



Universitatea
Politehnica
Timișoara

2020

PRIMUL VEAC DE ÎNVĂȚĂMÂNT
UNIVERSITAR ÎN TIMIȘOARA



Politehnica University Timișoara

www.upt.ro







Assoc. Prof. Florin Drăgan, PhD, Rector of Politehnica University Timișoara

Politehnica of the new century

If worldwide 2020 was a year of crossroads, which made us rethink the future, it was one of the greatest achievements for Politehnica University Timișoara. We started it with the celebration of the Year of Politehnica in Timișoara, declared as such by the Local Council to mark the role played by the first higher education institution in the west of the country in the development of the city. We also set off with a new management team and finished with the anniversary of the Centenary of our University.

Even if, in this context, it is not easy for us, I am confident that our ambitions regarding the evolution of Politehnica remain unchanged. We strive to consolidate this academic edifice that was the basis of the modern construction of Timișoara, redefine the university community's involvement in the life of the Citadel, and resume its guiding role for so many generations of students; by opening their horizon to the challenges of the future.

We want to generate even more skills in the field of technology, be fully involved in developing the entrepreneurial spirit of our students and influence greatly regional economic growth. We set to become a real hub to connect the expansion of companies in the region with university research and the career plans of those who choose to attend our university courses. To fulfil this ambitious goal, we continue to rely on the partnership with the socio-economic environment, established by the University Steering Committee, by involving it in the development of research and university curriculum. It remains part of our goal to transform the university processes with the help of entrepreneurs, private influencers, university graduates, or collaborators in research and development projects in which Politehnica is involved.

We are on a path where the dynamics of change are completely different, creativity and innovation in education and technology occupy a central place, the multidisciplinary approach becomes, thus, an obligation of any institution that wants to produce education at a substantial level. We have the advantage that engineering is the basis of most professions. We are not talking about the future, but about the fact that this reality is already present and confirmed. We have an excellent position, which in time will establish the university as a foundation for the development of collaborative spaces, in which technologies are the basis of scientific research not only in the case of exact sciences. In this context, in addition to the partnership already established with the leading technical universities in Romania within ARUT (Romanian Alliance of Technical Universities), we aim to bring the academic space in the region closer, through a tight collaboration primarily with other universities in Timișoara. This collaboration will grow out of the good relations between teachers, groups, or even faculties and will rely on an institutional framework that facilitates the development of critical socio-economic projects or generates joint plans at national level.

We want to make profound changes in the university administration, by importing models from the private area, focusing on the digitalization of all the administrative processes of the university and exchanging information based on modern data structures or software applications with cloud storage. By this, we aim to ensure decision-making decentralization at certain organizational levels of the university and increase transparency in the development of financial policies. We are concerned with improving communication between the university's various administrative structures and promoting open relations that encourage rapid problem resolution.

We embark on this journey with a management team dedicated to the mentioned objectives. The group consists of colleagues promoting what the spirit of Politehnica means, wholly committed to achieving these goals, being representatives of all members of the university community. I believe that our success is not related to single persons and their ambitions, but to a Team that can build an ensemble and develop policies with a significant positive impact on the development of the university in the new Centenary opening before us, in tune with the history of the first century of our university's existence.

The year 2021 is a new anniversary year for our university. This time, we will celebrate sports, one of the activities that defined the image of Politehnica Timișoara. Sports have been an essential component of the training of university students since its inception. The institution is still the only one in the country where the discipline is mandatory, considering that it is an integral part of the educational process and must remain a defining activity of UPT. In fact, in his memoirs, rector Victor Vâlcovici said, "Team spirit and friendship, which are created through sports, go hand in hand with soul training and physical strengthening." For the sport at Politehnica Timișoara, 2021 is a landmark year, marking 100 years since the establishment, on December 4, 1921, of the Politehnica Timișoara Sports Society, which has become a symbol of the city over the years.

Recently, our sports club has re-entered the Politehnica family, which enabled us to celebrate the Centenary properly. We want to develop new individual and team sports, consolidate Politehnica's brand also in this field and rebuild now, at the beginning of the new century, the magical moments of Politehnica in sports, as well.

We are ready for the challenges ahead. Beyond all shortcomings, I am convinced that we will become a community with strong ties. We can look back with pride at all that our forefathers have accomplished. We should pay homage to them, strive to rise to the demands of today's world, and carry on the tradition and fame of our School, contributing, thus, to the Politehnica of the new century.

*Assoc. Prof. Florin Drăgan,
PhD, Rector of Politehnica
University Timișoara*

Contents

5	International Affiliations
6	High Academic Distinctions
7	Research Centres
8	Department for International Relations
9	Incoming Students - Useful Information
10	Why study at Politehnica University Timișoara?
12	Faculty of Architecture and Urban Planning
14	Faculty of Automation and Computer Engineering
16	Faculty of Chemistry and Environmental Engineering
18	Faculty of Civil Engineering
20	Faculty of Communication Sciences
22	Faculty of Electrical and Power Engineering
24	Faculty of Electronics, Telecommunications and Information Technologies
26	Faculty of Engineering in Hunedoara
28	Faculty of Management in Production and Transportation
30	Faculty of Mechanical Engineering
32	The Centre for Lifelong Learning
33	Centre for e-Learning
34	Student Organizations
35	Centre for Counseling and Career Guidance
36	UPT Library
38	Sport Facilities
39	Student Campus
40	Politehnica Publishing House. Politehnica Printing House
41	ExperimentariumTM
42	Romanian Alliance of Technical Universities (ARUT)
43	Teleuniversitatea Timișoara (TeleU)
44	UPT Campus Locations



International Affiliations

AUDEM – Alliance of Universities for Democracy
AUPELF – Association des Universités Partiellement ou Entièrement de Langue Française
EADTU – European Association of Distance Teaching Universities
EAIE – European Association for International Education
IADIS – International Association for Development of the Information Society
EUA – European Universities Association
AUF – Agence Universitaire de la Francophonie
IEEE – Institute of Electrical and Electronic Engineers, USA
EDEN – European Distance and e-Learning Network
IASTED – International Association of Science and Technology Engineers for Development, USA
EuroPACE – European Portal for Advanced Collaboration in e-Learning
EATA – European Association for Telematics Applications
BEEnA – Balkan Environmental Association
IABSE – International Association of Bridge and Structural Engineering, Switzerland

FIB – Federation Internationale du Beton, Switzerland
ISE – Institute of Structural Engineering, Great Britain
IAHR – International Association of Hydraulic Engineering and Research
ASHRAE – American Society of Heating, Refrigerating and Air Conditioning Engineers, USA
ISIAQC – International Society of Indoor Air Quality and Climate
EAAE – European Association for Architectural Education
EFMI – European Federation of Medical Informatics
IAH – International Association for Hydraulic Research
ISBEM – International Society for Boundary Element Methods
TECHWARE – Technology for Water Resources
EWRA – European Water Resources Association
ASAE – American Society of Agricultural Engineers
ISL – International Society of Lyophilization

E³UDRES²

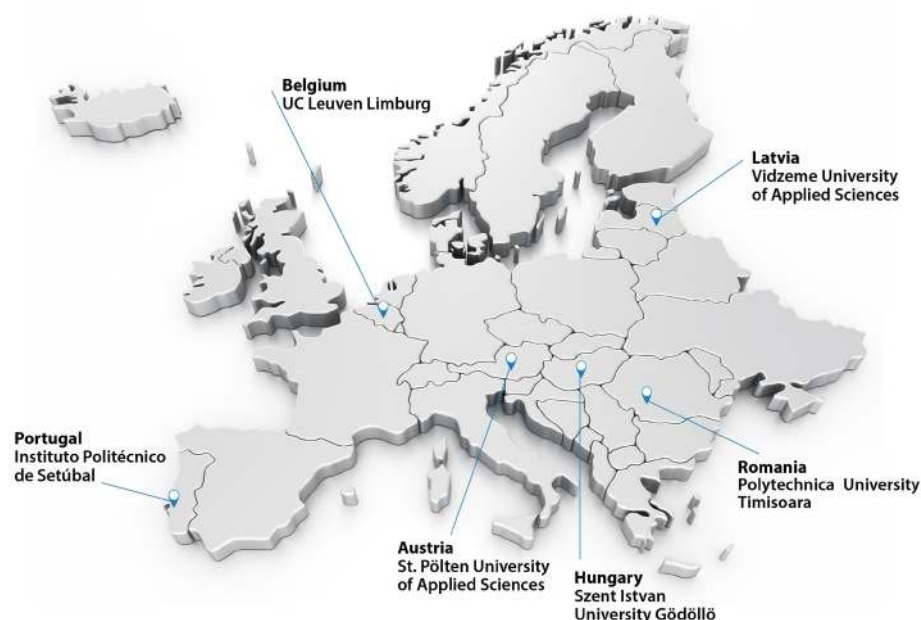
EUROPEAN UNIVERSITIES – E³UDRES² – Engaged and Entrepreneurial European University as Driver for European Smart and Sustainable Regions

E³UDRES² promotes the development of small and medium-sized cities and their rural environments into smart and sustainable regions and shapes a prosperous future with the best possible quality of life for a self-determined people in a progressive European society. The Alliance assembles four universities of applied sciences, one polytechnic university and one university of agricultural sciences, life sciences and veterinary medicine. In addition to structural and geographical criteria, E³UDRES² members were selected due to their common vision of creating smart and sustainable regions.

E³UDRES² pursues the following strategic goals:

- Provide Challenge-Based Education, Mission-Oriented Research, Human-Centred Innovation, Open and Engaged Knowledge Exchange
- Build on in-depth scientific expertise and cross-disciplinary applied skills
- Shift to a European multi-university campus
- Empower, support and challenge creative talents for future work
- Act as an inclusive platform for collaborative open innovation
- Think and learn entrepreneurial
- Engage and interact with your communities

www.eudres.eu



High Academic Distinctions

Politehnica University Timișoara has several honorary members that add to its institutional prestige. Our institution can award three types of high academic distinctions to people who have brought their contribution to the development of UPT: Professor Emeritus, Honorary Professor, and, the highest of them all, Doctor Honoris Causa.

Over the past few years, UPT has awarded more than 50 **Professor Emeritus** distinctions to the retired professors who devoted their entire careers to sharing their knowledge and academic passion with students, having a pivotal role in their professional paths on the way to becoming the most remarkable engineers, capable of progress and innovation.

The **Honorary Professor** distinction has been awarded to 65 professors and/or researchers, both from Romania and from abroad. The openness of UPT is reflected by the high share of foreign professors and researchers that have been awarded this title; 42 of the 51 nominees are foreigners, representing universities from all over Europe and the USA. Most of them come from Germany (17), France (7), the USA (5), but the list includes also universities from Italy, United Kingdom, the Netherlands, Portugal, Slovakia, Austria, Hungary, etc.

As far as the **Doctor Honoris Causa** is concerned, this is the highest distinction that can be awarded by an university, and we are proud to say that since 1994, UPT has awarded 55 DHC distinctions to remarkable people both from Romania and from abroad. 18 Romanians and 28 personalities with worldwide recognition have become DHC of UPT, strengthening the bound between our institution and universities and research centres from Germany, France, Hungary, Italy, Japan, Belgium and many others.

Research Centres

Most of the research activity carried out by our institution is done within the 26 research centres hosted by the university. Politecnica's reputation as an institution of advanced research is emphasized by the diversity of the research fields in which these research centres operate.

- Research Centre for Advanced Study Methods for Physical Phenomena;
- [Research Centre for Automatic Systems Engineering;](#)
- Research Centre for Building Services;
- [Research Centre for Complex Fluid Systems Engineering;](#)
- Research Centre for Computers and Information Technology;
- [Research Centre for Infrastructures for Constructions and Transportation;](#)
- Research Centre for Engineering and Management;
- [Research Centre for Environmental Science and Engineering;](#)
- Research Centre for Hydrotechnical Engineering and Environmental Protection;
- [Research Centre for Inorganic Materials and Alternative Energies;](#)
- Research Centre for Integrated Engineering;
- [Research Centre for Intelligent Electronic Systems;](#)
- Research Centre for Intelligent Signal Processing;
- [Research Centre for Mechanics of Materials and Structural Safety;](#)
- Research Centre for Mechatronics and Robotics;
- [Research Centre for Medical Engineering;](#)
- Multimedia Research Centre;
- [Research Centre for Organic, Macromolecular and Natural Compounds' Chemistry and Engineering;](#)
- Research Centre for Power Systems Analysis and Optimization;
- [Research Centre for Processing and Characterization of Advanced Materials;](#)
- Research Centre for Rehabilitation of Constructions;
- [Research Centre for Smart Energy Conversion and Storage;](#)
- Centre for Teacher Training;
- [Research Centre for Thermal Machines and Equipments, Transportation and Environmental Pollution Control;](#)
- Research Centre for Urban Planning;
- [Research Institute for Renewable Energy.](#)

Department for International Relations

Internationalisation is a challenge, an opportunity, and an essential condition for the development of the University.

Politehnica University Timișoara has over 400 bilateral Erasmus+ agreements and more than 100 framework cooperation agreements with universities from all over Europe, but also from Asia, North and South America. Every year, more than 100 students take part in a study or traineeship programme abroad, while over 100 students from partner institutions come to study or do a traineeship under the supervision of an UPT coordinator.

Specific activities of the department include:

- Managing the framework agreements with universities, institutes and companies from abroad;
- Monitoring European projects in education, training and culture (Culture, Youth in Action, CEEPUS, etc);
- Stimulating and monitoring the university participation in international academic networks;
- Coordinating students and staff mobility, informing the academic community regarding outgoing mobility opportunities;
- Advising and monitoring outgoing students and staff;
- Offering support and monitoring incoming students and staff;
- Monitoring and counselling foreign students applying for full-degree programs, providing information for foreign candidates interested to study or teach in the university;
- Disseminating various types of scholarships for studies or traineeships abroad and administrative support for the candidates who wish to apply for these offers;
- Preparing the necessary mobility documents for all the members of the academic community travelling abroad on behalf of the university for scientific, educational or cooperation purposes;
- Organizing visits at UPT for representatives of foreign institutions of higher education;
- Cooperating with embassies, consulates and foreign lectureship represented in Romania;
- Cooperating with similar departments at municipal and county level;
- Organizing the university's participation at fairs, forums and workshops of education;
- Promoting the international image of the university;
- Monitoring the international affiliations of the university.

Department for International Relations
Timișoara, Piața Victoriei, Nr. 2,
1st floor, office 107
Tel. +40 256 40 30 34, Fax +40 256 40 30 33
www.upt.ro/international



Incoming Students Useful Information

REASONS TO CHOOSE UPT

- Excellent infrastructure for teaching and research;
- Wide choice of study programmes offering high-quality internationally recognised degrees;
- High employability of graduates;
- Free access to all the facilities of the university, academic mentoring and career counselling;
- Centrally located campus with student residences, cafeterias and sports centres.

SPORTS, ACADEMIC AND SOCIAL LIFE

All incoming students have access free of charge to the sport facilities in the same conditions as regular UPT students. The university has 2 sports complexes: Sport Complex 1 (fitness hall, football field, running track, covered mini-football fields) and Sport Complex 2 (indoor and outdoor swimming pools with sauna and fitness equipment; basketball and volleyball courts; football fields; bitumen and tartan tennis fields; multipurpose buildings).

The UPT Library is one of the most modern libraries in Central and Eastern Europe. The building was inaugurated in November 2014. It offers access to the documentary resources and modern services needed for education and research. Access to the library will be offered only after registration.

All incoming students can benefit from the buddy programme. The exchange students who submit the buddy request form will be put in contact with a local student to guide them around the city and campus, as well as to answer any questions they might have. Most local students who participate in this programme are former Erasmus students.

*Why study at **Politehnica University Timișoara**?*

According to tradition, the mission of Politehnica University Timișoara resides in meeting the competence requirements of the societal environment by providing superior training at undergraduate, graduate, and postgraduate levels. Bearing fundamental values, the university mission reflects at the same time concern for the future of society, by tracing its development at local, regional, national, and international levels.



Established in 1920, shortly after the unification of Romania, by Royal Decree of King Ferdinand I, the Polytechnical Institute was immediately able to respond to the need for technical and scientific expertise in the aftermath of the First World War.

Politehnica University Timișoara (UPT) is one of the **biggest and most well known technical universities from Central and Eastern Europe**. Over its 100 years of existence, the university has built a well deserved reputation for excellence based on the academic and research programs, the support given to students and the engagement in the socio-economic life of the region.

Politehnica University Timișoara enjoys a **wide recognition**, both at national and international levels. In 2009, UPT was awarded a certificate of high-confidence rating by the Romanian Agency for Quality Assurance in Higher Education. In 2011, Politehnica University Timișoara was classified as an institution for Higher Education and Advanced Scientific Research by the Romanian Ministry of Education, thus becoming the only

university in Western Romania categorized among the best 12 universities in our country. Moreover, the international evaluation carried out by the European University Association (EUA) concluded that “Politehnica University Timișoara is a high-performance university which enjoys a distinguished reputation within the surrounding society”.

Proof of the university's engagement in the socio-economic life of the region are its numerous collaborations with the business industry, as well as the creation of a special Advisory Committee made up of prestigious personalities from the economic, cultural and academic environments.

The infrastructure of the university is impressive through its dimensions, complexity and its up-to-date services. Therefore, students and employees can enjoy accommodation (hostels and hotels), canteens, sport facilities (swimming pools, football and tennis courts, gym, etc.), a publishing house and a printing centre, technical and administrative services (e-learning centre, private television, etc.), as well as a student medical centre.



Faculty of Architecture and Urban Planning



The Faculty of Architecture and Urban Planning is one of the youngest faculties of the Politehnica University Timișoara and has known a continuous development in the last 50 years, both concerning the educational offer but also the number of students and teaching staff members. It responds to the high demand of specialists on the job market, offering an interdisciplinary educational environment focused on contemporary trends and the changing expectations of the profession.

2 Bachelor programmes

4 Master programmes

PhD programmes

Faculty of Architecture and Urban Planning
Timișoara, str. Traian Lalescu nr. 2/A
Tel. +40 256 40 40 21, Fax +40 256 40 40 20
Email: arh@upt.ro
www.arh.upt.ro





Study programs

Bachelor studies

Bachelor specialisations:

Architecture (integrated bachelor and master degree – 6 years);
Furniture and Interior Design (3 years).

Master studies

Master specialisations:

Complex Building Design;
Heritage Restoration and Regeneration;
Urban Planning and Landscape Design;
Trends, Materials and New Technologies in Interior Architecture.

PhD studies

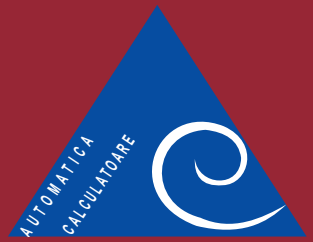
PhD studies in the following research fields:

History and theory of architecture;
Architectural design;
Sustainable architecture;
Heritage restoration and protection;
Interior architecture and furniture design;
Image and representation studies;
Aesthetical structures and anti-seismic architecture.

Cooperation

The Faculty of Architecture and Urban Planning cooperates with several institutions, like the Order of Architects from Romania – Timișoara territorial branch, companies like BAUMIT, KERAKOLL Romania, MAPEI, YTONG XELLA Romania, several city halls including Timișoara City Hall but also different architecture design studios like Andreescu & Gaivoronschi, Archistress studios TM, Artplan, Atelier CAAD, ADMO STUDIO, Birou Arhitectura Adam, D PROIECT, Procad, RD Sign, RENDERISTIC, Studio ARCA, SUBCONTROL, WH Project, demonstrating its close relations with the economic environment.

Faculty of Automation and Computer Engineering



The first computer designed and built in the Romanian academic environment, called MECIPT-1, has been produced in our faculty, in 1959. The Department of Automation and Computer Science, part of the Faculty of Electrical Engineering, became the Faculty of Automation and Computer Engineering in 1990.

4 Bachelor programmes

10 Master programmes

PhD programmes

Faculty of Automation and Computer Engineering
Timișoara, bd. Vasile Pârvan nr. 2
Tel. +40 256 40 32 11, Fax +40 256 40 32 14
Email: ac@upt.ro
www.ac.upt.ro





Study programs

Bachelor studies

Bachelor domains:

Systems Engineering;
Computers and Information Technology;
Informatics.

Bachelor specialisations:

Automation and Applied Informatics (4 years);
Computers (4 years);
Informatics (3 years);

Computers and Information Technology (in English).

Master studies

Master specialisations:

Automotive Embedded Software (AES);
Healthcare Information Systems (SIIS);
Automatic Systems Engineering (ISA);
Informatic Systems Applied in Production and Services (SIAPS);

Information and Cybernetic Systems Security (SISC);
Software Engineering (SE);
Information Technology (IT);
Informatic Technologies (TI).

Machine Learning (ML);
Cloud Computing and Internet of Things (CCIT).

PhD studies

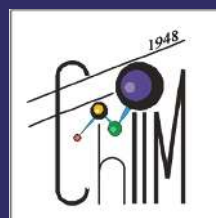
PhD domains:

Systems Engineering; Computers and Information Technology.

Cooperation

The Faculty of Automation and Computer Engineering cooperates with a large number of national and multinational companies, proving in this way the close relations with the economic environment. Starting with the third and fourth year of studies, many students do internships or are employed part-time. Representative partner companies are Atoss, Continental, Hella, Nokia, Krohne, Accenture, Honeywell, Intel, Lives International, Haufe Group, Saguaro Technology and Lasting.

Faculty of Industrial Chemistry and Environmental Engineering



Nowadays, the Faculty of Industrial Chemistry and Environmental Engineering has 533 students, 52 teaching staff members, 44 doctoral students, and 15 PhD supervisors.

8 Bachelor programmes

6 Master programmes

PhD programmes

Faculty of Industrial Chemistry and Environmental Engineering
Timișoara, bd. Vasile Pârvan nr. 6
Tel. +40 256 40 30 63, Fax +40 256 40 30 60
Email: chimie@upt.ro
www.chim.upt.ro





Study programs

Bachelor studies

Accredited programs:

Food Control and Expertise;
Organic Compounds Chemistry and Engineering,
Oil and Coal Chemistry;
Engineering and Protection of Industrial
Environment;

Engineering of Inorganic Substances and
Environmental Protection.

Programs to be authorized:

Organic Compounds Chemistry and Engineering, Oil
and Coal Chemistry (in English);
Extracts and Natural Food Additives;
Engineering and Informatics of Chemical and
Biochemical Processes;
Engineering of Inorganic Substances and
Environmental Protection.

Master studies

Environmental Engineering and Management in
Industry;
Micro and Nanomaterials;
Polygraphic Techniques;

Fine Organic Synthesis, Semi Synthetic and
Natural Products;
Food Control and Approval;
Engineering of Inorganic Compounds and
Environmental Protection.

PhD studies

PhD fields:

Chemistry; Chemical Engineering; Materials Engineering; Environmental Engineering.

Cooperation

The Faculty of Industrial Chemistry and Environmental Engineering has developed cooperation relations with several national and multinational companies and with public institutions from Western Romania.

The faculty cooperates with the following national and multinational companies: Aquatim, Azomures, Azur, Berg-Banat, Romaqua Group Borsec, C+C, Coca-Cola HBC Romania, Elba, Procter & Gamble Romania, Pro air Clean, Smithfield Prod, Ursus – SABMiller, Supremia Grup, Favisan, Guban, etc. The students have the opportunity to do internships in these companies, and some of them become successful employees.

Moreover, it collaborates with public institutions from Western Romania: City Halls, Autonomous Water and Sewerage Companies, Environmental Protection Agencies, Sanitary Veterinary and Food Safety Authorities, Consumer Protection Offices.

Faculty of Civil Engineering



The Faculty of Civil Engineering was founded in November 1941 and has continuously developed ever since. Today, the Faculty has about 1600 undergraduate students, 92 teaching staff members and 25 PhD supervisors.

11 Bachelor programmes

8 Master programmes

PhD programmes

Faculty of Civil Engineering
Timișoara, str. Traian Lalescu nr. 2
Tel. +40 256 40 40 00, Fax +40 256 40 40 10
Email: constructii@upt.ro
www.ct.upt.ro





Study programs

Bachelor studies

Bachelor domains:

Civil Engineering;
Building Services;
Geodesy.

Bachelor specialisations:

Civil Engineering (in German);
Civil Engineering (in English);
Civil, Industrial and Agricultural Constructions;
Road, Railway and Bridge Engineering;
Surveying;

Hydrotechnical Developments and Constructions;
Land Improvement and Rural Development;
Sanitary Engineering and Environment Protection;
Building Services;
Land and Cadastre Measurements;
Construction for Water Supply and Sewerage Systems.

Master studies

Master specialisations:

Construction Rehabilitation;
Advanced Design of Steel and Composite Structures (in English);
Transport Infrastructures;
Optimization of the Hydrotechnical Systems;

Sustainable Development: Energy Audits and Fire Safety of Buildings;
Optimization of the Exploitation of Sanitary Engineering and Environmental Protection;
Optimization and Modernization of Building Services;
Cadastre and the Evaluation of Immovable.

PhD studies

PhD fields:

Civil Engineering; Building Services; Geodesy.

Cooperation

The faculty has numerous partnerships with major companies and societies in the field (local and international) which, through their representatives, actively participate in defining the university curriculum. The fields of employment for the graduates of the Civil Engineering Faculty are found in the Central, Regional and Local Public Administration (ministries, county councils, prefectures, town halls, etc.), strategic state companies (AquaTim, RomGaz, Electrica, Hidroelectrica, Regional Railways, National Agency for Cadastre and Real Estate Advertising, etc), as well as public or private companies operating in the field of infrastructure and services (MaxBOGEL, Strabag, Optim Proiect, DosetImpex, Gauss, BlackLight, Prometer, etc.).

Faculty of Communication Sciences



Established in 2011, the Faculty of Communication Sciences coordinates three undergraduate study programmes: Communication and Public Relations (on site learning and distance learning) and Translation and Interpreting (in English, French and German). The Faculty of Communication Sciences also coordinates two graduate study programmes: Communication, Public Relations and Digital Media (set up in 2011) and Business Communication (set up in 2017). The study programmes have a tradition of more than twenty-five years in the university.

3 Bachelor programmes

2 Master programmes

Faculty of Communication Sciences
Timișoara, str. Traian Lalescu nr. 2A
Tel. +40 256 40 40 11, Fax +40 256 40 40 13
Email: sc@upt.ro
sc.upt.ro





Study programs

Bachelor studies

The **Communication and Public Relations** study programme has a main purpose to form specialists in the fields of communication and public relations.

The **Translation and Interpreting** study program is meant to train translators and interpreters to perform translating in such fields as: science, technology, economy, administration, law, meeting national and international market requirements.

The **Communication and Public Relations** (distance learning) study programme has been created in 2014 in order to answer the needs of those who do not have the opportunity to attend a full-time degree, but have the desire to obtain a bachelor degree in this field.

Master studies

The **Communication, Public Relations and Digital Media** study program (*associated with Electronic Engineering and Telecommunications*) was introduced in 2011, in collaboration with the Faculty of Electronics and Telecommunications. This is an interdisciplinary program which offers graduates advanced specialization in communication, public relations and digital media. It includes two sets of disciplines relating to two different areas, i.e. communication sciences and engineering sciences.

The master's degree in **Business Communication** was set up in 2018 to fulfil the requirements of the current business environment. The latest and most relevant knowledge in the fields of communication and economics as well as proficiency in the new communication technologies employed in the business environment are acquired interdisciplinarily and applied practically. Thus, the graduates will be specialised in the field of business communication, and at the same time,

master the economic vocabulary highly needed to efficiently solve real professional situations.

Cooperation

The Faculty of Communication Sciences collaborates with several public institutions, organisations, and companies with which it has agreements for carrying out specific activities such as: internships, informal educational activities, study visits, presentations, conferences, workshops, etc.

Among its partners are the following organizations: The Chamber of Commerce, Industry and Agriculture Timis, German Cultural Centre Timișoara, Art and Culture Centre French Institute of Timișoara, Intercultural Institute of Timișoara, Timișoara City Hall, Helpline and Swiss Solutions.

Faculty of Electrical and Power Engineering



The beginnings of electrotechnical higher education in Timișoara coincide with the establishment of the Polytechnic School on November 15, 1920, which began its activity with the training of engineers in the specializations Electromechanics (Mechanics and Electricity), respectively Mining and Metallurgy. In 1925, the Electricity Department was created, being led by Professor Emeritus Plautius Andronescu, who returned home from Switzerland, where he was private-docent at the Polytechnic in Zürich.

2 Bachelor programmes

4 Master programmes

PhD programmes

Faculty of Electrical and Power Engineering
Timișoara, bd. Vasile Pârvan nr. 2
Tel. +40 256 40 33 85, Fax +40 256 40 33 84
Email: ee@upt.ro
www.et.upt.ro





Study programs

Bachelor studies

Bachelor domains:

Engineering Sciences;
Electrical Engineering;
Power Engineering.

Bachelor programs:

Electrical Engineering;
Power Engineering.

Master studies

Electrical Engineering:

Energy Conversion and Storage, with Power
Electronics;
Industry Automation and Automotive Systems.

Power Engineering:

Power Systems Components and Control;
Renewable Energy.

PhD studies

PhD domains:

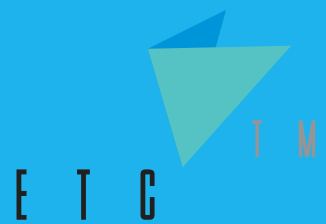
Electrical Engineering; Power Systems Engineering.

Cooperation

The Faculty of Electrical and Power Engineering cooperates with several national and international companies and with universities from our country and from abroad (Kentucky, Bologna, Padova, Cassino, Torino, Seoul, Aalborg, Manchester, Glasgow, Toulouse, Grenoble, Budapest, Novi Sad, Sofia, Baku, Rabat, etc.).

The most prestigious collaboration is the one established with the German railway company DB Netz AG, Regionalbereich Sudwest. The collaboration includes a scholarship program for students, internships in Germany, but is also considers the development of research programs that have included teachers, master students and PhD students. Moreover, it cooperates with several national and multinational companies such as: ZF, Continental, Hella, Autoliv, ABB, Siemens, Diehl AKO Stiftung & Co., Transelectrica, Electrica, Nuclearelectrica, Hidroelectrica, Termoelectrica, Enel, EON, CEZ, Valeo, ELBA, ISIM, etc.

Faculty of Electronics, Telecommunications and Information Technologies



Electrical sciences were included in the curriculum of the Polytechnic School of Timișoara, since its establishment in 1920. In 1990, our faculty has been consolidated as an independent institution composed of three departments: the department of Applied Electronics, the department of Measurements and Optical Electronics and the department of Communications.

3 Bachelor programmes

5 Master programmes

PhD programmes

Faculty of Electronics, Telecommunications and Information Technologies
Timișoara, bd. Vasile Pârvan nr. 2
Tel. +40 256 40 32 91, Fax +40 256 40 32 95
Email: etc@upt.ro
www.etc.upt.ro





Study programs

Bachelor studies

A 4-year program, according to the Bologna Declaration, licensed engineer in the field of Electronics and Telecommunications Engineering, specializing in **Applied Electronics**, 240 ECTS, with the possibility of continuing the studies at the master's level;

A 4-year program, according to the Bologna Declaration, licensed engineer in the field of Electronics and Telecommunications Engineering, specializing in **Telecommunications Technologies and Systems**, 240 ECTS, with the possibility of continuing the studies at the master's level;

A 4-year program, according to the Bologna Declaration, licensed engineer in the field of Electronics and Telecommunications Engineering, specializing in **Telecommunications Technologies and Systems**, including in the English language, 240 ECTS, with the possibility of continuing the studies at the master's level.

Master studies

2-year Master's programs:
The Electronics of Intelligent Systems (Research oriented);
Biomedical Engineering (Research oriented);
Technologies, Systems and Applications for eActivities (Research oriented);
Multimedia Technologies (Research oriented);

2-year Master's program in English:
Communications Networks Engineering (Research oriented).

PhD studies

A 3-year PhD program, with or without attendance, in the field of Engineering Sciences, specializing in the field of Electronics, Telecommunications and Information technologies.

Cooperation

The Faculty of Electronics, Telecommunications and Information Technologies cooperates with numerous national and multinational companies, therefore keeping a close relation between the economic and academic environment. The students have the opportunity to develop within a proper environment, being able to easily adapt to the requirements of the labor market. The following companies are among some of the closest economic partners: Nokia, Continental Automotive, Hella, Flex, Honeywell, Texas Instruments, National Instruments, AEM, Microchip.

Faculty of Engineering in Hunedoara



The Faculty of Engineering in Hunedoara has its origins in the Institute of Technological Engineering, founded in 1970. Since 1974, the Institute has been subordinated to the Polytechnical Institute “Traian Vuia” of Timișoara, which later became Politehnica University Timișoara.

6 Bachelor programmes

6 Master programmes

PhD programmes

Faculty of Engineering in Hunedoara
Hunedoara, str. Revoluției nr. 5
Tel. +40 254 20 75 02, Fax +40 254 20 75 00
Email: fih@upt.ro
www.fih.upt.ro





Study programs

Bachelor studies

Fields of study:

Electrical Engineering;
Engineering and Management;
The Engineering of Materials;
Vehicle Engineering;
Applied Engineering Sciences;
Environmental Engineering.

Bachelor specialisations:

Industrial Computer Science;
Automotive Vehicles;
Economical Engineering in the Chemical Industry
and the Industry of Materials;
Economical Engineering in the Field of Mechanics;
Electrical Engineering and Computers;

Waste Recovery Engineering.

Master studies

Master specialisations:

Advanced Systems for Industrial Use of Electricity;
Computer Techniques in Electrical Engineering;
Advanced Materials and Technologies for
Automotive Industry;
Advanced Materials and Technologies for the
Automotive Industry;

Engineering and Management of Mechanical
Systems;
Engineering and Management of Sustainable
Development in Materials Industry.

PhD studies

PhD domains:

Engineering Sciences – Materials' Engineering.

Cooperation

The Faculty of Engineering in Hunedoara cooperates with several companies, institutions and universities from our countries and abroad. Some of the partners are the following: Hydromatic Sistem Hunedoara, Philips Romania Orastie, Mira Mon Prestcom Hunedoara, Complex Energetic Hunedoara, Arcelor Mittal Hunedoara, Hidroelectrica Hateg, Marmosim Simeria, Hidroelectrica serv Hateg, Service Automobile Deva, Agromec Deva, Proserv Hunedoara, Micromega Hd Hunedoara, Recomsid Hunedoara, Vb Test Motor Sport Hunedoara, Mikes Hardware Hunedoara, Auto Met 2006 Hunedoara, Gb Motors Deva Peugeot, Crismarplast Orastie, Coramex Renault Deva, Bancpost Hunedoara, The Administration of the National Park Retezat and Memory Hunedoara.

Faculty of Management in Production and Transportation



The graduates of the Faculty of Management in Production and Transportation have been employed by high-profile companies, such as Continental Automotive, Flextronics, P&G, Coca-Cola, Nestle, etc., or have started their own companies like Magellan, Expert Consulting, etc.

5 Bachelor programmes

5 Master programmes

PhD programmes

Faculty of Management in Production and Transportation
Timișoara, str. Remus nr. 14
Tel. +40 256 40 42 84, Fax +40 256 40 42 87
Email: mpt@upt.ro
www.mpt.upt.ro





Study programs

Bachelor studies

Industrial Economic Engineering - instructs future engineers with a good knowledge of economical sciences, in the fields of mechanics and industrial engineering, capable of working in the production lines of the mechanical and automotive companies, as well as in other companies.

Economic Engineering in the Electric, Electronic and Energetic fields - ensures a thorough preparation in the field of high technologies, by integrating economical knowledge and skills the electric, electronic and energetic fields.

Economic Engineering in Construction - prepares individuals with comprehensive project work skills and Project Management of construction and assembly work, by interweaving in their study management skills and knowledge in the field of construction.

Economic Engineering in the Chemical and Materials Industry - offers excellent training in the engineering management targeted for the chemical and materials industry.

The **Public Administration Studies** - develops specialists for public administration with focus on specific areas, such as work in city halls of localities ranging from villages to large towns, prefectures, county councils, ministries, governmental agencies, etc.

Master studies

Entrepreneurial Management in Business Administration - the master program which is most focused on business. The graduates are capable of starting their own business or can choose well rewarded positions in the multinational companies from Romania or abroad.

Quality and Competitiveness Engineering and Management (in English) - focused on improving the quality and business competitiveness.

Engineering and Management of Competitiveness - is focused towards improving the business competitiveness. The graduates have comprehensive knowledge and appropriate capabilities in order to be able to rethink the activity of a company in the context of today's globalization of the market.

Management of Public Organizations - develops high specialists needed in public administration organizations, with focus on

specific areas, working in city halls, prefectures, governmental agencies, etc.

Engineering and Management of Logistic Systems - addresses those students who want to administrate the logistic flow within a company or outside it. The acquired knowledge ensures that our graduates gain appropriate skills for supply, distribution and stacking stock control and improvement.

PhD studies

Engineering and Management - 5 PhD coordinators with complementary competence edge and fields of study, so that a wide range of study topics in the domain of Engineering and Management can be approached. There are full time PhD students and also part time PhD students, from our country and from abroad, students who undergo intense studies in the fields of management, marketing, human resources management, logistics, supply chain management, etc.

Cooperation

The Faculty of Management in Production and Transportation has a very good cooperation with the economic environment from Western Romania and beyond. Among the partner companies are the following: Alcatel-Lucent Romania, Azur SA, ContiTech Romania, Constructim, Dura Automotive Romania, FM Logistics Romania, GEFCO Romania, Nestle, SAIF-TIM and Webasto Romania.

Faculty of Mechanical Engineering



The Faculty of Mechanical Engineering, as a higher education centre, was founded after the education reform of 1948, when the institution it belonged to, known as the Politehnica School of Timișoara, became the Politehnica Institute of Timișoara, which later became Politehnica University Timișoara.

13 Bachelor programmes

21 Master programmes

PhD programmes

Faculty of Mechanical Engineering

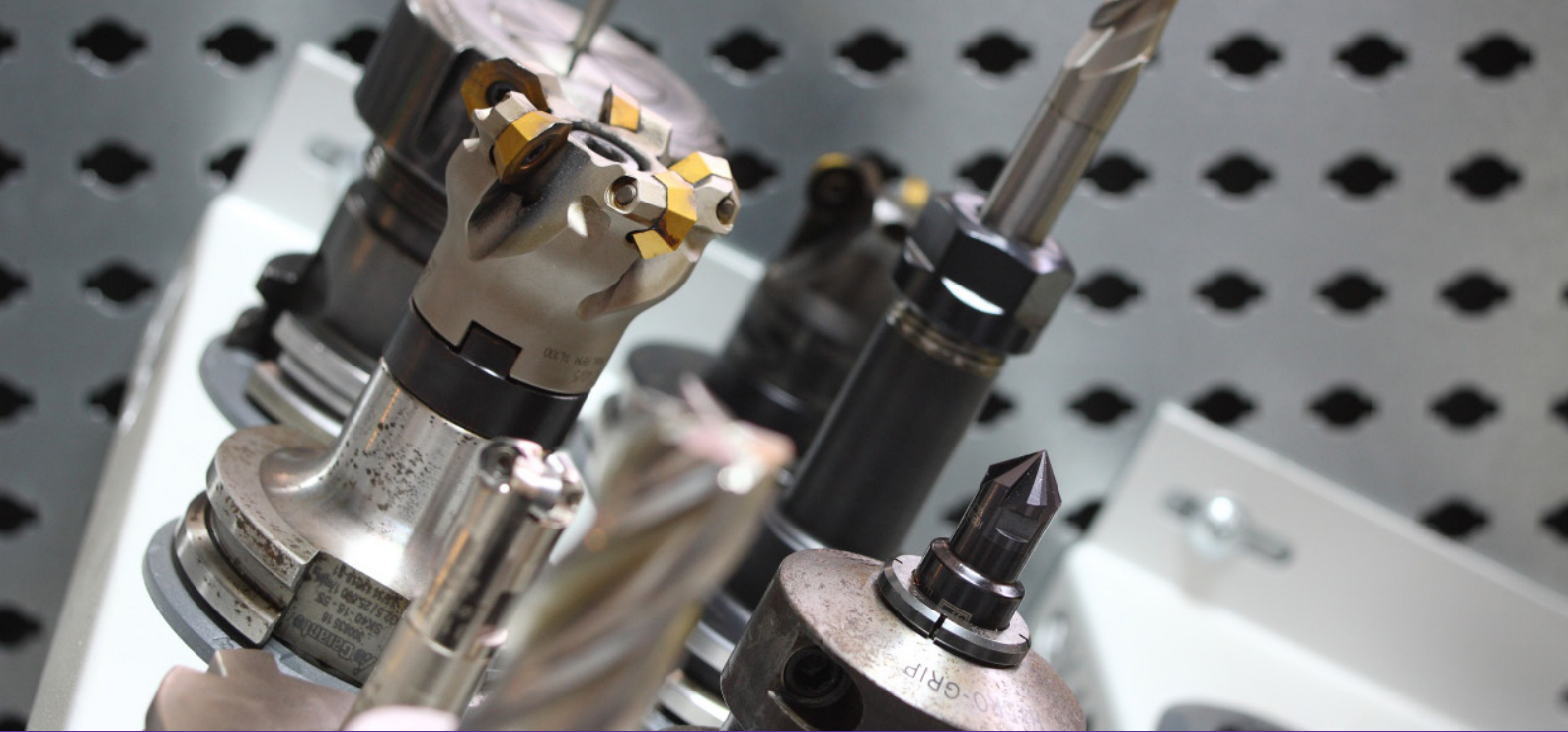
Timișoara, bd. Mihai Viteazu nr. 1

Tel. +40 256 40 35 21, Fax +40 256 40 35 23

Email: mecanica@upt.ro

www.mec.upt.ro





Study programs

Bachelor studies

Mechanical Engineering;
Machines and Equipment for Agriculture and Food Industry;
Hydraulic and Pneumatic Machinery and Systems;
Thermal Systems and Equipments;
Railway Transport Vehicles;
Road Vehicles;

Transportation and Traffic Engineering;
Manufacturing Engineering;
Welding Engineering;
Materials Science;
Mechatronics;
Robotics;
Medical Engineering.

Master studies

Advanced Mechanical Engineering;
Integrated Systems for Agri-Food Manufacturing;
Modern Railway Systems;
The Engineering of Work Relationships, Health and Safety at Work;
The Engineering of Renewable Energy Resources;
Energy and Ecology for Thermal and Vehicle Applications;
Quality Management of Technological Processes;

The Hydrodynamics of Machinery and Hydromechanical Systems;
Power System Engineering for Vehicles;
Construction and Exploitation of Road Vehicles;
Advanced Techniques in Road Transportation;
Polymer and Composite Products Engineering;
Integrated Engineering;
Efficient Welding Gas Protection Processes;

Statistical Methods and Techniques in Health Care and Clinical Research;
Advanced Materials and Technologies;
Quality and Materials Processing Control;
Engineering Quality in Mechatronics and Robotics;
Robotic Systems With Artificial Intelligence;
Ergoengineering in Mechatronics;
Implants, Prostheses and Biomechanical Evaluation.

PhD studies

Doctoral studies programs:

Mechanical Engineering; Industrial Engineering; Materials Engineering.

Cooperation

The Faculty of Mechanical Engineering collaborates with several companies such as Continental Automotive Romania, HELLA Romania, SIPA ENGINEERING Romania and Zoppas Industries Romania and with universities from our country such as: Politehnica University of Bucharest; "Gheorghe Asachi" Technical University of Iasi; Technical University of Cluj Napoca.

The Centre for Lifelong Learning



- 8 Courses
- Over 3000 attendants

Established in 1998, the Centre for Lifelong Learning carried out training activities, preparing over 3000 people for the private and state economic environment, as well as for local and central public administration institutions. It is a specialized structure in Politehnica University designed to tackle the issue of lifelong learning.

Since 2012, the Centre for Lifelong Learning within Politehnica University Timișoara has been the integrator and administrator of lifelong education activities in the university. These activities are academic responsibilities of the faculties, as it is specified by UPT regulations.

Through local or international partnerships, based on direct or non-reimbursable (project-based) financing from companies, the Centre for Lifelong Learning has also increased its range of services to companies, from providing training programs to providing full services on Human Resources in different economic structures, such as Analysis of training needs, implementation of annual training plans, HR audit on the correlation of knowledge and skills with the actual tasks and job description, etc., or even knowledge transfer on the organization of a Lifelong Learning Centre in other universities.

The Centre for Lifelong Learning is a permanent partner of the Timis County Chambers of Commerce, Industry, and Agriculture, as well as many more companies, including Continental, Contitech, Nokia, SYSMEC ARAD, LEMAN INDUSTRIE, ELBA, etc.

Some of the partners in projects with external funding are the University of Limoges, Instituto Superior de Engenharia do Porto ISEP, Novi Sad, Osijek, Telford College of Art and Technology (GB).



Centre for e-Learning



Since its establishment, in 1998, as the Distance Education Centre, the eLearning Centre has been at the forefront of developing online and digital education in the University. CeL initiates, promotes and manages distance education in the university, has created and manages the UPT Virtual Campus and advances research and development in digital education and engineering education. CeL was the first centre to introduce a digital education ecosystem in Romania by integrating eLearning and blended learning, mobile learning with open education and the use and creation of Open Educational Resources (OER), and UniCampus as the first Romanian MOOC (Massive Open Online Courses).

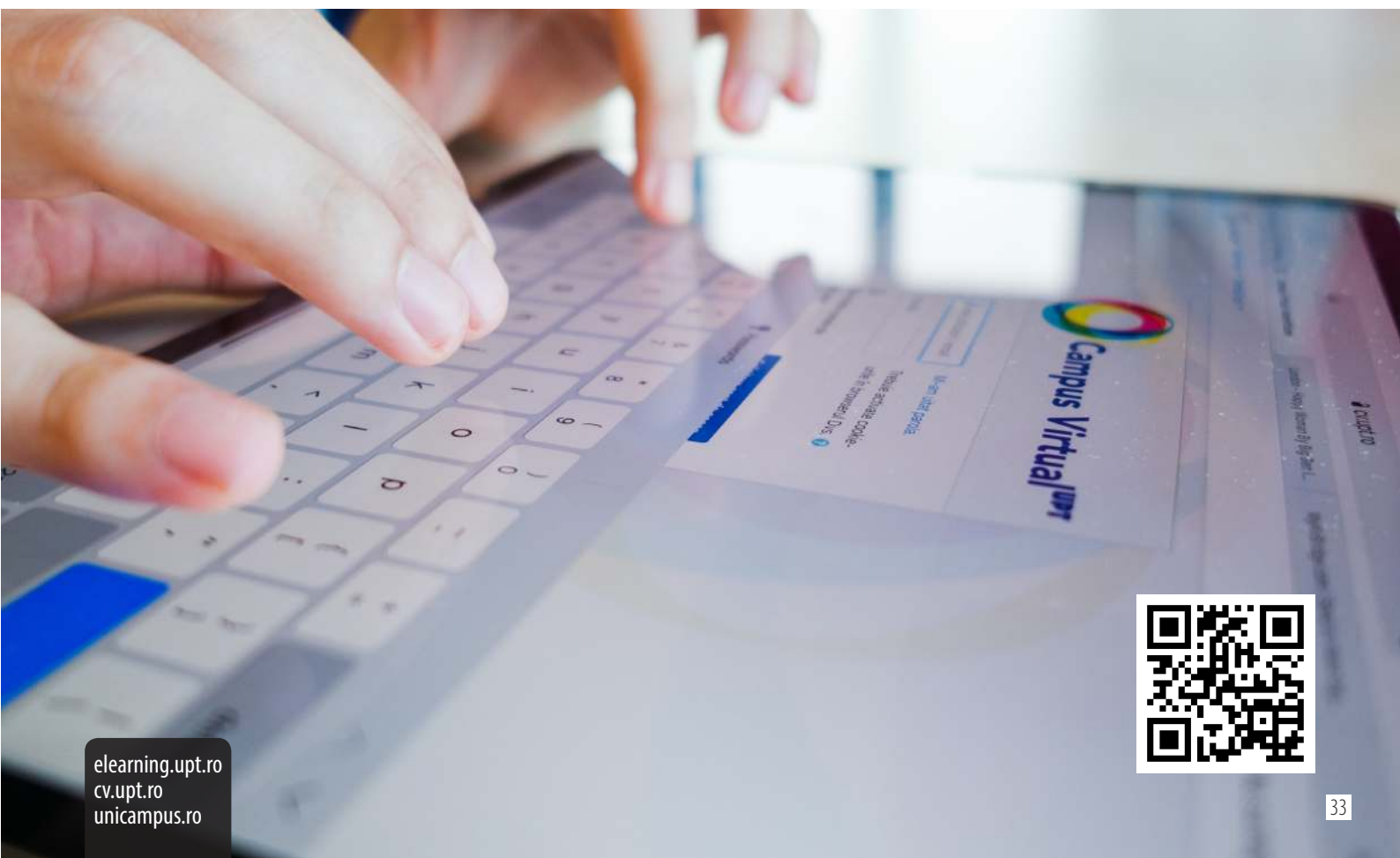
The UPT Virtual Campus is the core of educational digitisation, built as a single digital entry point for administration, academics and students, an open-source platform in use since 2000 as an in-house platform and based on Moodle since 2006. It includes the Academic management (LMS Learning Management System): interface for degree and curriculum management, for managing students, academics, exams, results, attendance, etc; Academic learning support (Course management and curation system): online courses, online or electronic laboratory materials, podcasts, multimedia resources; Academic learning experience and communication with web 2.0 and social media tools (forum, blog, wiki, messaging, interactive resources, collaborative and external tools, etc).

Specializations delivered as distance education:

Undergraduate degrees: Informatics, Telecommunications Technologies and Systems, Communication and Public Relations, Manufacturing Engineering

Postgraduate courses: Technology, Systems and Applications for eActivities, eBusiness, eMedia, eGovernment, eHealth; Creative Entrepreneurship; Digital Competences; Training in blended-learning and modern educational technologies at university level.

Over the years, CeL has been involved in over 25 projects funded by European Union, is partner in international associations (EDEN, IEEE, IAFES, ASLERD) and co-operates with similar centres from universities from all over the world. CeL is constantly running dozens of free workshops and webinars, is involved in research and development activities in the fields of open education, digital education, digital students, digital skills, advanced web technologies including augmented and virtual reality, blockchain for education, virtual campuses, virtual mobilities, open badges and microcredentials.



Student Organizations

Each faculty has its own Students' Organization that provides support, activities and entertainment of the highest quality. They organize the now famous ISWINT (International Student Week in Timișoara) festival in April, which brings together more than 500 students from all over the world. Our University also hosts the first Romanian group of BEST (Board of European Students in Technology), a very active organization at an European level, which arranges international courses, exchanges



Asociația de la 4

Students' organization for the Faculty of Architecture and Urban Planning

asociatiadela4@gmail.com asociatiadelapatru.wordpress.com
facebook.com/asociatiadela4



Liga AC

Students' organization for the Faculty of Automation and Computer Engineering

contact@ligaac.ro www.ligaac.ro
facebook.com/pages/Liga-AC/112963005393755?fref=ts



Liga Studenților Chimști din Timișoara

Students' organization for the Faculty of Chemistry and Environmental Engineering

office@lsct.ro www.lsct.ro
facebook.com/LSCT.TM



Liga Studenților din Facultatea de Electrotehnică și Electroenergetică

Students' organization for the Faculty of Electrical and Power Engineering

contact@lsfee.ro www.lsfee.ro
facebook.com/lsfee.lsfee



Liga Studenților din Facultatea de Electronică și Telecomunicații

Students' organization for the Faculty of Electronics, Telecommunications and Information Technologies

office@lsfetc.ro www.lsfetc.ro
facebook.com/ligaetc



Liga Studenților - Facultatea de Inginerie Hunedoara

Students' organization for the Faculty of Engineering in Hunedoara

lsfih@yahoo.com liga.fih.upt.ro
facebook.com/pages/Liga-Studentilor-Facultatea-de-Inginerie-Hunedoara/332628820092048



Liga Studenților din Facultatea de Management în Producție și Transporturi

Students' organization for the Faculty of Management in Production and Transportation

lsfmpt@yahoo.ro www.lsfmpt.ro
facebook.com/lsfmpt.timis?fref=ts



Liga Studenților din Facultatea de Mecanică

Students' organization for the Faculty of Mechanical Engineering

office@lsfmt.ro www.lsfmt.ro
facebook.com/lsfmt.Timișoara



Organizația Studențească „Traian Lalescu”

Students' organization for the Faculty of Civil Engineering

ligaostl@yahoo.com liga-ostl.blogspot.ro
https://www.facebook.com/ostltm



Liga FSC

Students' organization for the Faculty of Communication Sciences

ligafsc@gmail.com
https://www.facebook.com/ligafsc/



CCOC

Centre for Counseling and Career Guidance



The Career Counseling and Guidance Centre (CCOC) is a department within Politehnica University Timișoara (UPT) aiming to offer specialized support to students. It mainly seeks to provide students with professional guidance, psychological counselling and help them integrate socially.

Services provided by CCOC:

- Informing students and graduates via CCOC's own communication platforms;;
- Counseling students on various issues;
- Counseling students psychologically;
- Assessing students' skills;
- Organizing training sessions;
- Organizing seminars and workshops;
- Identifying opportunities for UPT students and graduates;
- Presenting companies;
- Organizing "Career Days" (Zilele Carierei) – the biggest job fair for students in Romania;
- Organizing study visits to companies;
- Presenting companies' offers via CCOC's communication platforms (these may include jobs, internships, collaborations, private scholarships, diploma projects);
- Monitoring graduates' labor market insertion and presenting statistics on these topics to the university and faculties management;
- Promoting the UPT educational offer in Romania and abroad;
- Elaborating support materials for students, such as the student's guide, career counseling and guidance guide, various flyers, and brochures;
- Elaborating materials to promote UPT educational offer among high school students;
- Organizing study or informative trips (to various companies/institutions, the Romanian Parliament, European Union institutions, etc.);
- Developing European programs for UPT students and graduates;
- Managing programs such as Euro 200, student camps, special social scholarships;
- Providing internships and other volunteering opportunities within CCOC.

Counseling and Career Guidance Centre

Vasile Parvan Street, no. 2B, room A001

Phone: +40256404704

E-mail – ccoc@upt.ro

www.facebook.com/CCOC.UPT



The operating principle of the UPT Library is a new, user-centred approach, offered through the modern resources and automated services.

The services offered by the library:

- Documents organized in collections divided in 49 domains and 555 subdomains;
- Study rooms open 24 hours / 7 days a week with 100 seats and a RFID access control;
- Capacity of 700 study places, arranged in closed, open and flexible spaces;
- IT space with a capacity of 180 seats, equipped with 162 computers;
- Multipurpose room equipped with a videoconference system;
- Traditional automated services – self – services (self-borrow and self-return), 24h self-return system;
- Wi-Fi access throughout the building;
- RFID anti-theft protection system for the publications;
- Multifunction equipment with a follow me printing system;
- Old books collection includes over 600 volumes, edited starting from the year 1798;
- Multifunctional Room with 100 seats, equipped with video conferencing system;
- Multimedia area with 24 seats offers the possibility of study and working in groups in real time;
- 5 special rooms with 48 seats offers the possibility of study and working in groups;
- Multipurpose library card;
- Access to online catalog: http://primo.upt.ro:1701/primo-explore/search?vid=40TUT_V1&sortby=rank&lang=ro_RO;
- Access to Digital Repository: <https://dspace.upt.ro/jspui>;
- Access to Data Bases: <https://library.upt.ro/baze-de-date/>;
- Access to Web page: <https://library.upt.ro/>;
- Access to Facebook: <https://www.facebook.com/UPTLibrary/>;
- Access to Instagram: <https://www.instagram.com/biblioteca.upt/>





BIBLIOTECA

Universitatea
Politehnica
Timișoara





Sport Facilities

Politehnica University Timișoara provides numerous sports facilities, offering probably the best choice in Central and Eastern Europe. These facilities include: 3 sports units; 2 indoor halls fully equipped for ball games; 7 football fields, out of which 3 are outdoor standard for competitions and 2 are synthetic, indoor, balloon type football pitches; an indoor area with synthetic minigolf, handball and basketball grounds; a complex composed of 2 swimming pools (indoor and outdoor); fitness rooms and facilities for other sports. The University's male handball team "Politehnica" is famous at international level, and the football team "Poli" plays in the National League. Other sports are also well represented in national competitions.

Sport Complex 1 includes: fitness hall, football pitch, running track (tartan), covered mini-football fields.



Sports Complex 2 includes:

swimming pools (indoors, with fitness equipments and sauna, and outdoors), sports halls (tennis, basketball, volleyball), tennis courts (bitumen and tartan), basketball courts, football fields, multipurpose buildings.



Student Campus

Our campus, situated close to the centre of Timișoara, gives students the opportunity to enjoy the university life side by side with all the facilities of this cosmopolitan city. Historical and modern buildings, surrounded by attractive parks, complete the picture of a vibrant academic and social life.

Politehnica University Timișoara accommodates about 5500 students in 2000 student rooms from 16 residences, all equipped with Internet connection, cable TV, refrigerator and new furniture.

Hotels – Student Restaurants

The University owns two hotels, located in the city centre, namely Casa Politehnicii 1 (22 rooms) and Casa Politehnicii 2 (33 rooms). They are 3 stars, respectively 4 stars hotels (phone, TV, refrigerator, air conditioning, Internet) with their own restaurants.

On campus, the university has 2 student restaurants (Politehnica University Canteen and Fast Food 1MV) that provide lunch and evening meals service.



Politehnica Publishing House

Politehnica Publishing House was founded in 1996 with the purpose of contributing to the prestige of the Politehnica University Timișoara, through publishing papers which were representative for the scientific and technical potential of the school. Politehnica Publishing House rose in the western part of Romania with a technical, scientific and didactic profile, providing its readers with high quality books.

The books of Politehnica Publishing House represent the proof of dedication and professionalism, thanks to the quality of the authors and the conscientiousness of the scientific referees. In an essay book (The Ashy Gold, Dacia Publishing, 1972), Mircea Malița — former Minister of Education, was not afraid to say that “the best polytechnic of the country is in Timișoara”, and the Politehnica Timișoara was raised by the people who have animated this institution. The publishing house represented the binder that facilitated the connection between man and book, between the author and his work, respectively the literary work and the reader, giving substance a physical form.

Politehnica Publishing House is a registered trademark of the University Politehnica Timișoara.

Politehnica Publishing House
Timișoara, Bd. V. Părvan, Nr. 2B
Tel: +4 0256 40 46 77
E-mail: editura@upt.ro
www.editurapolitehnica.upt.ro



Politehnica Printing House

Politehnica Printing House (the production section of the publishing house) was founded in the 1970s, when the foundation of the Lithographs was laid, with the purpose of providing support to teachers and students by facilitating the access to information and printed form. Subsequently, the Lithographs becomes the Replication Centre, having the same aim of supporting the teaching process. In 2007, the Replication Centre enters its last stage of reinvention, becoming what is now the Politehnica Printing House.

The printing services provided by Politehnica Printing House are: printing, editing, copying, binding, reconditioning of old works, manual spine stitching, manually customizing works with gilded characters, etc. The printing house offers also a wide range of products, including: maps and mailing tubes, event materials (posters, invitations, greeting cards, envelopes, diplomas, etc.), templates, vouchers, cards, promotional materials (brochures, leaflets, magazines, booklets, catalogs, menus, etc.), corporate materials (folders, badges, cards, letterheads, self-adhesive labels, etc.), albums, notebooks, planning materials (agendas, planners, calendars, etc.).

Politehnica Printing House
Timișoara, Bd. Republicii nr. 9
Tel. +40 256 40 38 23; +40 256 40 38 24
Tel. +40 256 40 38 28; +40 721 305 948
E-mail: tipografia@upt.ro
www.tipografia.upt.ro



ExperimentariumTM

The interactive centre ExperimentariumTM, based on Physics experiments, was created through the partnership between two prestigious universities: Politehnica University Timișoara and West University of Timișoara. The ExperimentariumTM laboratory is addressed to young people, pupils or students who wish to conduct the most diverse Physics experiments.

The purpose of ExperimentariumTM is to make science more visible, tangible and accessible through interactive methods that can be synthesized under the principle "experience yourself". The instruments and the devices available for the proposed experiments allow participants to become active explorers, increasing their confidence in their own capacity to understand the functioning of the Universe.

The activity in this centre promotes a culture of experimentation and cooperation, sparks the curiosity, increases the understanding and stimulates new ideas. Through the experiments the participants discover and understand some physics phenomena and their laws.

The ExperimentariumTM centre provides a great environment for socializing. The groups of teenagers have the opportunity to spend some time together sharing their common passion for scientific knowledge. The parents have the possibility to join their children in order to discover physics phenomena and discuss with them what they observed together. The laboratory is part of the continuous and ongoing education process.

The visitors are guided in the world of experiments by a number of tutors who are ready to offer explanations and help, if necessary.

EXPERIMENTARIUM *tm*



Romanian Alliance of Technical Universities

The Romanian Alliance of Technical Universities (ARUT) represents a collaboration platform for the most prestigious technical universities in the country, as well as a common, compelling voice always involved in the optimization of education and research policies.

ARUT actively participates in the responsible development of education and research policies. The entity was founded in June 2016 by Politehnica University of Bucharest, Politehnica University Timișoara, the Technical University of Cluj-Napoca, Gheorghe Asachi Technical University of Iasi and the Technical Civil Engineering University of Bucharest. Creating funding resources for educational and research projects and applying for funding from the European Social Fund are some of the activities carried out by the alliance.

The main goal is to synchronize universities' research offers with the needs of the private environment. The ARUT universities are dedicated to finding technical solutions to the challenges faced by modern society.

ARUT contributes to the growth of Romania's economic competitiveness by correlating the development of specialized human resources with the needs of the domains with the highest turnover growth as a result of intensified interactions between the economic and academic environments.

The union of the research efforts of ARUT founding members results in the formation of the largest research concern at national level. It aims to match the research offer with the needs of the private sector.

Through its projects and actions, ARUT seeks to continuously improve the standards of the educational services provided by the member universities. Proficiency in science and engineering is a leitmotif of the Romanian Alliance of Technical Universities.

www.aruteh.ro



TeleU

Teleuniversitatea Timișoara



TELE U



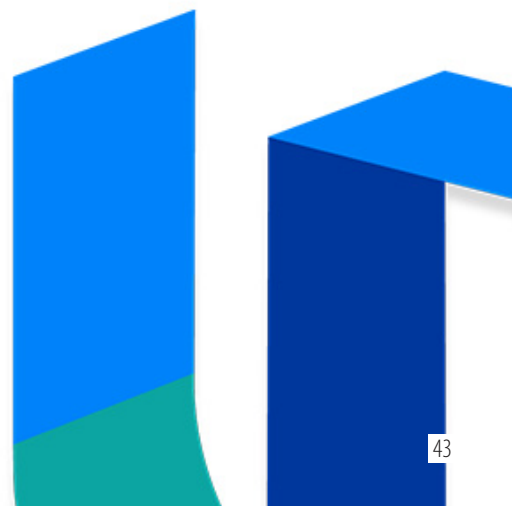
Teleuniversitatea Timișoara (TeleU) is a public television founded in 1994 by Politehnica University Timișoara.

Since its first broadcast on the 1st of May 1994, TeleU has been transmitting (airing/ offering) educational, cultural, academic, sports and economic programs with the exclusive support of the university.

Teleuniversitatea Timișoara exists under the licence TV-C 852/27.11.2018, released by National Audiovisual Council of Romania (Consiliul Național al Audiovizualului). TeleU broadcasts programs on all cable operators (RCS&DDS, UPC/Vodafone, Telekom) 24 hours every day (two hours of TV production and 22 hours videotext). The TV production is transmitted from Monday to Friday in the time intervals 10-11 and 18-19, Saturday and Sunday 14-16.

TeleU aims to promote excellence in education, science, culture, entrepreneurship, business and sports in dedicated news, features, interviews and talk-shows. The main focus of TeleU programs is the academic community of Politehnica University. The TeleU team is composed by television professionals and volunteering students. Many former TeleU reporters, newscasters and anchors are now media professionals.

www.teleu.ro



UPT Campus locations

A. ELECTRO: Faculty of Electronics, Telecommunications and Information Technologies / Faculty of Automation and Computer Engineering

B. ELECTRO: Faculty of Electronics, Telecommunications and Information Technologies/ Faculty of Automation and Computer Engineering

C. ELECTRO: Faculty of Electrical and Power Engineering

D. ELECTRO: Faculty of Electrical and Power Engineering

E. CONȘTRUCȚII: Faculty of Civil Engineering / Faculty of Architecture and Urban Planning/ Faculty of Communication Sciences

F. CONȘTRUCȚII: LCWFC Department / SSSM Department

G. ASPC Faculty of Civil Engineering / Faculty of Communication Sciences / Faculty of Automation and Computer Engineering

H. HIDROTEHNICA: Department of Hydrotechnics

I. MPT: Faculty of Management in Production and Transportation

K. AUDITORIUM

L. UPT Library

M. MECANICĂ: Faculty of Mechanical Engineering

N. MECANICĂ NOUĂ

O. OROLOGIE: Faculty of Mechanical Engineering

P. CHIMIE: Faculty of Industrial Chemistry and Environmental Engineering

R. RECTORAT

S. SPM: Faculty of Mechanical Engineering / Faculty of Management in Production and Transportation

T. CHIMIE: Faculty of Industrial Chemistry and Environmental Engineering

U. 1MV: Student Residence

V. Club MV

Z. 2MV: Student Residence



2020

Year of Politehnica in Timișoara

Timișoara celebrates 100 years since King Ferdinand signed the Decree establishing the Polytechnic School on November 11, 1920. The transformation of Timișoara into a university city has had a direct effect on its growth and increased the attractiveness for investments of all types, keeping the young and innovative spirit, promoting its avant-garde image of Romanian and European science.

In order to underline the important role that Politehnica University Timișoara had and continues to play in the development of the city, the Timișoara Local Council adopted the Decision no. 609/2018 regarding the approval of the declaration of the year 2020 – the Year of Politehnica in Timișoara.

In the statement of reasons regarding the opportunity of the draft decision regarding the approval of the declaration of the year 2020 – The Year of Politehnica in Timișoara, it is stated that “Our city is entitled to mark the contribution that Politehnica University has made to the development of the Romanian technical higher education in the last 100 years, and the events organized on this occasion in 2020 – meetings with twin cities and universities, shows, scientific innovation fairs, etc. – are elements that constitute an important advantage in terms of capitalizing on the image of Timișoara as one of the most prolific university and research centres in Romania, a basic component in the context of the future European Capital of Culture exercise in 2021”.

A century ago, Timișoara City Hall played a significant role in the implementation of the project of establishing a higher education institution in these areas: it allocated funds, land, buildings, found solutions for hosting the secretariat of the Polytechnic School about to be set up, encouraged the development of a university campus. The dedication and active concern for raising Timișoara to the rank of Civitas Academica, determined Stan Vidrighin, the mayor of Timișoara at that time, to accept to become the rector of the university (July–October 1921), thus making it possible to organize the admission contest ensuring continuity of the activity of the Polytechnic School, after the departure of Traian Lalescu.

The efforts of the local administration were fully rewarded; enlightened minds of Europe came to teach in Timișoara. In time, the technical solutions developed by the Polytechnic School have been recognized and taken over in the major development projects of Romania, from the construction of the Iron Gates hydroelectric plant to the Danube – Black Sea canal, from the calculations for the RomExpo building to large industrial complexes in Romania.

Collaborations with professors of Politehnica such as Corneliu Mikloși, Stefan Nădășan, Remus Răduleț, Aurel Bărglăzan or Plautius Andronescu, transformed the city, generated national and international awards, increased the prestige of Timișoara and ensured the constant development of the most important economic centre in the west.

Launch of the philatelic program dedicated to the Centenary of Politehnica University Timișoara

To celebrate the Centenary of Politehnica University, Romfilatelia launched a philatelic program with the theme “Politehnica University Timișoara, a century of education and innovation”. The issue of postage stamps contains a stamp and a lace booklet, marking the Centenary of the first higher education institution in the west of the country. The coincidence is that in 2020 a century will be celebrated since the first philatelic exhibition in Great Romania, an event that took place in Lloyd Palace, the current headquarters of UPT Rectorate, and this was sponsored by Stan Vidrighin, then mayor of Timișoara, and later rector of the Timișoara Polytechnic.



Politehnica University Timișoara

Piața Victoriei, Nr. 2
Timișoara - 300006
Tel: +40 256 403 000
Fax: + 40 256 403 021
Email: rector@upt.ro
Web: www.upt.ro