

Lublin University of Technology



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University – Yesterday and Nowadays

History


Lublin University of Technology was established as Evening Engineering School in May 1953 on initiative of Lublin technical societies. History of the University embraces dynamic development of the scientific personnel, increase of students' population, as well as business premises problems.

In the beginning, neighbouring schools, institutions and plants were very hospitable and let the LUT needed premises. In 1959 LUT's business premises problems were solved when its location was officially regulated and established by Nadbystrzycka Street.

Faculty of Mechanical Engineering commenced the operation of the University. In 1953/54, 109 students began to study at the LUT.

The necessity of further development of the University was the base for education of highly qualified engineering personnel within Lubelskie province and the creation of valuable Technical Institution.


In 1963/64 Electrical Engineering Faculty was established and in 1964 specialisation of Industry Electrical Engineering was added to it. Next year, the Faculty of Building Engineering began to function; in 1989 it was transformed into the Faculty of Civil and Sanitary Engineering and



since July 2009 the name Building and Architecture Faculty has been used.

The Evening Engineering School was altered into the High Engineering School on the 28th April 1965. High Engineering School conducted full, evening and part time study courses and was headed by Rector prof. Stanislaw PODKOWA. In 1973 the School obtained the right to the Master full time study course.

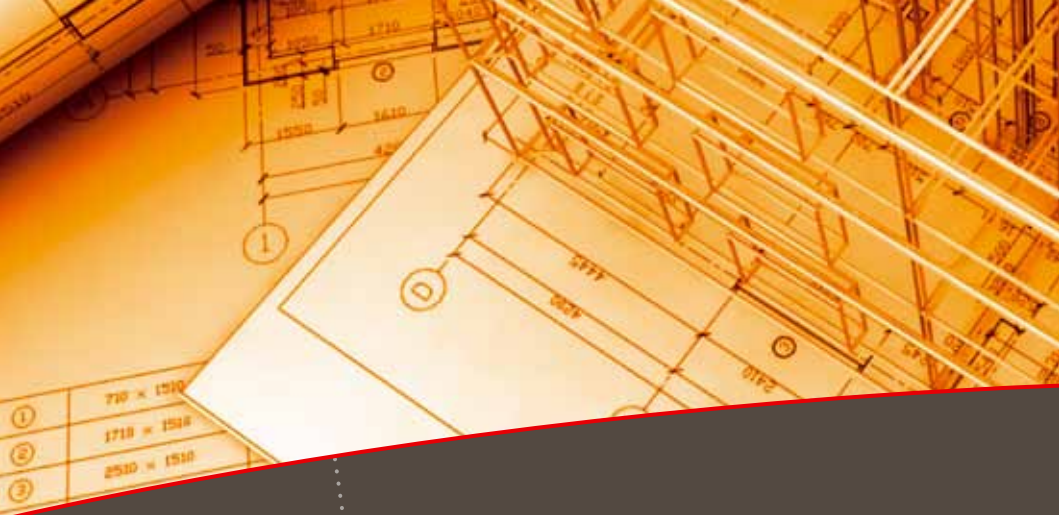
And finally, celebrated moment for the University was appointed for the 1st August 1977 when the Lublin University of Technology was brought into being. The complementation of the LUT's origin was accented with the establishment of the Management and Fundamentals of Technology Faculty in 1988. On 28th December 2007 the Faculty was altered into the Faculty of Management. Moreover, on 28th of December 2004 the Minister of National Education and Sport published formal Regulation No. 34, to establish the fifth Faculty of the Lublin University of Technology – Environmental Engineering. On the 28th December 2007, the University was broadened with the Faculty of Fundamentals of Technology. Therefore, Lublin University of Technology has been fundamentally bound with Lublin city and Lubelskie province



for almost 60 years. The University represents educational centre and technical counsel within the Region. As a result, the importance of the LUT is systematically increasing. Through active participation in social and economic life, integration and culture creation, the University plays an integrative and cultural role in society. Through its scientific and research work, it contributes to development of the Region.

Lublin's significance within United Europe shall depend on production competitiveness and the specialized services offered. Mission of the University is directed on the immediate help around mentioned fields.

Forum-Politechnika Club (LUT organisational body) presides widespread performance of the integration of scientific, economic and culture society of the Lublin province. The Mission fulfilment results in organizing periodical meetings of remarkable business people, scientists, politicians and the culture and art personage.



Faculties

At present, there are six Faculties of the Lublin University of Technology:

- Mechanical Engineering
- Electrical Engineering and Computer Science
- Building and Architecture
- Environmental Engineering
- Management
- Fundamentals of Technology

Interfaculty Units

and interfaculty units such as:

- LUT's Library
- Information Technology Centre
- Centre for Innovation and Advanced Technologies
- Lublin Centre for Technology Transfer
- Lublin Entrepreneurship Incubator
- Development and Cooperation Office
- Foreign Languages Department
- Physical Education and Sport Department.

The Museum

The Museum of the Lublin University of Technology was brought into existence in December 2007. It conducts the scientific and didactic service within the accumulation and diffusion of museum technical, educational and scientific collection connected with the University.



Staff Lublin University of Technology employs over 1.100 staff members, among them over 550 academic teachers. Staff members are appointed as specific experts for the authority levels, boards and public opinion bodies.

Honoris Causa Moreover, the University has honoured six doctors honoris causa to remarkable persons: prof. Michal KLEIBER, prof. Anthony MOSES (Cardiff University), prof. Tadeusz KACZOREK, prof. Henryk HAWRYLAK and prof. Stanislaw KOCANDA, prof. Ryszard TADEUSIEWICZ and prof. Wojciech MITKOWSKI.

The European Union The European Union membership enabled the University to take most of practical and economic advantages. The University implements European grants in the field of academic teachers' advancement, doctoral studies, expert trainings addressed to industry staff, the growth of research base and investment.

Development Therefore, the University development is parallel to widespread investment operations. The Didactic-Cultural Centre, which plays the role of a seat of dance groups operating in the University; place of rehearsals, training, performance, as well as meetings, was put to use. The square situated between the Faculty of Electrical Engi-



neering and Computer Sciences and the Faculty of Mechanical Engineering undergoes reconstruction works. Besides, there should be the Lublin University of Technology Park progress mentioned and the development of sport base, new parking lots and internal University roads to be shortly under construction. The University intends to modernize the square located in the heart of Student Residence Halls area.

Investments

Within Detailed Investment Plan of the Operational Programme of Eastern Poland Development 2007-2013 LUT implements 3 projects:

- Centre for Innovation and Advanced Technologies of the LUT.
- Eastern Innovation Centre of Architecture – the development and equipment of scientific and didactic complex for urban planning and architecture specialization of the LUT.

The development and modernization of Building and Architecture Faculty research and educational potential was concluded in 2010.



Studies

Students From the moment of establishment the Lublin University of Technology has registered the 100-times increase of the student's number and offered modern and very useful specializations and courses. At present, there are ca.11000 persons, where 8000 are full time students, 3000 part time students, post graduate participants and 90 PhDs. The University presents study courses within the first level (engineer and licentiate), second level (master) and third level (PhD) as well as post graduate studies.

Study Courses The University education proceeds within 16 main study courses:

- Architecture and Town Planning
- Building Engineering
- Electrical Engineering
- Technological Physics
- Computer Science
- Material Engineering
- Biomedical Engineering
- Environmental Engineering
- Mathematics
- Mechanics and Machinery Construction



- Mechatronics
- Environmental Engineering
- Technical and Computer Science Education
- Transportation
- Management
- Management and Production Engineering.

European Credit Transfer System

Above all, the University implements flexible European Credit Transfer System as an indispensable part of the international co-operation and Bologna Declaration. Such system eases the updating of programme and study course, the compatibility of scientific degrees according to the international data (2 study levels: pre-license and post-license) and the individual study process of chosen study course. Such system promotes the student and academic staff mobility, the European cooperation within the quality of higher education, the European range of higher education (professional scope, integrated study courses, trainings and research).

Post Degree Study Courses

The University also offers different study structure – post degree study courses and additional course for High School students and industry employees, who are willing to continue their vocational education.



PhD There is also PhD study course provided in two different modules:

- Mechanics and Machinery Construction (4-year full time)
- Electrical Engineering (4-year full time).

Scientific Degrees of Doctor (DSc.)

Faculties Board of Deans (3 faculties) are entitled to honour scientific degrees of doctor (DSc.) (technical sciences), modules:

- Construction and Operating the Machinery,
- Building Engineering,
- Electrical Engineering,
- Environmental Engineering
- Mechanics.

Scientific Degree of Ph.D.

Mechanical Engineering and Electrical Engineering and Computer Science Faculty Boards may honour the scientific degree of Ph.D., modules:

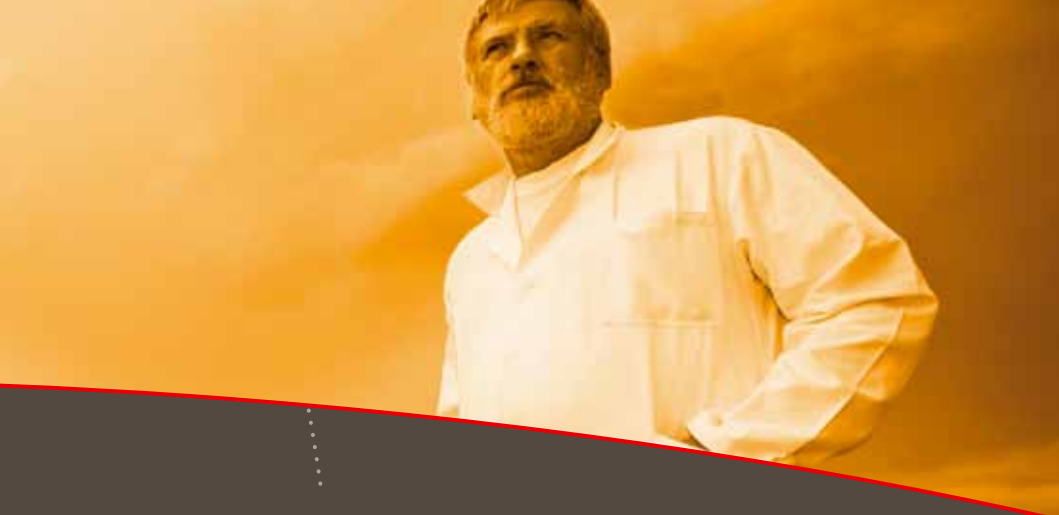
- Construction and Operating Machinery
- Electrical Engineering.

Lublin University of Technology co-operates actively around the Region site with the vocational schools in Biała Podlaska, Chełm, Jarosław, College of Enterprise and Administration in Lublin, College of Economy and Innovation in Lublin, College of Social and Nature in Lublin,



College of Finance and Management in Siedlce, College of Business and Government in Łuków and Higher Economic School in Przemyśl. The collaboration of many technical schools highlights the central role of the Lublin University of Technology. Graduate engineers may continue the educational process at the LUT at the second level of study.

Boundless contacts with manufacturing industry bodies of Lublin province make possible future employment for the LUT's graduates.



Scientific Research

The structure and management of scientific research system is carried out at the Lublin University of Technology and reflects rational effects objectively measured in the number of granted scientific degrees and titles, number and standard of publications, number of quotations, patents and implementations received.

Unit of the Scientific Research

The fundamental unit of the scientific research activity is an Institute, chair or appointed scientific team. The research course and the scope of activity is based on the Institute scientific specialization and directed on the technical and scientific development of the University personnel. In addition, it may contribute to the establishment of modern specializations and scientific schools and as well be the financial source of the Institution.

Segmentation of Research Activity

With reference to the present system of education financing, research activity are segmented according to the financial source:

- Research activities resulted from the educational statutory functioning,



- Property research conformed to the development and improvement of didactic personnel through the “Internal grants),
- Individual and Team research projects (Ministry of Science and Higher Education),
- Target scientific projects (Ministry of Science and Higher Education),
- Development research projects (Ministry of Science and Higher Education),
- Ordered scientific projects (Ministry of Science and Higher Education),
- International scientific project within 5 Framework Programme, 6 FP and 7 FP of the UE,
- Specific programmes and scientific devices
- Scientific research conducted together with foreign research Institutions and based on the International Education Programmes,
- Research scientific activities and services made to the direct orders of the manufacturing subjects.

What's more, Centre of Excellence for the Applications of Superconducting and Plasma Technologies in power engineering (ASPPECT) operating within the Institute of Electrical Engineering and Electro technologies of the



LUT establishes permanent and international scientific
LUT's position and consolidates firm industrial partner.

Consortia

The Lublin University of Technology is a partner in consortia such as: "AIR VALLEY", "TIFORA", ECOCOMPLEX, KGHM Polish Copper SA. Managing high – levelled scientific research requires suitable laboratory sites and the library. Very specific and important scientific research activities are carried out with help of unique equipment for the University units.

International Cooperation

International scientific cooperation within the European Union is based mainly on active participation in the 7th Framework Programme.

Cooperation in the field of education, between the University and its partners in the group of EU members, EFTA Member States and Turkey, is established mainly on the assumptions of LLP-Erasmus Programme – crucial to the whole process. LLP Erasmus enables students to complete one or two semesters of their studies abroad, or take part in an internship in a partner, foreign company. Within the Programme, academic staff may visit partner Universities in order to deliver lectures there, whereas administrative staff may participate in short trainings. Moreover, Lublin University of Technology hosts every year a group of foreign students from several European countries.



International cooperation outside the European Union runs in compliance with provisions of Bilateral Agreements signed between Lublin University of Technology and scientific units from Ukraine, Russia, Belarus, Uzbekistan, San Marino, Switzerland, Japan, Australia, China, India, Israel and the USA.



Interfaculty Units

The Library

The main aim of the Library is to support efficiently the process of studying, scientific research and professional undertakings for which technical literature is necessary. This is why the Library offers numerous academic textbooks, monographs and reference sources in science and engineering. The collection of the Library covers Polish current technical literature, as well as foreign literature of great variety. The Library owns over 145 000 books. There are also 40 international and more than 300 Polish printed scholarly and professional journals subscribed to. Practitioners should be mainly interested in collections of standards, patents and building approbations. The full collection of Polska Norma (Polish Standards) is unique in the region of South-East Poland. All the items are easily accessed during convenient opening hours in Faculty Libraries at each faculty and in central service points: General Technology Reading Room, Reference Centre, Centre for Patent and Normalization Information. All these points are located on the scenic Nadbystrzycka campus.



Users of the Library use electronic sources of information to a great extent. Information about the whole collection of books and magazines is available through electronic catalogue, which enables, at the same time, electronic order placement. From on-campus computers one can access basic full text journal databases like ScienceDirect, EBSCOhost and Emerald as well as bibliographies: BAZTECH (Polish engineering journals contents) and ISI Web of Knowledge. The number of electronic databases is constantly rising. E-books of IBUK and publishers Elsevier and Springer fall into a new offer for the users of the Library. LUT's own database products are NORMY (Polish standards database) and InfonaNET – A to Z journal title list. InfonaNET allows immediate access to full texts of chosen articles from all the electronic journals the Library subscribes to, and from the selected open access journals as well. The Library provides training in the use of the above mentioned, big choice of tools.



Digital Library

Digital Library of the LUT is being under construction. Its main purpose is creation of online access to educational and scientific resources of the University, as well as to documents closely related to the history of the LUT and technology of the region.



VTLS NUKAT

The Library started to automate in early nineties' by joining several major research libraries of Poland and implementing system known widely on the market as VTLS. We made use of standards and procedures established by some strongest libraries in the world. Our online catalogue, which covers all the book and journal collections, belongs to Lublin Research Libraries' Joint Catalogue along with those of Maria Curie-Skłodowska University, The John Paul II Catholic University of Lublin, University of Natural Sciences in Lublin, and Hieronim Lopacinski Provincial Public Library of Lublin. We also are a member of the National Universal Central Catalogue NUKAT, which contributes all records to WorldCat (OCLC PICA).



KABA

We use KABA subject headings, created by Polish libraries in NUKAT. The ordering device for shelf-arrangement of books on stacks of the Reading Room and Faculty Libraries is Universal Decimal Classification.

The Library is of public character, therefore all users are entitled to its resources. 80.000 books and 20.000 magazines is borrowed annually. The library serves 8 000 users yearly.



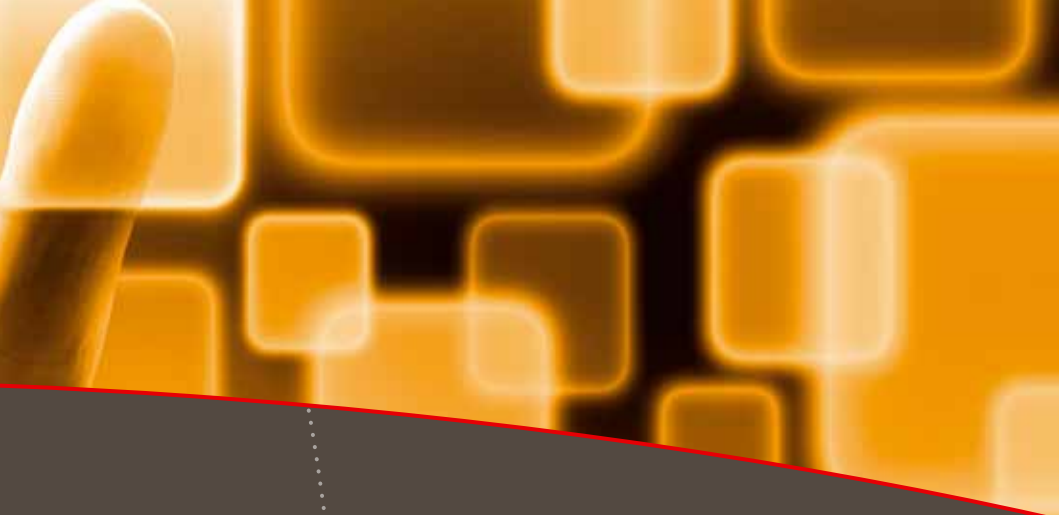
Information Technology Centre

The Information Technology Centre of the Lublin University of Technology was formed to design, develop and operate the information technology infrastructure necessary to support the university authorities and academic community in their administrative, learning, teaching and research endeavours.

The specific objectives of the Centre are as follow:

- maintenance and development of skeletal infrastructure of LAN network (to active devices at the entrance to Faculties), keeping at the same time compatibility with Faculty structures;
- coordination of implementation of a unified wireless system of the Internet access within the LUT campus;
- maintenance and adaptation of the network in the Central Administration seat and Physical Education and Sport Department building (out of Faculties);
- administration of LUT's server – pollub.pl
- administration of IP numbers of particular university units;
- coordination of licence purchase of specialist software, which may serve in more than one unit, especially database security software;

- implementation of data and IT system security policy and its consultation with users (operational systems, databases);
- provision of training in the scope of IT tools use and data security to the University staff,;
- update of software licences' database, as well as declarations about installed software of LUT's computer users.



Centre for Innovation and Advanced Technologies

CIAT was established to strengthen and improve functioning of the LUT within the sphere of promotion of new technologies, the implementation of scientific results and better utilization of intellectual and technological University potential. The Centre is also bound to coordinate the investment tasks of the Institution.



Lublin Centre for Technology Transfer

Lublin Centre for Technology Transfer has been established to disseminate knowledge and promote of technology and organizational works formed at the University. LCTT areas of operation include:

- render of information of consulting and training services in the area of technology transfer, technology, management and the production control;
- initiation and development direct collaboration between the University and industry in the field of technology, organization, management and the production control;
- monitoring and evaluation of the technological potential and the innovative industry needs.



Lublin Entrepreneurship Incubator

Areas of operation of LEI:

- assistance of students, PhDs, graduates and young researchers of the University and other University's enterprises;
- dissemination of academic enterprise ideas;
- help of practical use of scientific potential into practice.




Office for Development and Cooperation


Office for Development and Cooperation (BRiK) was established on November 26th, 2009. BRiK aims at helping other units of LUT in looking for external funding and at collaborating with the business and other potential partners of the University. Office for Development and Cooperation, as the name itself suggests, has been formed to foster – through its activities and projects – development of the University and improve cooperation between LUT and other entities. In particular, the tasks of the Office include collecting information on European funding programs and agencies and keeping other units of LUT up to date with funding opportunities. BRiK also organizes trainings and workshops on application procedures and EU project implementation, as well as offers assistance in preparing applications and project management. The Office documents participation of LUT in the EU-funded programs and monitors the implementation of projects at LUT. Another area of the Office for Development and Cooperation is cooperating with partner institutions and seeking further partners to carry out joint ventures. This task also includes collaboration with the business in joint projects, managing the University offers for business and networking with local government units in the Lublin Region.

Foreign Languages Department

The Department of Foreign Languages employs nearly 30 lecturers of English, French, German and Russian. Students not only learn a foreign language but they also acquire cultural background where a given language is used. At present the main emphasis in teaching foreign languages is put on the language of business. Every year the Department organizes exams for students who want to participate in IAESTE training as well as for doctoral candidates. The Department also holds the prestigious certificate granting the rights to organize business exams in English on five levels – LCCL (London Chamber of Commerce and Industry). The purpose of the courses is not only to equip the participants with fluency in a foreign language but also to develop different skills needed to solve problems in the world of business or co-operation with foreign partners. Thus, the aim of the courses is to master the language of business with its basic language competence i.e. listening comprehension, speaking, writing and reading comprehension of specialist literature.



The Department of Foreign Languages guides also the course and examination process of TOEFL (Test of English as a Foreign Language) and TOEIC (Test of English for International Communication) in English. Since 2009, TOEIC Speaking and Writing can be taken on-line.



Physical Education and Sport Department

Physical Education and Sport Department is an interfaculty unit taking care of the physical education at the university. Main functions of the department are: the organization of a didactic process for students within physical education and carrying on the facultative physical education classes for all interested students. The LUT students are obliged with physical education up to 3 or 8 semesters during their studies depending on the Faculty. The classes take place in a sport hall, a small gym halls, and rented swimming pools. Physical Education and Sport Department cooperates well with the LUT Academic Sport Society (AZS). AZS organizes sport classes in 28 different sport sections for all the interested students willing to develop their sport hobbies.

Apart from numerous sport successes, the main contribution of the Physical Education and Sport Department was to bring thousands of young people into contact with a variety of physical activity forms. A large number of them became sport hotheads and they handed down their passion to their children.



Student Life

The number and artistic level (often professional) of the LUT students' music, dance and theatre groups is quite phenomenal among other technical universities.

Scientific Research Groups

At present there are more than 40 scientific research groups. Their goals are to conduct scientific research, to exchange experience and improve the level of students' knowledge.

The Students' Council

The Students' Council is built of all of the LUT's students and through their representatives the Students' Council takes part in many decisions about the universities' affairs. The students' environment development and protection of its rights are activities of the Students' Council. On its initiative the greatest events of students' integration are organised such as: welcome parties, St. Andrew's Day, Days of Students' Culture, etc.

Hobbies and Interests

Students can realise their hobbies and interests participating in several artistic groups such as Dance Group "Gamza", Modern Dance Group, Folk Dance Group, Academic Choir and other different music groups. Those



groups act in aid of the university, city and region adding splendour to important cultural events. They also represent the LUT abroad.

"Plagiat" Magazine

"Plagiat" is a magazine, edited by students in the University. The magazine is where students share their hobbies, successes and opinions. Moreover, it provides their community with important and interesting information.

The Student Culture Initiative StuArt

The Student Culture Initiative StuArt functions satisfactorily and with a great success in the areas of culture dissemination among students. This association also helps artists to organize concerts, expositions, exhibitions and artists' meetings (evenings).

Academic Sport Society

Academic Sport Society (AZS) is also an important element of the LUT's activities. In 28 different sport sections there are 850 members. Scuba Diving Club "Paskuda", Kick-Boxing Club, Yacht Club, Seans-Haczyk Club and Historical Fencing are also very popular place of students' integration.



**Student
Photo Society**

Student Photo Society organizes competitions of photographic open air sessions and a variety of trainings. Members of SPS are prized with prestigious awards while national photographic contests.

**The Student
Career Service**

The Student Career Service is at all students disposal, it offers a free assistance to the students and graduates of our university with the choice of their professional career, it offers professional counselling, it collects job offers, information about employers and situation on the job market.



Social Care and Accomodation

Financial help for full-time students is assigned according to regulations which indicate circumstances, kinds, assignment and payment conditions of these financial help scholarships. Students are allowed to apply for different kinds of financial help.

Lublin University of Technology offers 1200 accommodation places in 4 Student Residence Halls. The accommodation cost is fully covered by students.



LUT's Graduates

Graduates Over the past 50 years over 30000 graduates left the University. At present, they work on different prominent posts, very often responsible ones not only within Lublin region but also in Poland so as abroad.

The Friends of the Evening Engineering School Society

Almae Matris alumni are in constant touch with their university. The Friends of the Evening Engineering School Society was established in 1961. It supported the university financially (purchase of the book collection for the library, apparatus, machines and primary lab equipment) and organizationally. The Graduates and Friends of the LUT Society was reactivated in 2001 and has recalled previous Society establishments.

The society's aims are:

- promotion of the LUT tradition and popularisation of its activity and achievements among local, national and foreign society,
- bringing help to the LUT in development of its financial base and wide assistance with all other crucial matters of development,
- bringing help to the students and financial assistance within scientific, cultural and sport activities,



- consolidation and development of the relationship between graduates, friends of the LUT and the university.

The society realizes mentioned targets through co-operation in organizing scientific conferences, symposia, seminars, other scientific ventures, the LUT's graduates conventions, didactic scientific and research programmes financing and creating scholarship funds.



Contact

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ISBN 978-83-62596-29-4

Graphic design and typesetting

Amadeusz Targoński
www.targonski.pl

Print and binding

Petit
www.petit.lublin.pl

Picture credits:

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