



Slovak University of Technology in Bratislava

PROFILE



Robert Redhammer  
Rector

Slovak University of Technology in Bratislava



Dear friends,

For centuries, parents have strived to provide their children with the best education possible. For centuries, our teachers have made an effort to prepare their students for careers and lives as best they could. Parents choose the best schools, so that their children can study and live better than they did. They know that better education means a better life, and a better future.

Availability of educational opportunities was one of the key reasons for founding the Slovak University of Technology in Bratislava (STU) 75 years ago. The institution, known until 1991 as Slovenská vysoká škola technická, had a clear mission: To offer high-quality engineering education in Slovakia, so that Slovaks did not have to study abroad, and were not deprived of the chance for a better life.

Today, STU is a modern university. With pride, it claims allegiance to the more than 200-year-old heritage of the modern Humboldt type of universities. Led by experienced academic staff, students are immersed in research and creative tasks. STU lets them experiment and helps them obtain needed skills. Students seek new knowledge, new technological solutions or artistic expression. All this rekindles the Leonardo da Vinci spirit: "Wisdom is the daughter of experience."



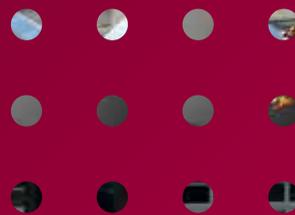
Moreover, STU's character is connected with an even older heritage –the famous Mining Academy in Banská Štiavnica, known as Schemnitz. The academy, established 250 years ago, has been continuously operating on the territory of today's Slovakia for over 150 years. Its 'concept of theoretical and practical education' contributed many technical and technological innovations to the mining industry and generated progress in terms of higher education in engineering. The Schemnitz academy is, in fact, considered to be the first technical university of its kind worldwide. Both institutions, the Mining Academy as well as STU, offer a university level engineering education to a large number of students, based on scientific research linked directly with industry applications.

Nowadays, the Slovak University of Technology in Bratislava is the flagship of university education in Slovakia. Recently published statistics demonstrate that graduates are among the most sought-after on the labor market, earning some of the highest salaries of graduates from any university in the country. In fact, graduates in the field of Information Technologies earn twice the average national income. What more could a teacher wish for?

But we do want more. We have opened ourselves up to the world. We have signed contractual agreements with more than 400 institutions from around the globe. With regard to scientific production, we are among the top 1,000 world institutions. Moreover, STU is listed among the prestigious Shanghai TOP 200 Academic Ranking of World Universities in computer sciences. We encourage our students and graduates to start their own businesses, thus creating jobs for others, and to use their results to help people live culturally and spiritually better and richer lives.



# STU's Mission



The Slovak University of Technology offers university education in engineering disciplines.

Our education system is based on scientific research, as well as on artistic, engineering and other creative activities. Our faculties, departments, institutes and experts cooperate directly with industrial companies and social organisations, actively taking part in international cooperation.

## VISION

The Slovak University of Technology in Bratislava strives to be an internationally recognized and important, research-oriented technical university. It seeks to provide a high quality, internationally comparable education to a broad spectrum of students from the young generation in promising fields, based on independent and critical thinking, entrepreneurship and creativity, with a view to practical application and success in life, and taking into account the human aspects of education and technological progress. The university aims to contribute to the economic and social development of the region.

## MISSION

As a research-oriented technical university, STU's mission is to achieve through scientific research, apply and disseminate new knowledge through engineering and other creative work, and educate and enlighten the young generation in the spirit of the principles of humanism and benevolence.

Thus, STU develops harmony, knowledge, wisdom, goodness and creativity in a person and contributes to the development of education, science, culture and health for the good of society as a whole and, in so doing, contributes to the development of a knowledge-based society.

## KEY FIGURES\*

### Number of students

- 15,403
- PhD. 1,228

### Number of graduates:

- Bc. 1,936
- Ing. 2,029
- PhD. 258

### Number of teaching staff

- • 1,080

\* figures 2014



# Faculties and Institutes



# Faculties and Institutes

Faculty of Civil Engineering

Faculty of Mechanical Engineering

Faculty of Electrical Engineering and Information Technology

Faculty of Chemical and Food Technology

Faculty of Architecture

Faculty of Materials Science and Technology

Faculty of Informatics and Information Technologies

Institute of Management



## FACULTY OF CIVIL ENGINEERING

The Faculty of Civil Engineering is one of the largest faculties in Slovakia. It has over 31,000 Master-degree graduates, approximately 3,900 Bachelor-degree graduates, and over 1,100 PhD. graduates.

**Number of students:** 3,545

**Number of teaching staff:** 236

**Dean:** Prof. Ing. Stanislav Unčík, PhD.

### Address:

Radlinského 11, 813 68 Bratislava

[www.svf.stuba.sk](http://www.svf.stuba.sk)

### Areas of activities:

building constructions, building environment technology, construction technologies, environment protection constructions, geodesy and cartography, land constructions, transportation constructions, mathematical-computational modelling, water constructions and water systems



## FACULTY OF MECHANICAL ENGINEERING

Many graduates of the Faculty of Mechanical Engineering reached top positions in international corporations, including Volkswagen, BMW, Mercedes, IBM or Siemens.

**Number of students:** 1,366

**Number of teaching staff:** 115

**Dean:** Dean: Assoc. Prof. Branislav Hučko, PhD.

### Address:

Námestie slobody 17, 812 31 Bratislava

[www.sjf.stuba.sk](http://www.sjf.stuba.sk)

### Areas of activities:

applied mechanics, automation, chemical and food machines and devices, engineering technologies and materials, environmental technology, fluid, thermal, hydraulic and production machinery, mechatronics, meteorology, production quality systems, traffic engineering



## FACULTY OF ELECTRICAL ENGINEERING AND INFORMATION TECHNOLOGY

Faculty provides well-balanced mixture of theory and practical experience. Employment rate of faculty's graduates reaches almost 100%, with their starting salaries being among the highest in the economy.

**Number of students:** 2,346

**Number of teaching staff:** 193

**Dean:** Prof. Dr. Ing. Miloš Oravec

**Address:**

Ilkovičova 3, 812 19 Bratislava

[www.fei.stuba.sk](http://www.fei.stuba.sk)

**Areas of activities:**

automation and management, electrical and heavy-current power engineering, electronics, engineering for power materials, informatics, photonics, physics, telecommunications



## FACULTY OF CHEMICAL AND FOOD TECHNOLOGY

For an extended period of time, the faculty has been on the top of Slovakia's list of highest-quality technical faculties. As the only school in Slovakia, it prepares experts for the entire spectrum of the chemical, food, pharmaceutical and cosmetics industry, as well as for various other environmental, biotechnological and research and development fields.

**Number of students:** 2,319

**Number of teaching staff:** 179

**Dean:** Prof. Ing. Ján Šajbidor, DrSc.

**Address:**

Radlinského 9, 812 37 Bratislava

[www.fchpt.stuba.sk](http://www.fchpt.stuba.sk)

**Areas of activities:**

biotechnologies, chemical engineering, environmental engineering, food chemistry and technologies, fuels and polymers, inorganic and organic technologies, inorganic, organic, analytical and physical chemistry



## FACULTY OF ARCHITECTURE

The Faculty of Architecture is the largest and oldest architecture school in Slovakia, educating experts capable of designing and engineering works in areas of architecture, urban development, design, landscape and garden architecture.

**Number of students:** 1,202

**Number of teaching staff:** 108

**Dean:** Assoc. Prof. Ing. arch. Ľubica Vitková, PhD.

**Address:**

Námestie slobody 19, 812 45 Bratislava

[www.fa.stuba.sk](http://www.fa.stuba.sk)

**Areas of activities:**

architecture and urban development, landscape and garden architecture, product design



## FACULTY OF MATERIALS SCIENCE AND TECHNOLOGY

Thanks to its combination of study programmes, the Faculty of Materials Science and Technology is the only one of its kind in Slovakia. Education is based on the most recent scientific and research discoveries integrated in departments of excellence.

**Number of students:** 3,057

**Number of teaching staff:** 171

**Dean:** Prof. Dr. Ing. Jozef Peterka

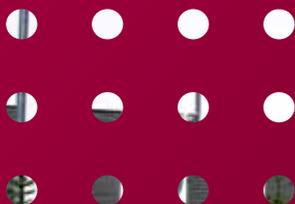
**Address:**

Paulínska 16, 917 24 Trnava

[www.mtf.stuba.sk](http://www.mtf.stuba.sk)

**Areas of activities:**

applied informatics and automation, industrial management, material engineering, processing and application of non-metals, production machinery and systems, production technologies



## FACULTY OF INFORMATICS AND INFORMATION TECHNOLOGIES

As the only school in Slovakia, the faculty focuses exclusively on the field of Information Technologies. Demand for its graduates is high, with their starting salaries being among the highest ones in the economy.

**Number of students:** 1,368

**Number of teaching staff:** 42

**Dean:** Assoc. Prof. Pavel Čičák, PhD.

**Address:**

Ilkovičova 2, 842 16 Bratislava

[www.fiit.stuba.sk](http://www.fiit.stuba.sk)

**Areas of activities:**

computer engineering, data mining, informatics, information systems, security, software engineering, web ontology

## INSTITUTE OF MANAGEMENT

Institute of Management is an autonomous unit providing research and pedagogic activities in the area of management and urban planning, closely cooperating with other university units, domestic and foreign universities and other scientific and academic institutions.

**Number of students:** 200

**Number of teaching staff:** 36

**Director:** Assoc. Prof. Marián Zajko, PhD.

**Address:**

Vazovova 5, 812 43 Bratislava

[www.stuba.sk](http://www.stuba.sk)

**Areas of activities:**

business management, entrepreneurship education, industrial economy, urban planning

# Human Resources

## MANAGEMENT OF STU

**Rector:** Prof. Ing. Robert Redhammer, PhD.

**Vice-rector for cooperation:** Prof. Ing. Marián Peciar, PhD.

**Vice-rector for development:** Dr.h.c. prof.h.c., prof. Dr. Ing. Oliver Moravčík

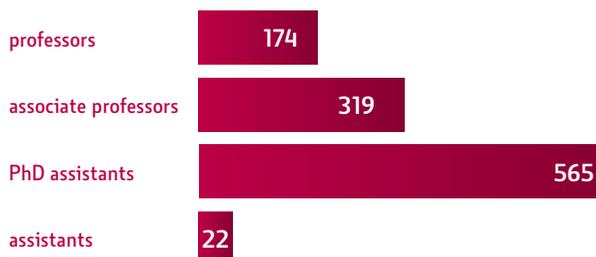
**Vice-rector for education:** Assoc. Prof. Štefan Stanko, PhD.

**Vice-rector for science:** Prof. Ing. Stanislav Biskupič, DrSc.

**Bursar:** Ing. Dušan Faktor, PhD.

WE ARE ONE OF THE LARGEST EMPLOYERS IN THE CITY OF BRATISLAVA

## HIGHLY QUALIFIED STAFF



## QUALIFICATION STRUCTURE OF TEACHING STAFF

### Professor

gives lectures and oversees study programs, determining academic direction

### Associate professor

gives lectures, participates in overseeing study programs and individual subjects

### PhD assistant

leads seminars, exercise and labs

### assistant without PhD

works on seminars, exercises and labs

# Research

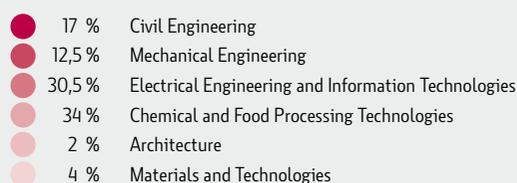
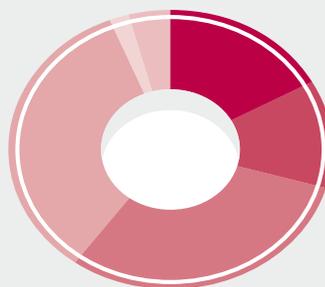
Research plays a key role in the education process. Thanks to research, we are able to prepare well educated and highly trained experts. Our graduates work with the most up-to-date knowledge and receive hands-on experience with the most recent technologies, discovering new knowledge and technical solutions. STU is one of the only five Slovak organisations to have received the SCIMAGO institutional ranking for contribution to the world science.

## FINANCING RESEARCH ACTIVITIES

Research activities are financed from more sources. Beside of state subsidies the external and third-party sources cover almost 1/2 of the whole budget (namely the Slovak and foreign grants, industry cooperation agreements, European structural funds and other own resources).

University has a stable position in this area among the public universities. We managed to secure approximately 22 % of the total amount of finances set aside for all schools by national grant agencies and 13 % of finances obtained from abroad by all public higher education institutions in the country.

## RESEARCH AREAS



## WORLD-CLASS EXPERIENCE

Outstanding success was achieved namely in the field of Discrete Mathematics. The team led by professor Radko Mesiar of the Department of Mathematics and Descriptive Geometry has produced as much as 7 % of the total world's scientific production in their field of expertise. The SciVal Spotlight analysis, based on cocitation analysis of published original scientific papers in renowned international journals, has recognised 42 world-class competences for STU.



## TOP RESEARCH PROJECTS

- FP7 - SMAC** – SMARt systems and Co – design (2011 – 2014)
- FP7 – BIONEXGEN** – Biocatalysis of new generation for industrial chemical synthesis (2011– 2014)
- FP7 – HBB-NEXT** – Next-Generation Hybrid Broadcast Broadband (2011 – 2014)
- FP7 – MANUNET II** – Supporting SMEs towards a new phase to European Research Area on new processes, adaptive manufacturing systems and the factory of the future (2011 – 2015)
- FP7 – GRAIL** – Glycerol Biorefinery Approach for the Production of High Quality Products of Industrial Value (2013 – 2017)
- FP7 – RECARE** – Preventing and Remediating degradation of soils in Europe through Land Care (2013 – 2018)
- FP7 (ENIAC) – E2SG** – Energy to Smart Grid (2012 – 2015)
- FP7 (ENIAC) – SAFESENS** – Sensor technologies enhanced safety and security of buildings and its occupants (2014 – 2017)
- FP7 (ENIAC) – eRAMP** – Excellence in Speed and Reliability for More than Moore Technologies (2014 – 2017)
- H2020 (Climate) – INSPIRATION** – INtegrated Spatial PlannIng, land use and soil management Research ActTION (2015 – 2018)
- H2020 (Energy) – ingREeS** – Setting up Qualification and Continuing Education and Training Scheme for Middle and Senior Level Professionals on Energy Efficiency and Use of Renewable Energy Sources in Buildings (2015 – 2018)
- H2020 (Climate) – INREP** – Towards Indium free TCOs (2015 – 2017)
- H2020 (TEAMING) – SlovakION** – Slovak Centre of Excellence in Ion Beam and Plasma Technologies for Materials Engineering and Nanotechnology (2015 – 2016)
- H2020 (ECSEL) – PowerBase** – Enhanced substrates and GaN pilot lines enabling compact power applications (2015 – 2018)
- H2020 (ECSEL) – OSIRIS** – Optimal SIC substR ates for Integrated Microwave and Power CircuitS (2015 – 2018)

## CENTRES OF EXCELLENCE

### Centre of Excellence of Integrated Flood Protection Systems

The centre studies and proposes methods, elements and activities that serve to secure the protection of people and environmental systems from extremes of the hydrological regime. It renders water-management services to citizens, industry, agriculture, production of hydropower and water transport. It systematically monitors the amount and environmental quality of waters and introduction of new methods for water planning and catchment areas' management.

#### Contact:

Prof. Ing. Peter Dušička, PhD.  
e-mail: peter.dusicka@stuba.sk  
phone: +421 903 240 761

### Centre of Excellence for Diagnostic Method of Materials

The centre is oriented on analytical methods using the most up-to-date knowledge from the interaction of electron and laser pencil with matter, and the top detection systems with high sensitivity, modern mechanical methods and observing electric and non-electric quantities. Methods are focused on evaluating specific characteristics of mostly progressive metallic and non-metallic materials.

#### Contact:

Assoc. prof. Ing. Ľubomír Čaplovič, PhD.  
e-mail: lubomir.caplovic@stuba.sk  
phone: +421 918 646 043

### Centre of Excellence for the Settlement Infrastructure Development of the Knowledge-Based Economy

Research activities of this centre offer tools for optimising the infrastructure of settlement and for space optimising economic activities from the

point of view of sustainability of land development and of creation of the micro-environment of humans. They are focused on harmonising settlement activities and on sustainable use of natural resources, including land space, due to systems of values, demands and possibilities of the knowledge-based society.

**Contact:**

Prof. Ing. arch. Maroš Finka, PhD.  
e-mail: maros.finka@stuba.sk  
phone: +421 905 612 465

## National Centre for Research and Application of Renewable Energy Sources

The centre focuses on spheres of renewable and permanently sustainable energy resources like bio-mass, solar and water energy. It creates favourable conditions for immediate cooperation between research and social and economic practice which will enable the effective transfer of scientific knowledge to practical life.

**Contact:**

Prof. Ing. František Janíček, PhD.  
e-mail: frantisek.janicek@stuba.sk  
phone: +421 2 6029 1298

## Centre of Excellence of Five Axis Machining

The centre is oriented on research in forming areas of 5-axis technologies (milling, lathing, ultra-sound processing). By concentrating most modern high-speed, several-axis and multi-energy technologies, the centre gained its unique character in Slovakia.

**Contact:**

Prof. Dr. Ing. Jozef Peterka  
e-mail: jozef.peterka@stuba.sk  
phone: +421 905 930 245

## Centre of Exelence for SMART Technologies, Systems and Services

Experts in this area actively co-operate with all key national and in-ternational organisations. Among others, they achieved good results in many fields, e. g. micro- and nanoelectronics, sensors, photonics (in femtosecond scale), software development, information systems, artificial intelligence, automation, cybernetics, telecommunications and computer science.

**Contact:**

Prof. Ing. Daniel Donoval, DrSc.  
e-mail: daniel.donoval@stuba.sk  
phone: +421 2 6029 1372, +421 2 6029 1358, +421 2 6542 3486

## Centre of Cooperation for Transfer of Innovative technologies from research to Practice

The centre secures implementation of research at the Slovak University of Technology, in which industrial institutions have shown interest. It concentrates intellectual potential, support, speeds up and simplifies the transfer of top technologies to industrial practice with their evaluation as well as valorisation and copyright protection.

**Contact:**

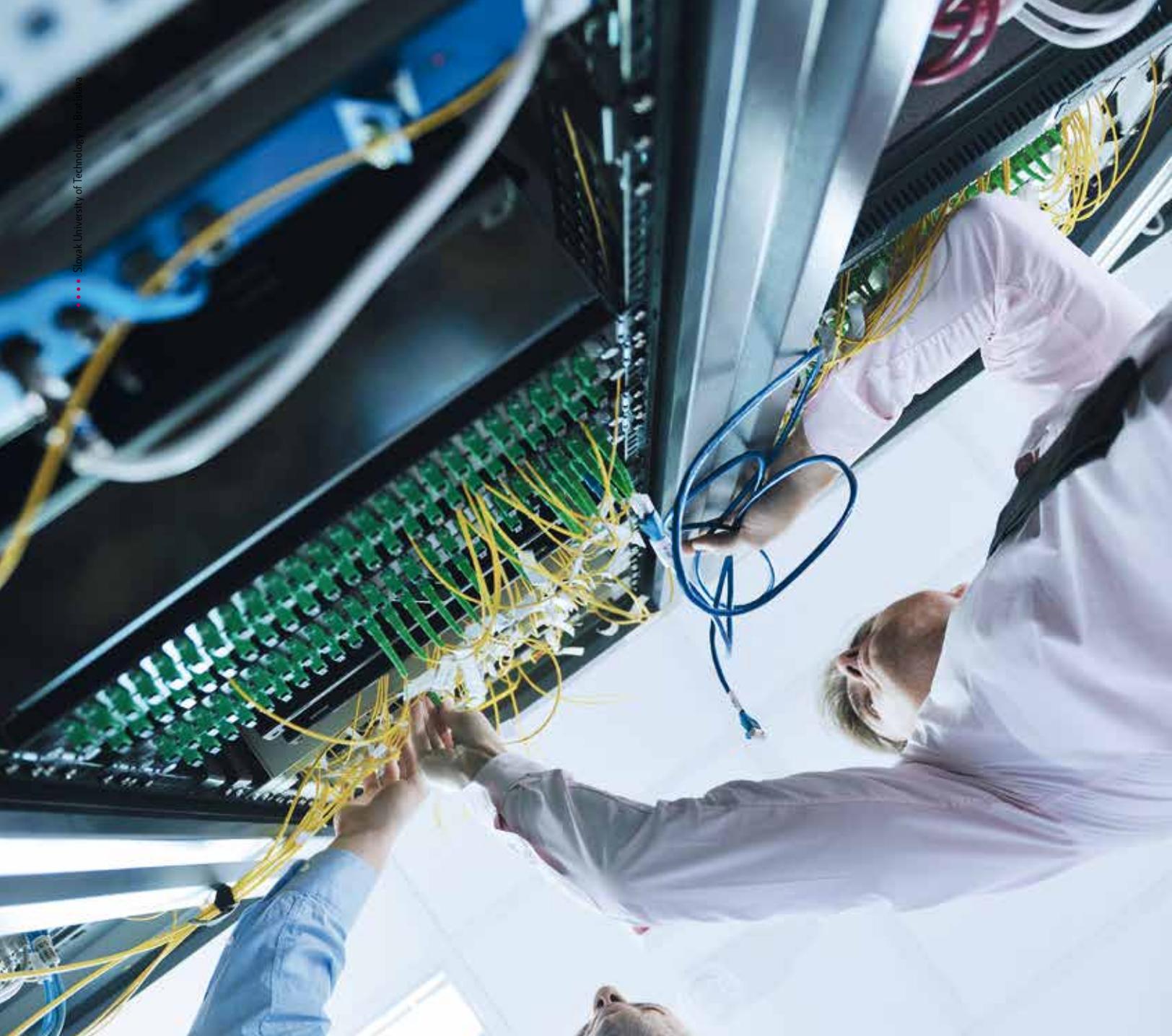
Prof. Ing. František Uherek, PhD.  
e-mail: frantisek.uherek@stuba.sk  
phone: +421 2 6029 1369, +421 2 6029 1883

## Centrum of Excellence for Industrial Bio-technology

The centre focuses on research and development of production of special bio-chemicals. The built experimental checking unit increases the level and quality of research, by introducing new devices, machines, processes and technologies on a regional as well as international level.

**Contact:**

Prof. Ing. Milan Polakovič, CSc.  
e-mail: milan.polakovic@stuba.sk  
phone: +421 918 674 254



## Cooperation with industry



For a university of technology, intense cooperation with the private sector is inevitable. By discovering unique solutions to contemporary technical issues, university enriches its research activities, accelerates transfer of knowledge, while gaining financial support for its development.

Cooperation with industry has various forms. These include tasks performed on the basis of a direct agreement or an order, but also research and innovation projects executed in cooperation with partners from industries, involvement of SMEs in solving international projects, student internships in businesses, or even support for founding small companies with ties to university environment.

## EXAMPLES OF COOPERATION

With total revenues exceeding €7 million, the Competence Centre of Intelligent Technologies For Computerisation and Informatisation of Systems and Services (INTELINSYS) is one of the best examples of STU's cooperation with real businesses. Along with the Comenius University, the International Laser Centre and the Institute of Informatics of the Slovak Academy of Sciences (IISAV), members of this consortium also include industrial producers such as Siemens, APPLIED PRECISION, NanoDesign, Prvá zvaračská, MicroStep – MIS and Centire Research.

## OUR STRATEGIC PARTNERS

Volkswagen Slovensko

PSA Peugeot Citroën Slovakia

Siemens

Slovenské elektrárne

Slovenský plynárenský priemysel

Hewlett-Packard Slovakia

Alcatel-Thales

MicroStep group

PPA Controll

VÚJE

IBM

Accenture

BEL/NOVAMANN

ISTRAN

Applied Precision

Saint-Gobain Construction Products, division Weber-Terranova

Baunit

Premac

Wienerberger – Slovenské tehelne

VKÚ

Johnson Controls International

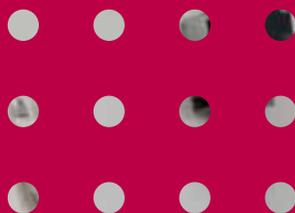
Durisol-Stav

Holcim Slovensko

and many others



# STU



## Know-How Centre

The primary mission of the centre is protecting intellectual property, and creating positive environment for technology transfer.

Know-How Centre is the contact point for commercial and industry companies interested in STU's consulting and expertise, utilising its labs, equipments, contractual research, or leasing licensed technology.

STU improves its tech-transfer services in direct cooperation with world leading ISIS Enterprise Ltd. – University of Oxford Centre for technology transfer.

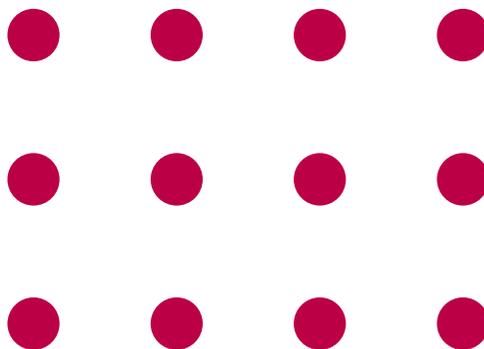
## UNIVERSITY TECHNOLOGY INCUBATOR

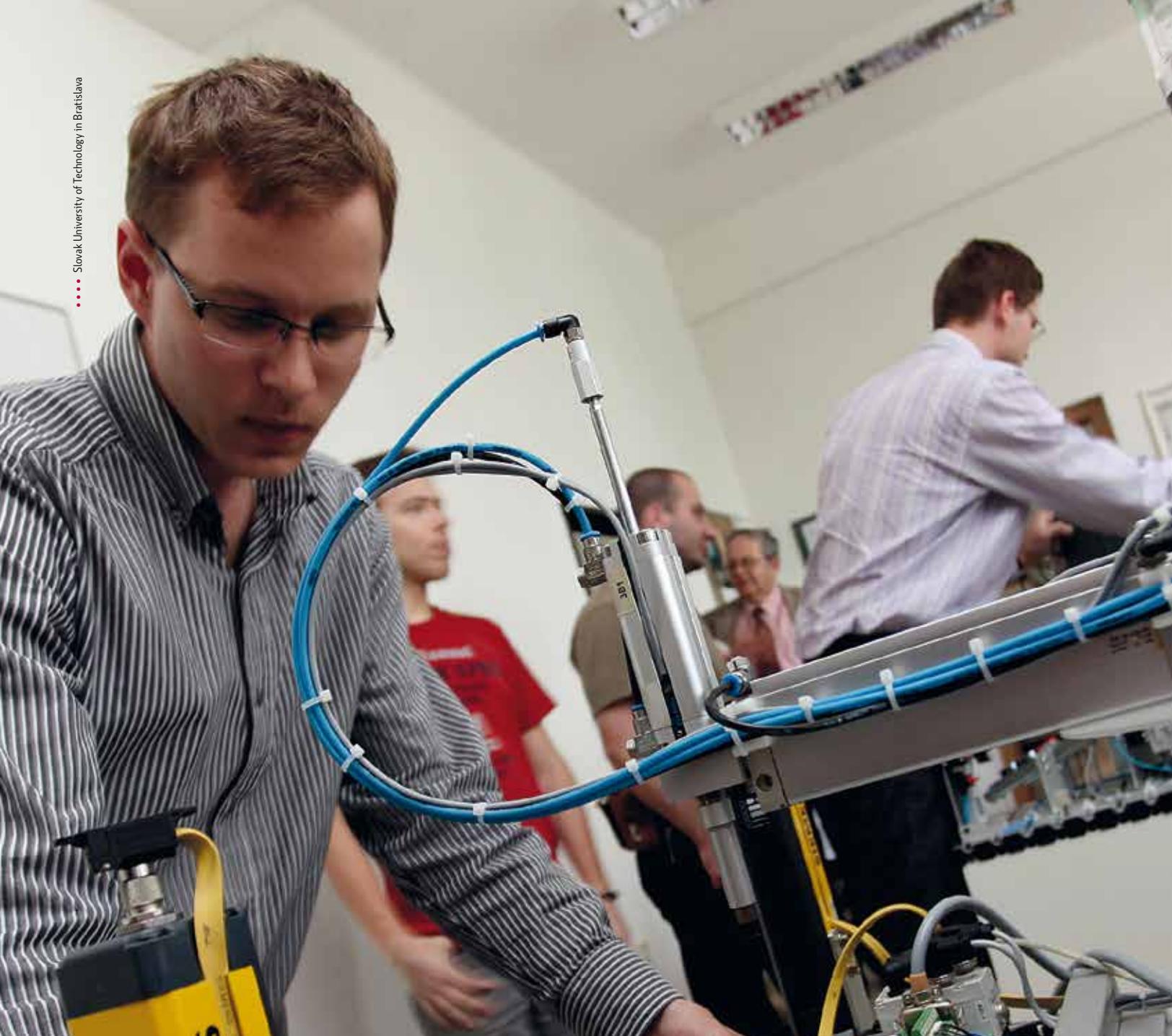
As one of few Central European universities, STU has its own technology business incubator focused on supporting small technological enterprises. It was established thanks to the support from the PHARE fund. Since 2005, the incubator has been renting premises at advantageous rates to innovative start-up companies. In addition, it offers a range of support and consulting services. So far, the incubator has supported 42 start-up companies and hundreds of individuals.

### INCUBATOR OFFERS FOLLOWING TWO PROGRAMMES:

The **Start-up Office** programme is designed for students and graduates, who plan to establish their own innovative business with focus on offering products and services in the area of technology. For 3 months, they can use an equipped office, as well as consulting in the area of setting up a business and drafting a business plan.

The **InQb Programme** is designed for those who are either planning to, or have already established their own innovative business focused on offering products and services in the area of technology. During a period of 3 years, the incubated companies can use a wide range of benefits, including technical support, consulting and marketing services.





# International Mobility



We keep long-term relations with foreign universities and institutions, and systematically reach new cooperation agreements. This way, we create conditions for cooperation between faculties, departments and individuals.

Contractual partnerships enable us to participate in international projects, which are among our university's key activities. Not only do they produce financial sources for us, but they also contribute to further development of the university, providing for mobility of the teachers, as well as postgraduate and regular students.

As of today, we have signed 433 agreements on international cooperation with 291 institutions from 49 countries from around the world.

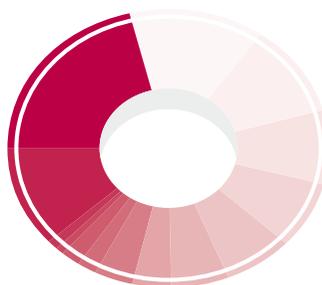
## ACADEMIC MOBILITY

Within the mobility programmes, we send our students to foreign studies or professional internships in companies abroad, which usually last from three to twelve months. They are executed within various projects of international Programmes. Since 1988, when we started participating in this programme, 1669 students travelled abroad for studies and internships of all levels. Already for several years, our students have been taking scholarships at the Kanazawa University in Japan. Also, students take work internships in Japanese companies within the Vulcanus international programme.

## MOBILITY PROGRAMMES

In the area of education, in 2014 we financed most of our projects from the Lifelong Learning Programme and CEEPUS programme. The CEEPUS programme supports exchange study stays of students and teachers in central European countries. We have also participated in European Union's extensive project entitled Lifelong Learning Programme; its goal is to support education and professional preparation. We have executed projects within the Leonardo da Vinci programmes (specialised education), Mobility (mobility of students, teachers and workers), Multilateral Programmes (innovative cooperation of universities with partners active outside of the education sector), Intensive Programmes (teaching special topics designed for multi-national groups) and Academic and Structural Networks (innovations in specific academic fields). STU also participated in the Tempus - the European Union's programme which supports the modernisation of higher education in the EU's surrounding area.

## OVERVIEW OF INTERNATIONAL PROJECTS



22	7th Framework Programme
14	INTERREG
11	LLP
9	CEEPUS
8	ERASMUS
7	TEMPUS
6	COST
4	Bilateral Cooperation
4	International Visegrad Fund
2	Central Europe
2	Slovak Aid
1	NATO
1	Horizon 2020
12	Other



## NETWORKING

The university, its faculties and employees are active in important European and international professional, educational, scientific and artistic organisations.

The international bilateral and multilateral framework agreements create conditions for cooperation between faculties, departments, institutes and individuals. Partnerships within the Lifelong Learning Programme and its Erasmus subdivision also play an important role.

As of today, STU cooperates with 433 partnership universities from around the world.



#### Slovak University of Technology in Bratislava

European Association of Universities  
European Society for Engineering Education

#### Faculty of Civil Engineering

Federation of European Heating and Air  
Conditioning Associations  
Association of European Civil Engineering Faculties

#### Faculty of Mechanical Engineering

Federation of European Materials Societies

#### Faculty of Electrical Engineering and Information

European Physical Society  
International Quantum Structures Association

#### Faculty of Architecture

Fédération Internationale d'Institut  
d'Études Médiévales

#### Faculty of Materials Science and Technology in Trnava

Internationale Gesellschaft für Ingenierpädagogik  
European Alliance of Innovation  
European Platform of Women Scientists  
European Network Education and Training in  
Occupational Safety&Health  
European Alliance of Innovation

#### Institute of Management

Network of Spatial Research and Planning Institutes  
in Central and Eastern Europe  
Akademie für Raumforschung und Landesplanung

## Our most important partners

Johannes Kepler Universität Linz, Austria  
Technische Universität Wien, Austria  
Université du Québec à Rimouski, Canada  
University of Alberta, Canada  
České vysoké učení technické, Czech Republic  
Vysoké učení technické, Czech Republic  
Universidad de Chile, Chile  
Tianjin University, China  
Universidad Nacional de Colombia, Columbia  
Universidad Central Marta Abreu de Las Villas, Cuba  
Alexandria University, Egypt  
Ecole Nationale Supérieure de Chimie de Rennes, France  
L'Université Pierre et Marie Curie, France  
Bauhaus-Universität Weimar, Germany  
Leibniz Institut für Festkörper und Werkstofforschung Dresden, Germany  
Martin Luther Universität Halle-Wittenberg, Germany  
Technische Universität Darmstadt, Germany  
Technische Universität München, Germany  
Technische Universität Ilmenau, Germany  
National and Kapodistrian University of Athens, Greece  
Budapest University of Technology and Economics, Hungary  
University of Akureyri, Island  
Università Politecnica delle Marche, Italy  
Kanazawa University, Japan  
Karaganda State Technical University, Kazakhstan  
Kumoh National Institute of Technology, Korea  
Kyrgyz State Technical University I. Razzakova, Kyrgyz Republic  
Vilnius Gediminas Technical University, Lithuania  
Universidad Politécnica de Pachuca, Mexico  
University of Technology Eindhoven, Netherlands  
Akademija Górniczo-Hutnicza imeni Stanisława Staszica, Poland  
Politechnika Warszawska, Poland  
Sankt-Peterburskyj Gosudarstvennyj Universitet, Russia  
Kalashnikov Izhevsk State Technical University, Russia  
Ufa Scientific Centre of Russian Academy of Science, Russia  
Voronezh State Technological Academy, Russia  
University of Belgrade, Serbia  
Pohang University of Science and Technology, South Korea  
Universidad Politecnica de Valencia, Spain  
KTH Kungliga Tekniska Högskolan, Sweden  
National Taiwan University of Science and Technology, Taiwan  
Kyiv Polytechnic Institute Ukraine, Ukraine  
Michigan State University in East Lansing, USA  
University of Virginia, USA  
Hanoi University of Technology, Vietnam



## Services for students



University offers extensive social support and services to our students, including three types of scholarships. Social scholarship is provided for socially disadvantaged groups to cover their living expenses; motivation scholarships are awarded to 10% of the most successful students for results achieved in the previous academic year; and special scholarships are provided for excellent achievements in research, artistic activities and sports, as well as for outstanding study results during the entire course of studies.



## STUDENT LIFE

Students use many facilities for studying as well as spending their free time.

- Well-equipped libraries and study rooms featuring over 400,000 library units,
- online access to international databases,
- modern approach to education (e-learning, distance studies, etc.),
- special workshops and labs,
- PC labs,
- free Internet access.

## STUDENT HOUSING

- 7 dormitories with a capacity for 5,900 students,
- accommodation located within 10 minutes (on foot or by public transportation) from school facilities,
- one-, two- and three-bed rooms with standard facilities (individual or shared showers), Internet access, shared kitchens,
- canteens and buffets in student dorms and faculty premises,
- basic medical care in student dorms.



## FREE TIME & LEISURE ACTIVITIES

Since its establishment in 1953, the university's artistic ensemble Technik not only provides students an opportunity to take part in cultural activities, but also represents the university nationally and abroad. It has three divisions – a folk ensemble, a choir and a chamber orchestra.

University offers many sport centres, playgrounds, gymnasium and two swimming pools. They serve for teaching process as well as for training of university top sport teams, Slávia STU and student free time activities. Students can choose from a range of sports such as volleyball, basketball, tennis, swimming, skiing, horseback riding, karate, yoga, athletics, etc.



## Other Interests



**Ynet** is a students' organisation established in December 2000 in a response to the students' growing interest in networking technologies. During its existence, it has built top-class 'active ethernet' networks with Internet access at three student dorms, with the fourth being currently modernised.

**Chemnet** is a civic association, which has been operating the academic network on the Mladá garda student dorm since 2003. It is designed for student purposes, namely studies and covering other interests in the area of IT, as well as searching for valuable scientific information.

**mc2** is a student on-line TV. It has been broadcasting from studios based at the Mladost student dorms in Mlynská Dolina since February 2009. Its programme is prepared and created by a team of some 35 university, not only STU students, offering their own take on TV broadcasting.

**IRŠ TLIS** is an abbreviation standing for One-Thousand-Bed Dormitory Building's Radio Station, meaning the Mladost student dorm. It was established over 30 years ago, spawning for example the now-defunct Ragtime radio. The station broadcasts at the Mladost dorm building, or online on [www.tlis.sk](http://www.tlis.sk).

**Omega** is a radio-club of STU students. The history of their collective radio station OM3KFF reaches back to 1953. Along with short-wavelength contests, today the club increasingly focuses also on ultra-short wavelength and microwave band contests.





Slovenská technická univerzita v Bratislave  
Vazovova 5, 812 43 Bratislava 1  
e-mail: [public@stuba.sk](mailto:public@stuba.sk)  
[www.stuba.sk](http://www.stuba.sk)