology – Past and Present
11	Science and Education
15	Scientific Research
17	International Cooperation
19	Library
22	Computer Centre of LUT
24	Innovation and Advanced Technology Centre of LUT
25	Lublin Centre for Technology Transfer of LUT
26	Lublin Academic Business Incubator of LUT
28	Development Promotion and Cooperation Office of LUT
29	Department of Foreign Languages of LUT
33	Department of Physical Education and Sport of LUT
34	Student life
37	Alumni
38	Addresses and Contacts





LUBLIN UNIVERSITY OF TECHNOLOGY – PAST AND PRESENT

Mission

Lublin University of Technology has been a major education centre and an advisory unit in the city of Lublin and the region for almost six decades.

As the hub of technical science, its value and rank is systematically growing.

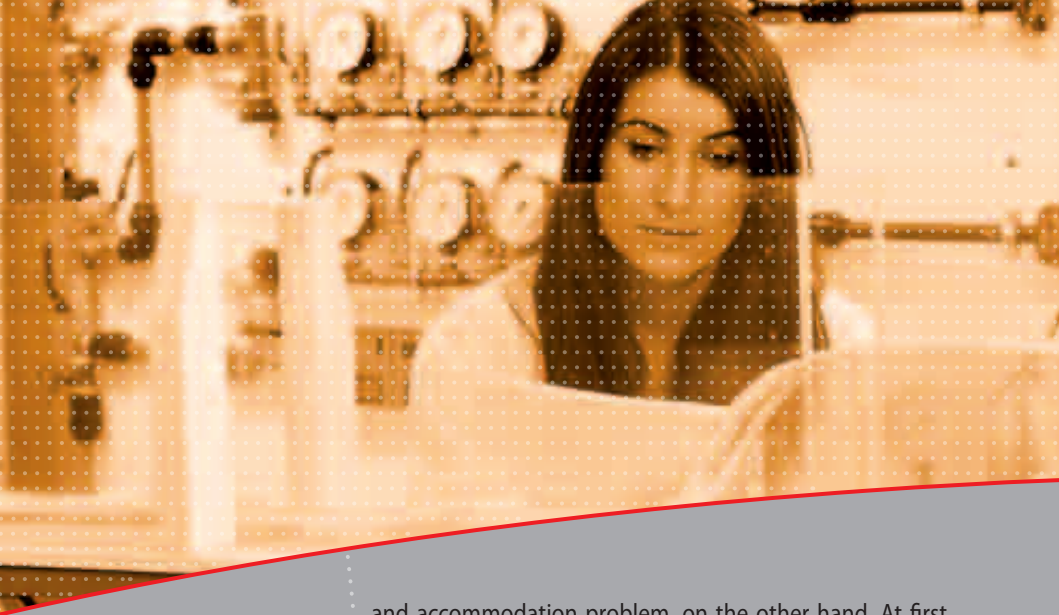
The school actively participates in social and economic life, thus playing an important role in integrating and creating culture. Its scientific and educational activities significantly contribute to the development of the region.

The importance of the region in the united Europe will depend on how competitive both the manufacturing sector and specialised service fields are. As a consequence, providing them with assistance has become one of the most fundamental elements in the mission of Lublin University of Technology.

History

Lublin University of Technology is a public college. It is also the largest technological university in the region.

It was established on 13th May 1953 as an initiative of Lublin's circles of engineers and technicians and was called Evening Engineering School. The University's history concerned a dynamic development of scientific staff, on the one hand,



and accommodation problem, on the other hand. At first the University enjoyed hospitality of other schools, institutions and factories. It was not until 1959 when the decision about the new location of the School was made. On 28th April 1965 as a result of intense efforts Evening Engineering School was transformed into High Engineering School, offering full-time, evening and extra-mural courses. In 1973 the School gained the right to provide education in the form of unified Master's studies. 1st August 1977 is an important day in the history of the School – the day when Lublin University of Technology was established. The first faculty of the University was the Faculty of Mechanical Engineering.

Already in the 1953/1954 academic year there were 109 students studying mechanics. In time, it became clear that further development of the University was necessary. In accordance with the intention of the founders who meant it to become a fully-fledged technical university, qualified engineering staff in the Lublin region were educated here.

In 1963/1964 academic year electrotechnology emerged as a separate course. In 1964 the Faculty of Electrical Engineering with the specialization in industrial electrical engineering was established. At present it constitutes the Faculty of Electrical Engineering and Computer Science. Next,



in 1965, the Faculty of Civil Engineering was founded and in 1967 renamed into the Faculty of Architectural and Sanitary Engineering, and in 2009 – the Faculty of Civil Engineering and Architecture. In 1988 the fourth faculty was established – the Faculty of Management and Fundamentals of Technology which was transformed into the Faculty of Management in 2007. In 2004 the fifth faculty was founded – the Faculty of Environmental Engineering. The Faculty of Fundamentals of Technology has been operating since 2007.

Faculties


At present there are six Faculties at Lublin University of Technology:

- The Faculty of Mechanical Engineering
- The Faculty of Electrical Engineering and Computer Science
- The Faculty of Civil Engineering and Architecture
- The Faculty of Environmental Engineering
- The Faculty of Fundamentals of Technology
- The Faculty of Management

Units

This structure is supplemented with all-university units:

- The Library of LUT
- IT Centre of LUT
- Innovation and Advanced Technologies Centre of LUT

- 
- Lublin Centre for Technology Transfer of LUT
 - Lublin Academic Business Incubator of LUT
 - Development Promotion and Cooperation Office of LUT

and interdepartmental units:

- Department of Foreign Languages
- Department of Physical Education and Sport

The Museum of LUT

To retain heritage and achievements of Lublin University of Technology, the Museum of LUT was founded in 2007. It conducts scientific, educational and service activity, collecting and promoting museum collections pertaining to technology, science and education, especially those connected with LUT.

Employees

There are over 1100 employees at LUT, including over 530 academic teachers. Representatives of research personnel and teaching staff are appointed as experts to significant positions and for numerous committees and opinion-forming bodies.

Honoris Causa Doctors

LUT awarded honorary degrees to nine scientists: Prof. Michał Kleiber, Prof. Anthony J. Moses, Prof. Tadeusz Kaczorek, Prof. Henryk Hawrylak, Prof. Stanisław Kocańda, Prof. Ryszard Ta-



deusiewicz, Prof. Wojciech Mitkowski, Prof. Iurij Kryvonos and Prof. Zenon Hotra.

Distinguished Professors

LUT awarded the title of the distinguished professor to five scientists: Prof. Jakub Siemko, Prof. Tomasz Winnicki, Prof. Boris Khroustalev, Prof. Volodymir Grabko and Prof. Kazimierz Szabelski.

European Union

The University takes advantage of opportunities offered by the European Union as regards supporting projects concerning staff development and postgraduate studies, as well as research basis and investment. In addition, the University offers specialist training for employees of various branches of industry.

Investment

Development of LUT is accompanied by extensive investment activity. Recently, the Education and Culture Centre has been founded. It is where our dance groups are located. The Centre also constitutes a venue of rehearsals, trainings, performances and meetings. Construction of underground optical fibre network co-financed by LUT and Ministry of Science and Higher Education was completed. At the same time the square between buildings of the Faculty of Electrical Engineering and Computer Science and Faculty of Mechanical Engineering has been rede-



veloped. Students can use a new, capacious car park. Moreover, works are in progress in the park of LUT, including works on sports facilities and new internal roads. The development of the square located between student hostels is also planned. Modernisation of educational facilities at the Faculty of Mechanical Engineering was carried out as part of the Operational Regional Programme for Lublin Voivodeship. In addition, the project titled "Expansion and modernization of educational and research potential in the Faculty of Civil Engineering and Architecture" has been completed.

Ventures

As part of 2007-2013 Operational Programme Development of Eastern Poland, LUT is undertaking three ventures: Innovations and Advanced Technologies Centre which will house 32 highly – specialized laboratories. As a part of the investment a car park will also be built; Eastern Innovative Centre of Architecture which is to create educational-research basis and innovative laboratories for IT technologies used in architecture, urban and spatial planning; And Central Laboratory of Implementation which is to purchase specialized equipment for conducting certified research and measurement work.



SCIENCE AND EDUCATION

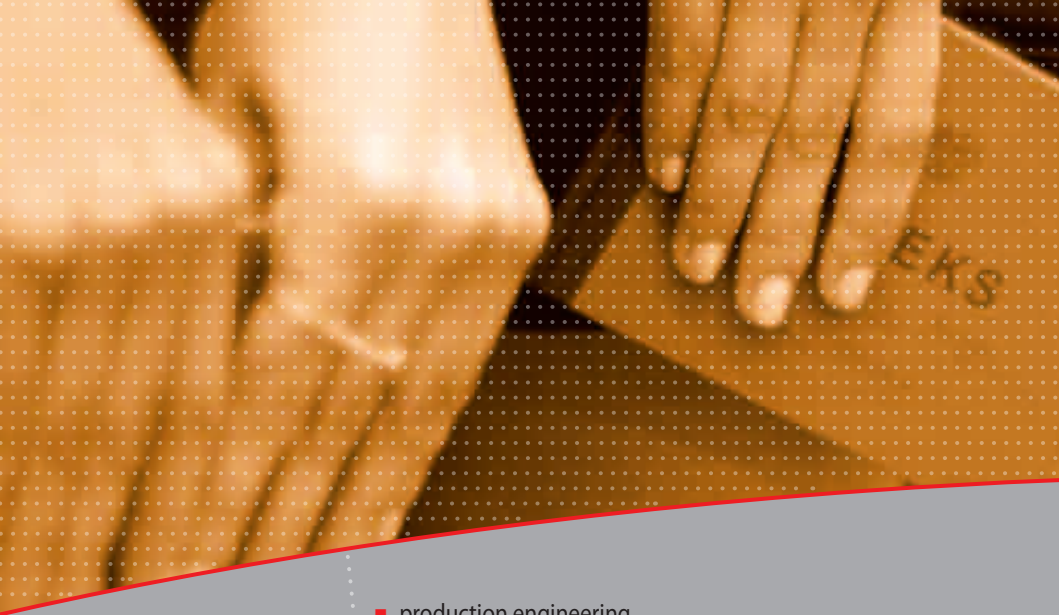
Students

Since the establishment of Lublin University of Technology the total number of students has risen over a hundred times. Nowadays, the University can boast over 11,000 students, 8,000 of whom are full-time students and the other 3,000 extramural, doctoral and postgraduate students.

Fields of Studies

There are 6 autonomous faculties offering 16 individual courses:

- architecture
- civil engineering
- technical and information education
- electrical engineering
- engineering physics
- information technology
- biomedical engineering
- material engineering
- environmental engineering
- mathematics
- mechanics and machine construction
- mechatronics
- environmental protection engineering



- production engineering
- transport
- management
- management and production engineering

Depending on the field, bachelor, master's and doctoral studies can be undertaken in full-time or extra-mural form.

Diplomas

Graduates of bachelor studies receive the university degree of engineer, engineer architect or bachelor, which entitles them to start work or continue studies in the framework of master's programme.

Graduates of master's studies receive MSc, MSc engineer, MSc engineer architect degree or equivalent, and can continue education at doctoral studies.

Doctoral Studies

Doctoral studies at Lublin University of Technology are conducted in full-time and extra-mural forms in three disciplines:

- Machine construction and operation (a 4-year course)
- Electrical engineering (a 4-year course)
- Environmental engineering (a 4-year course).

Moreover, the University has the right to confer PhD degrees in technical sciences in the following disciplines:

- Machine construction and operation
- Electrical engineering
- Environmental engineering
- Mechanics
- Production engineering.

Habilitation

Three departments of LUT have met requirements for granting associate professor degrees in the following disciplines:


- Machine construction and operation
- Electrical engineering
- Environmental engineering.

Other Forms of Education

The educational offer of the University also includes other forms of studying, such as: postgraduate studies (among others several courses co-financed by the European Union) and training courses dedicated to both secondary school students and people willing to broaden their professional knowledge.

European Standards

To meet European standards the University actively participates in the work on the improvement of its level of education. The University has adopted, among others, educational



system compliant with the Bologna declaration's postulates, successfully implementing such tools of the Bologna process as: ECTS point system functioning with all courses offered by the University, the system of providing good educational quality which allows supervision and improvement of standards of classes. The point system constitutes a supplement to the diploma, which facilitates the recognition of graduates' qualifications, programmes and further education courses, mobility programmes for students and faculty members.

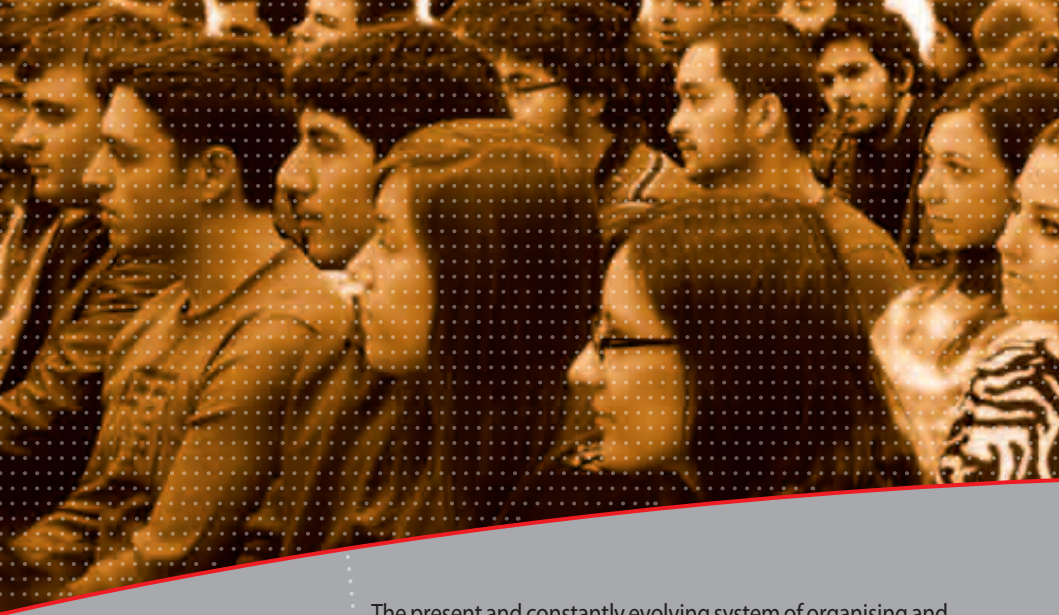


SCIENTIFIC RESEARCH

The basic unit which conducts research at Lublin University of Technology is the institute, the chair or a research team, who are appointed to manage particular tasks.

In the current system of financing science, scientific research is divided into the following groups (depending on their source of financing):

- research resulting from University's statutory activities in science;
- research subordinated to the development and improvement of faculty members;
- research projects financed by the National Science Centre;
- research and development projects financed by the National Centre for Research and Development;
- special research projects;
- scientific research realised under agreements with international science centres and international education programmes;
- R&D projects commissioned by companies;
- other research, in particular co-financed by various European Union programmes.



The present and constantly evolving system of organising and managing scientific research is oriented towards creating optimal conditions for conducting research and development of faculty members.

Its indicators include: the number of degrees and titles, the number of publications published in ISI Master Journal List and the number of quotations of scientific papers affiliated with Lublin University of Technology.

Consortia


Lublin University of Technology is a consortium member along with: The Institute of Aviation, Zakłady Azotowe Puławy (a chemical company specialising in the production of nitrogen fertiliser, etc), Fertiliser Research Institute, Kruszywa Niemce (rock and sand excavation) JSC, University of Life Sciences in Lublin, John Paul II Catholic University in Lublin, Witold Chodźko Institute of Rural Health.



INTERNATIONAL COOPERATION

Internationalisation of scientific research and education constitutes one of the priorities of Lublin University of Technology. The University maintains close partnership with institutions and scientific communities all over the world (approximately a hundred bilateral agreements), which is the framework for joint research projects, coupled with visitations and accompanying lectures, internships and conferences.

Lublin University of Technology is also an active participant – as a coordinator or consortium member – in numerous European scientific projects, most significant of which are those financed by the 7th European Union Framework Programme: PV-Sln BLOOM – Farming photovoltaic flowers: a new challenge for land valorization within a strategic eco-sustainable approach to local development; CEMCAST – Centre of Excellence for Modern Composites Applied in Aerospace and Surface Transport Infrastructure; Plasma Sterilization – Sterilization of Variety of Materials, Biomedical and Food Production Equipment Using Low Thermal Atmospheric Pressure Plasma Jet Combined with Advanced Oxidation Process; DELILAH – Diesel engine matching the ideal light platform of the helicopter and KORANET2 –



Environmental and Biomedical Applications of Microplasmas Produced by Gliding Arc Discharges.

An important form of international activity is the participation in education projects of such European programmes as: LLP-Erasmus (about 260 bilateral agreements), Erasmus Mundus (3 projects), Leonardo da Vinci II, Polonium, Baltic Sea University, CEEPUS, Tempus.

The International Cooperation and Research Office assists students and academic staff with scientific projects, whereas the International Exchange Office manages student and staff exchange.

Such energetic cooperation is bringing the University to the 21st century. Corresponding with the spirit of the Bologna Process and its guidelines on the current education system, Lublin University of Technology welcomes students from countries of the European Union, the former Eastern Bloc and the Far East as well.



LIBRARY

The fundamental task of the Library is to give students and academic staff not only a solid background and guidance, but also support them with any information required in the process of education, scientific work, research and professional projects.

Resources

The Library collects current Polish technical literature and foreign literature in printed and digital forms. It has already collected about 175 thousand copies of printed books and magazines. Subscription covers nearly 300 Polish magazines and 30 foreign titles.

Students and faculty members are offered technical literature, course books, textbooks and other specialist publications on technical and related disciplines; there are also general and specialist magazines available. For practitioners there are resources in the field of standardisation, patents and building approvals. The Library is the only one in the region who owns a full collection of current Polish Standards in the electronic form.

The University's computer network provides access to essential bases of full-text electronic magazines: Science-Direct, SpringerLink, Emerald, Wiley-Blackwell, ACM, APS, IEEE, SciFinder, EBSCOhost, JSTOR and bibliographic bases: ISI Web of Knowledge



and Scopus. The number of electronic databases is growing successively. Users can also gain access to e-books published by Polish IBUK service, books in Knovel base and publications of such editors as Elsevier, Springer or Wiley-Blackwel. The Digital Library of LUT covers current publications of the University, older teaching and scientific publications, industry standards, LUT's patent specifications, documents connected with the history of LUT and with science and technology in the region. The database of Publications of Research Staff keeps record of scientific achievements of the University.

Access and Services

Library resources are made available at convenient hours in five specialist libraries situated in faculty buildings and in central service points located on campus at Nadbystrzycka Street: Lending Library and Patent Information and Standardization Centre. Collections are available to anyone on site. The capacity of reading rooms amounts to 250 users. Each of the rooms is equipped with computers with Internet access. More than 120 thousand printed books and magazines are made available per annum, including 46 thousand copies made available on-site. The Library is visited by approximately 8 thousand users a year. Library's home page constitutes a gateway to knowledge. Multisearch, al-



phabetical list of journals and periodicals and InfonaNet periodicals search engine help you reach the required scientific literature found in library resources, Internet and commercial databases. E-reading room systematises various services in one location. The library computer catalogue contains descriptions of the whole collection and allows users to place orders and extend the return date on-line. A proxy server allows students and faculty members to access all the resources from external computers. Trainings make it easier for users to use these complex instruments. All freshmen students attend obligatory classes regarding library operations. There are also trainings for graduates, postgraduates and researchers in the use of sources of scientific information and the latest information technology.



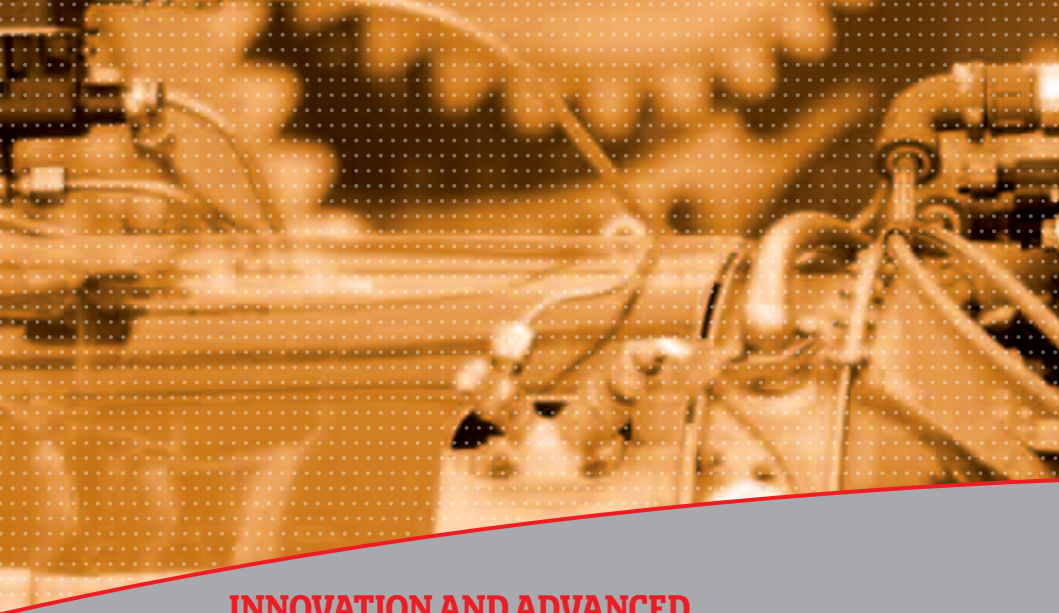
COMPUTER CENTRE OF LUT

The Computer Centre was established in 2003 to create, maintain and develop information systems that support management of the University. The responsibilities of the Centre include:

- maintenance and development of the core LAN infrastructure (from input devices to faculty hubs) and maintaining its compatibility with all components of faculty structures;
- coordination and implementation of a uniform system of wireless on-campus Internet access;
- maintenance and adaptation of computer network in Central Administration's and Department of Physical Education and Sport's buildings (external to faculty buildings);
- administrating Lublin University of Technology's web page (pollub.pl) and its services including: electronic mail server host, LUT main website and websites of faculties and university units;
- administrating public IP numbers and assigning them to individual university units;
- coordinating purchase of licences for professional software to be used in more than a single university unit, especially software increasing data security;



- implementing and consulting with users the security policy regarding IT systems (operating systems, databases, etc.);
- training employees on how to maintain data security and how to use IT tools;
- upgrading the database with information on software licences and LUT's computer users who accepted legal terms of use of the installed licensed software.



INNOVATION AND ADVANCED TECHNOLOGY CENTRE OF LUT

This special unit of Lublin University of Technology was established in 2006. Its objective is to reinforce and improve activities regarding promotion of new technologies, promotion and implementation of research results, and exploration of intellectual and technological potential of the University.

A close-up, slightly blurred photograph of industrial machinery, likely a manufacturing or processing unit, with various pipes, valves, and mechanical components. The image has a warm, orange-toned overlay with a white dotted pattern.

LUBLIN CENTRE FOR TECHNOLOGY TRANSFER OF LUT

The Centre was established in 2007 as an all-university unit, whose mission is to “support the innovative expansion of companies and corporations, and therefore the development of the region’s economy.”

Responsibilities of the Centre include:

- initiation and expansion of direct cooperation between the University and companies. Commercialisation of R&D conducted at the University is the objective of such cooperation;
- organisation of conferences, meetings, symposia, fairs and international collaboration as regards knowledge and technology transfer;
- providing information, counselling and training services to businesses, particularly in the field of technology transfer, technologies, organisation and management of production;
- issuing opinions on innovation for companies applying for EU funding.



LUBLIN ACADEMIC BUSINESS INCUBATOR OF LUT

Lublin Academic Business Incubator of LUT was founded in 2007.

Its objective is to bring about entrepreneurial attitudes among the members of academic community and prepare graduates to enter labour market successfully.

Through its offer Lublin Academic Business Incubator facilitates effective employment of the potential of scientific milieu in practice. The Incubator supports LUT students', doctoral students', graduates' and young academic staff's entrepreneurship.

The offer of Lublin Academic Business Incubator includes:

- support in starting and running a business;
- professional, legal and financial consultancy;
- assistance in acquiring funds for running a business;
- access to a fully-equipped training room;
- accounting and administrative services;
- a possibility of participation in projects co-financed by the European Union, Ministry of Economy and other;
- a possibility of using commercial versions of software for engineering design.



Lublin Academic Business Incubator focuses its activities on helping young people implement their ideas, test their skills on the market before their product or service is fully marketable. Owing to its extensive connections network the Incubator supports young entrepreneurs in finding consumers for their products or services, thus helping them take first steps in the world of business.



DEVELOPMENT PROMOTION AND COOPERATION OFFICE OF LUT

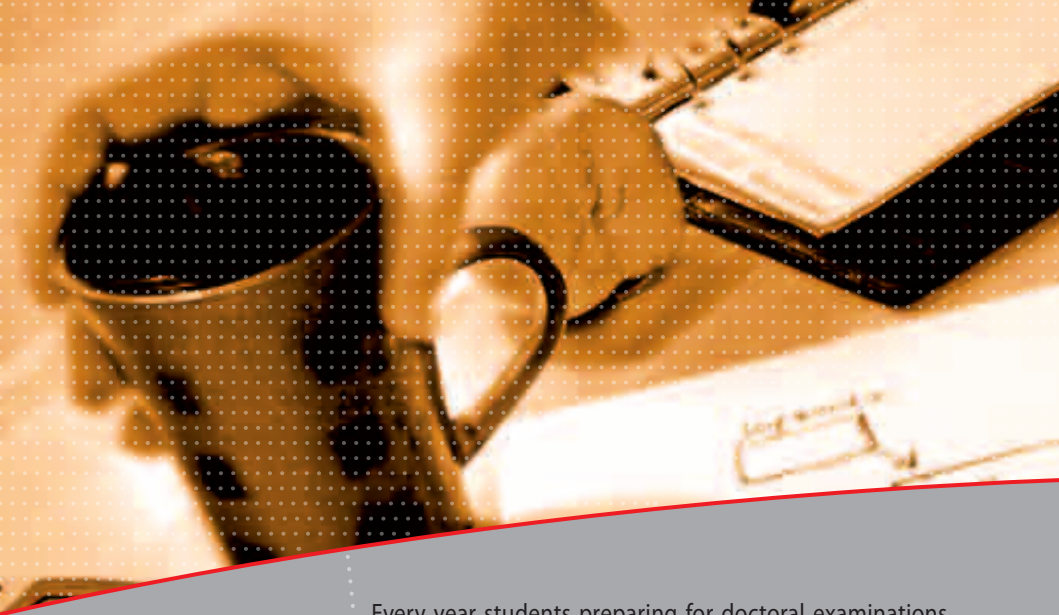
Development Promotion and Cooperation Office was established in 2012. Through its activities and undertaken projects it aims to serve both the development of LUT and establishment of cooperation with other entities. The Office collects documentation on the participation of various University units in programmes financed by the EU and monitors their implementation. Another area of its activity is concerned with promotion of the University and shaping its positive external image. Cooperation with institutions in the orbit of the University and winning over partners for joint projects constitute a significant aspect of the Office's activities. Remaining activities of the Office revolve around cooperation with businesses as regards joint projects and LUT's offer for business as well as cooperation with self-government bodies in the region.



DEPARTMENT OF FOREIGN LANGUAGES OF LUT

Department of Foreign Languages employs nearly 30 lecturers holding classes in English, German and Russian. A course of Polish is available for foreign exchange students of the Erasmus programme. In the process of language education, considerable amount of attention is devoted to realities connected with work environment (presentations, meetings, negotiations, etc). Students learn languages and become familiar with cultural differences for the ability to communicate in different cultures is the key to success. Emphasis is also placed on business and technical languages.

The latest achievements in methodology and teaching of foreign languages are kept up with in order to meet students' expectations in both fields. Department of Foreign Languages has two certified computer laboratories and equipment required to conduct examinations on-line, hold classes with the use of multimedia materials and enabling work with students by means of blended-learning method. The Department makes use of the latest technological developments such as: computers, multimedia projectors and interactive whiteboards.



Every year students preparing for doctoral examinations are tested in the Department.

Since 1999 the Department as Accredited Examination Centre LCCI from EDI (London Chamber of Commerce and Industry International Qualifications from Education Development International) has conducted professional examinations in English. In 2012 Department of Foreign Languages ranked second in the ranking of the most dynamically operating LCCI IQ Centres. At the beginning of 2012/2013 academic year the Department was awarded Certificate of Excellence.

Since 2006 the Department as ETS Accredited Examination Centre (Educational Testing Service, Princeton, USA) has conducted the following examinations in English: TOEFL, TOEFL Junior, TOEIC Listening&Reading, TOEIC Speaking&Writing and TOEIC Bridge; in German: WiDaF, WiDaF Basic; in French: TFI™. In 2010 the Department was awarded ETS Professional Exam Centre title.

So far over 2000 people have obtained language certificates in DFL.

The Department offers courses preparing for the above-mentioned examinations, courses in foreign technical lan-



guages and specialist courses (e.g. a course of English for uniformed services).

In the period of 2008-2010 the Department realised the project "Modern education – development of teaching potential of LUT – Module III"; the objective of the project was to increase language qualifications of research and administrative staff of LUT. The project was financed by the European Social Fund and the national budget. 78 beneficiaries obtained TOEIC L&R, TOEIC S&W and LCCI English for Business certificates (four language skills on four levels).

Between 2010 – 2012 as part of the project „ LUT of the 21st Century" Department of Foreign Languages realised an English course raising linguistic competence of faculty members; the course was concluded with TOEFL exam.

Between 2009 – 2013 as part of the project "Polub Pollub" students of so-called commissioned courses of studies attended an English course concluded with TOEIC L&R and TOEIC S&W exams.

In 2009 Department of Foreign Languages established cooperation with Iwan Franki State Pedagogic University (Ukraine) to conduct international certified TOEIC, TOEFL, WiDaF examinations and to establish Foreign Languages Certification Centre at State Pedagogic University in Drohobycz.



For several years multimedia presentation competitions have been jointly organized by DFL and Student Government at individual faculties; during these competitions students present topics connected with their studies. The events are held under the honorary patronage of deans.



DEPARTMENT OF PHYSICAL EDUCATION AND SPORT OF LUT

Department of Physical Education and Sport deals with physical culture in the broadest sense. Its basic task is to organize a teaching process for all students who attend mandatory PE classes and manage sport unit classes for students keen on sport. Depending on the faculty of studies physical education is compulsory for 2 – 3 terms. Classes are conducted in a sports hall, gymnasium, small gymnasium, at swimming-pools, tennis courts, football pitches and beach volleyball courts. The Department closely cooperates with the University Club of Academic Sports Association. For those with a desire to develop their sports interests, Academic Sports Association offers classes in about 20 sport units.



STUDENT LIFE

Student and Doctoral Student Government

Student Government of LUT participates in making numerous decisions on significant issues regarding the University. Among others, it fosters activities which serve the development of the student environment and the protection of its rights. Student Government initiates the organization of the largest events integrating university students: initiation ceremonies, St Andrew's Eve celebrations, student May festival, etc.

Doctoral Student Government was established in 2006/2007 and represents doctoral students. In 2009 it became a member of Technical Colleges Doctoral Students Agreement and Lublin Doctoral Students Agreement.

Music and Dance Groups

Lublin University of Technology distinguishes itself from other technical colleges in the number and artistic level of its music, dance and theatre groups. Students can pursue their interests by becoming members of Ballroom Dance Formation "Gamza", Modern Dance Group, Song and Dance Ensemble, Academic Choir and other music groups who add splendour to important cultural events at LUT, in Lublin and the region



with their performances. It is also noteworthy that these groups represent LUT abroad.

Media of LUT

A student magazine „Plagiat“, Student Photo Agency and Internet Television POLLUB.TV are organizations which are considered as LUT media group. Students who are involved in these present academic life, take part in reviews and win numerous national contests. Many people who acquired their first experience in SPF or Plagiat, currently constitute an active part of well-known editorial and television teams.

Science Clubs

At LUT there are numerous science clubs whose task is to carry out research, exchange experiences and improve their members' knowledge. They offer students a unique opportunity to pursue their passions and scientific interests. Students who apply their knowledge in practice, e.g. at Rotterdam's Shell Eco-Marathon, are the best ambassadors of the University in Poland and abroad.

Academic Sports Association

An important place in the University's activity is taken by the University Club of Academic Sports Association. There are almost twenty sport units with about 850 members. Kick-boxing Club, Yacht Club, Angling Sports Club, Historical Fencing Club all encourage students to spend their free time actively.



Career Services Office

Students and graduates of LUT can use the assistance of Career Services Office which advises on professional issues and provides trainings. It also undertakes various initiatives directly involving present and prospective students. It organizes Work Fair to help students entering labour market. Freshly enrolled students can participate in a student integration and adaptation camp "Adapciak" organised by the Office. In addition, graduates' career advancement is monitored by Career Services Office as well.



ALUMNI

LUT Alumni and Friends Society

So far over 41500 students have graduated from LUT. Many of them have been appointed to significant positions in the region, in Poland and abroad.

Alumni of LUT maintain ties with their alma mater. In 1961 Evening Engineering School Friends Society was established, and for years it gave active support to the School both financially and organisationally (by purchasing collections of books, equipment, laboratory machines and devices). In 2001, in keeping with this tradition, LUT Alumni and Friends Society was founded. The Society aims at the following:

- Dissemination and popularisation of LUT's traditions and achievements in local community, in Poland and abroad;
- Helping the University develop its infrastructure and providing support in other areas significant for its development;
- Assisting students in various aspects of their scientific, cultural and sports activity;
- Strengthening and developing ties of graduates and friends of LUT with the University.



ADDRESSES AND CONTACTS

Rector's Office

Politechnika Lubelska
ul. Nadbystrzycka 38 D, 20-618 Lublin
www.pollub.pl
e-mail: politechnika@pollub.pl

Faculty of Mechanical Engineering

Wydział Mechaniczny
ul. Nadbystrzycka 36, 20-618 Lublin
tel. (+48) 81 538 42 84
www.wm.pollub.pl
e-mail: wm.dziekanat@pollub.pl

Faculty of Electrical Engineering and Computer Science

Wydział Elektrotechniki i Informatyki
ul. Nadbystrzycka 38 A, 20-618 Lublin
tel. (+48) 81 538 42 87
www.wei.pollub.pl
e-mail: we.sekretariat@pollub.pl

Faculty of Civil Engineering and Architecture

Wydział Budownictwa i Architektury
ul. Nadbystrzycka 40, 20-618 Lublin
tel. (+48) 81 538 43 73
www.wbia.pollub.pl
e-mail: wb.sekretariat@pollub.pl

**Faculty of
Environmental
Engineering**

Wydział Inżynierii Środowiska
ul. Nadbystrzycka 40 B, 20-618 Lublin
tel. (+48) 81 538 47 88
www.wis.pollub.pl
e-mail: wis@wis.pol.lublin.pl

**Faculty of
Fundamentals
of Technology**

Wydział Podstaw Techniki
ul. Nadbystrzycka 38, 20-618 Lublin
tel. (+48) 81 538 46 73
www.wpt.pollub.pl
e-mail: wpt.sekretariat@pollub.pl

**Faculty of
Management**

Wydział Zarządzania
ul. Nadbystrzycka 38, 20-618 Lublin
tel. (+48) 81 538 44 63
www.wz.pollub.pl
e-mail: wz.sekretariat@pollub.pl



Contents Based on information provided by LUT units

Translation Renata Fic, MA

© Copyright Politechnika Lubelska
ISBN 978-83-63569-39-6

Photographs Jakub Krzysiak
© Gennadiy Poznyakov | Fotolia.com; © olly | Fotolia.com;
© Mikael Damkier | Dreamstime.com; © Endostock | Dreamstime.com

Cover design and typesetting Amadeusz Targoński | www.targonski.pl

Proofreading Paweł Chrapowicki, MA; Tomasz Kuraś, MA

Printing Petit | www.petit.lublin.pl