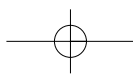
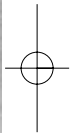
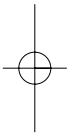
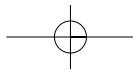
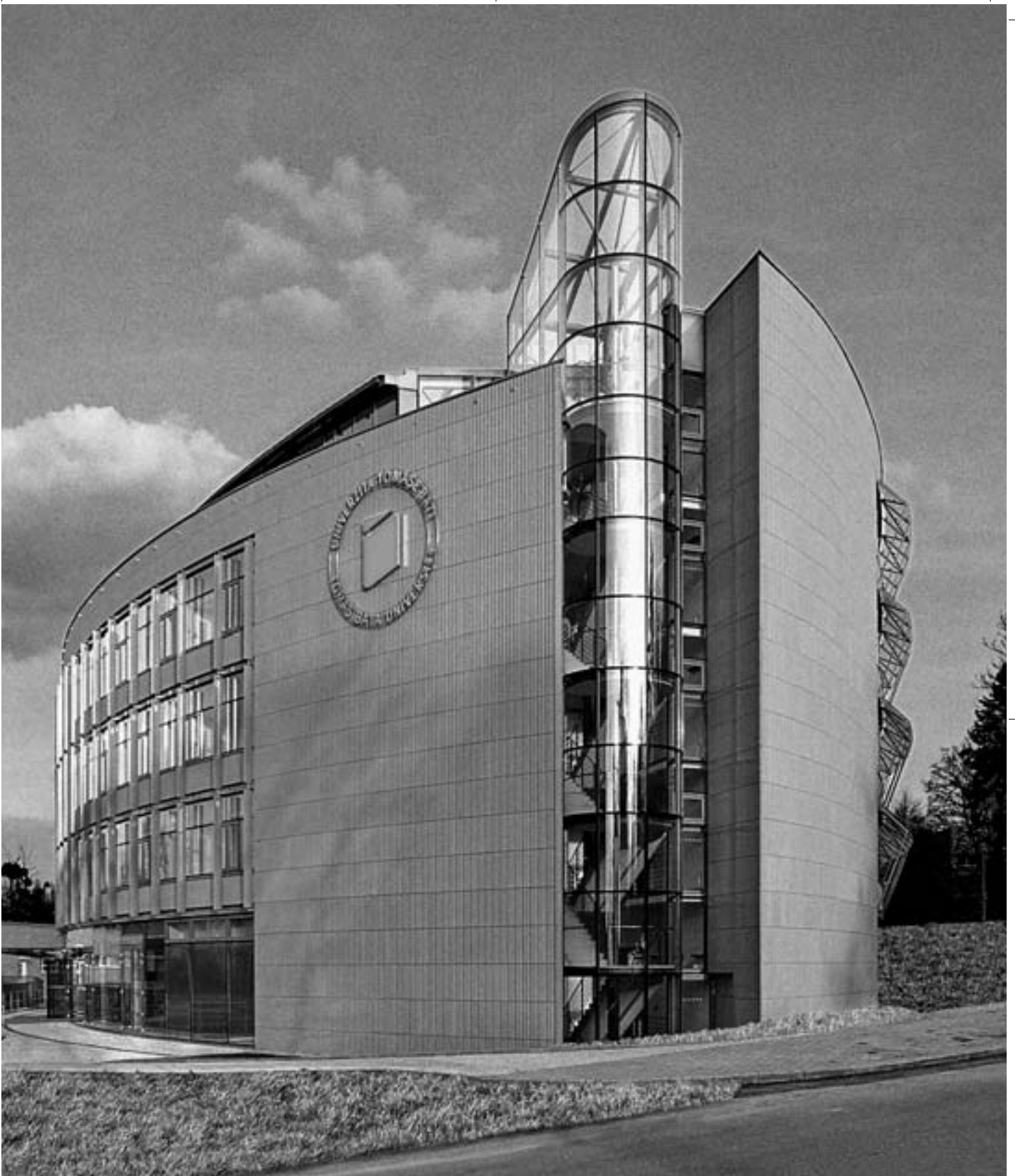


2007

Annual Report





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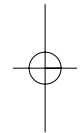
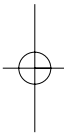
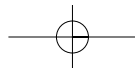
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01

introduction



This annual report presents the activities of Tomas Bata University in Zlín (TBU) in its seventh year. In the year 2007, the number of students continued to grow and the offer of study programmes was extended. Altogether there were 11,320 students registered for 41 accredited study programmes and 70 courses. TBU opened new study programmes and courses taught in English and thus continued to fulfil one of the priorities of the TBU Long-term Aims and Objectives in the sphere of internationalization. New possibilities within the Lifelong Learning arose, numerous short-term courses for companies and professionals were offered. Also the University of the Third Age is constantly expanding and new lecture cycles were started. In the year 2007, there were 1,807 students in Lifelong Learning courses, out of which 751 were students of the University of the Third Age.

The University signed 13 new international framework cooperation agreements, 67 new or renewed contracts within the Socrates/Erasmus programme, and 64 earlier bilateral contracts with foreign partners. In 2007, 650 international students from 18 countries studied at TBU, including 496 students from Slovakia.

TBU participated in a number of projects within the Development Programmes for Public Universities. The focal point was in the programme aimed at the development of modern technologies and in the programme for supporting internationalization.

Furthermore, the University succeeded in competitions for a number of scientific and research projects, projects of the Universities Development Fund and EU Structural Funds.

1.1 Names and Addresses of the University, Faculties and the Institute

Tomas Bata University in Zlín

- Shortened name: Tomas Bata University
- Abbreviation: TBU
- Address: Mostní 5139, 760 01 Zlín, Czech Republic

1.1.1 TBU Faculties and Institute

- Faculty of Technology (FT): Náměstí T. G. Masaryka 275, 762 72 Zlín, Czech Republic
- Faculty of Management and Economics (FaME): Mostní 5139, 760 01 Zlín, Czech Republic
- Faculty of Multimedia Communications (FMC): Štefánikova 2431, 760 01 Zlín, Czech Republic
- Faculty of Applied Informatics (FAI): Nad Stráněmi 4511, 760 05 Zlín, Czech Republic
- Faculty of Humanities (FHS): Náměstí T. G. Masaryka 1279, 760 01 Zlín, Czech Republic
- University Institute (UNI): Mostní 5139, 760 01 Zlín, Czech Republic

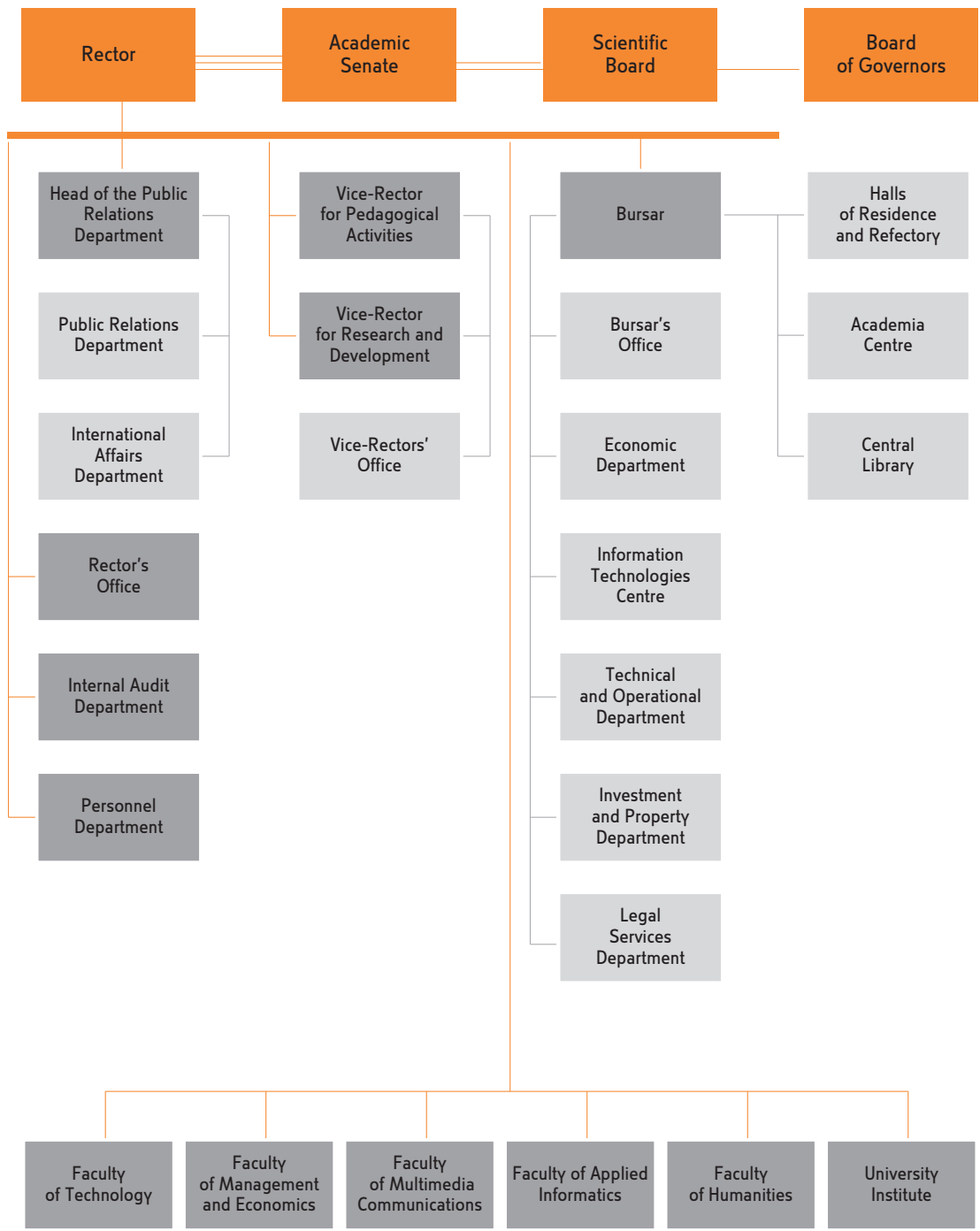
1.1.2 TBU Buildings

- U1 - Faculty of Technology (FT): Náměstí T. G. Masaryka 275, Zlín
- U2 - Rectorate, Faculty of Management and Economics (FaME), Faculty of Humanities (FHS), Congress Centre: Mostní 5139, Zlín
- U3 - University Institute (UNI): Růmy 4046, Zlín
- U4 - Faculty of Multimedia Communications (FMC), Central Library, Refectory: Štefánikova 2431, Zlín
- U5 - Faculty of Applied Informatics (FAI), FT, FHS, Department of Physical Education, Refectory: Nad Stráněmi 4511, Zlín
- U6 - Halls of Residence Antonínova: Antonínova 4379, Zlín
- U7 - Halls of Residence Štefánikova: Štefánikova 150, Zlín
- U10 - FHS, FMC, FaME: Náměstí T. G. Masaryka 1279, Zlín
- U11 - University building (in 2007 under reconstruction into the Technology Park): Nad Ovčírnou 3685, Zlín
- U12 - Halls of Residence Náměstí T. G. Masaryka: Náměstí T. G. Masaryka 3050, Zlín
- U13 - University Centre: Náměstí T. G. Masaryka 5555, Zlín

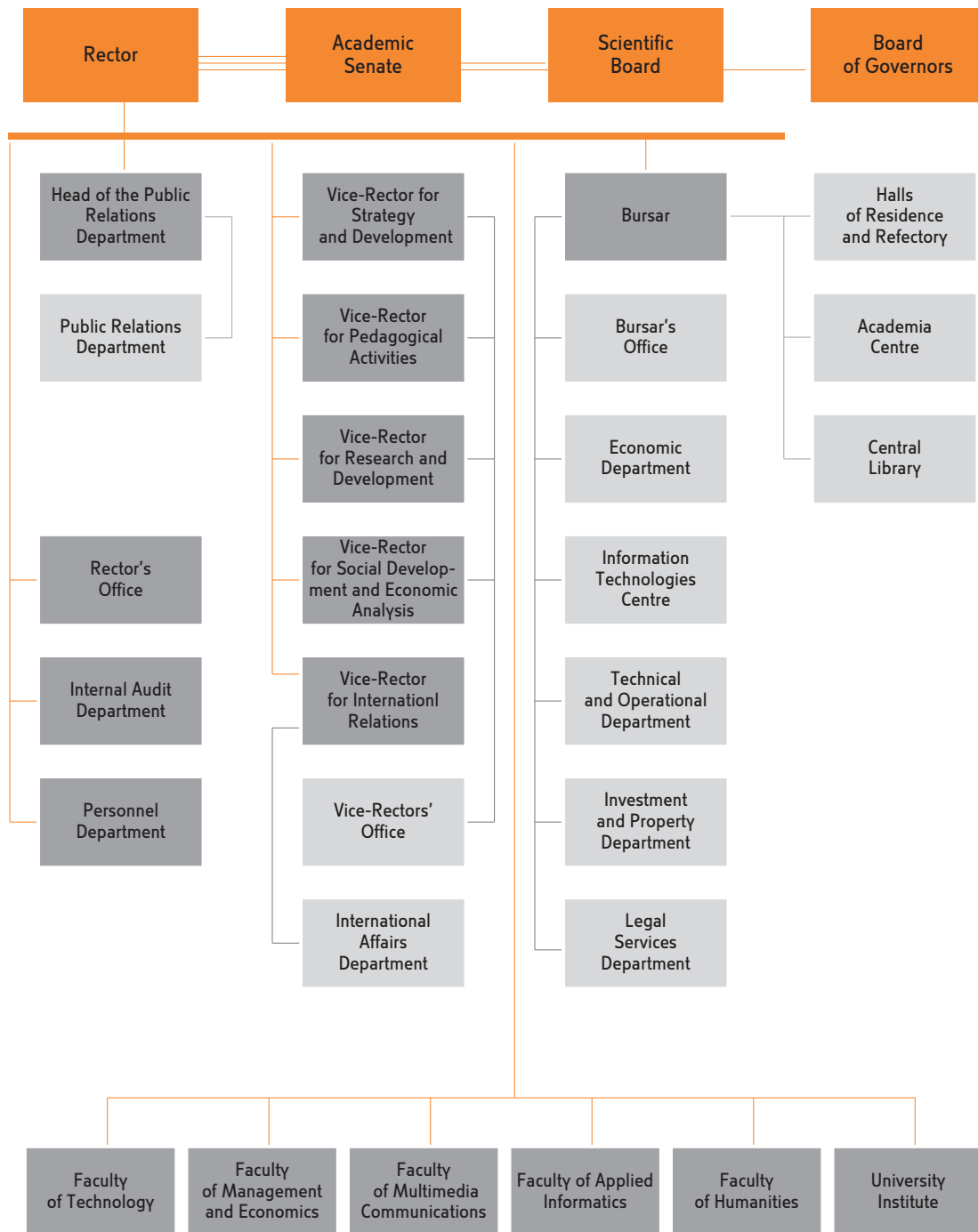
1.2 Organizational Structure

1.2.1 Structure of the University and its Components in 2007

until 31st May 2007



from 1st June 2007



1.3 TBU Bodies

1.3.1 TBU Academic Bodies

Rector

Prof. Ing. Petr SÁHA, CSc.
Prof. Ing. Ignác HOZA, CSc.

until 10. 5. 2007
from 11. 5. 2007

Academic Senate

until 6. 3. 2007

Chairperson

Ing. Alena MACHÁČKOVÁ, CSc.

Deputy Chairpersons

Ing. Zuzana DOHNALOVÁ, Ph.D.

*Deputy Chairperson; Chairperson of the Chamber
of Academic Staff*

Ing. Daniel REMEŠ

Deputy Chairperson; Chairperson of the Chamber of Students

Academic Staff Members

PhDr. Magda GREGAROVÁ
Doc. Ing. Petr HLAVÁČEK, CSc.
Ing. Bronislav CHRAMCOV, Ph.D.
Rostislav ILLÍK, MFA
Doc. Ing. Vratislav KOZÁK, Ph.D.
Mgr. Pavel KRUTIL
Ing. Marek KUBALČÍK, Ph.D.
Ing. Miroslav MATÝSEK, Ph.D.
Ing. Dobroslav NĚMEC
Doc. Dr. Ing. Vladimír PAVLÍNEK
Mgr. Štěpán PRACHAŘ
Ing. Zdenka PROKOPOVÁ, CSc.
Ing. Zdeněk RAŠKA, Ph.D.
Ing. Jan RŮŽIČKA, Ph.D.

Students

Bc. Jiří BAROŠ
Bc. Michal BLAHA
BcA. Radek HABADA
Bc. Tomáš KARLÍK
Michal PROCHÁZKA
Iveta ŽOUŽELKOVÁ

Academic Senate

from 6. 3. 2007

Chairperson

Ing. Alena MACHÁČKOVÁ, CSc.

Deputy Chairpersons

Doc. Dr. Ing. Vladimír PAVLÍNEK

*Deputy Chairperson; Chairperson
of the Chamber of Academic Staff*

Bc. Markéta ŠÍPALOVÁ

Deputy Chairperson; Chairperson of the Chamber of Students

Academic Staff Members

Doc. Mgr. Juraj FANDLI
 Ing. František GAZDOŠ, Ph.D.
 Ing. Bc. Bronislav CHRAMCOV, Ph.D.
 Ing. Mgr. Svatava KAŠPÁRKOVÁ, Ph.D.
 Doc. Ing. Vratislav KOZÁK, Ph.D.
 Mgr. Věra KOZÁKOVÁ, Ph. D.
 Mgr. Pavel KRUTIL
 Ing. et Ing. Ivo KUŘITKA, Ph.D. *from 25. 9. 2007*
 Ing. Miroslav MATÝSEK, Ph.D.
 JUDr. Pavel MAUER
 Mgr. Zdeněk MELICHÁREK
 Ing. Martin MIKESKA
 Ing. Vladimír MRKVIČKA, Ph.D. *until 30. 6. 2007*
 Ing. Dobroslav NĚMEC
 Prof. MUDr. Ladislav PILKA, DrSc.
 Mgr. Štěpán PRACHAŘ
 Ing. Zdenka PROKOPOVÁ, CSc.
 Mgr. Richard VODIČKA
 Mgr. Magda ZÁLEŠÁKOVÁ

Students

Bc. Jiří BAROŠ
 BcA. Radek HABADA
 Ing. Roman KIMMEL
 Lukáš KNEBL
 Jiří MAŇAS
 Miroslav MEZÍK
 Ivan SENČÁK
 Pavel SOUSEDÍK
 Bc. Kateřina SULOVSÁ

Scientific Board

Under Prof. Sába *until 10. 5. 2007*

Chairperson

Prof. Ing. Petr SÁHA, CSc. *Rector, Tomas Bata University in Zlín*

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Prof. Ing. Dr.h.c. Ferdinand DEVÍNSKY, DrSc. *Rector Emeritus, Comenius University, Bratislava
Faculty of Pharmacy*

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Faculty of Electrical Engineering*

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Ing. Pavel PRAVEC *Executive, Barum Continental, Otrokovice*

Doc. Ing. Josef PRŮŠA, CSc. *Rector, University of West Bohemia in Plzeň*

Prof. Ing. Oldřich PYTELA, DrSc. *Rector Emeritus, University of Pardubice*

Ing. Jiří ROSENFELD, CSc. *General Manager, Slovácké strojířny, Uh. Brod*

Prof. PhDr. Lubomír SLAVÍČEK, CSc. *Professor, Masaryk University in Brno,
Faculty of Philosophy*

Doc. PaedDr. Iva STUHLÍKOVÁ, CSc. *Vice-Dean, University of South Bohemia in České
Budějovice, Faculty of Pedagogy*

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Prof. Ing. Petr VAVŘÍN, DrSc.
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 Doc. Ing. Juraj WAGNER, Ph.D.

Deputy Minister, Ministry of Industry and Trade
Professor, Czech Technical University in Prague
Director, Academy of Sciences of the Czech Republic, Prague
Institute of Macromolecular Chemistry
Rector Emeritus, Brno University of Technology
Rector Emeritus, Brno University of Technology
Rector, Alexander Dubček University in Trenčín

Internal Members

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 Prof. Ing. Ignác HOZA, CSc.
 Doc. PhDr. Ing. Aleš GREGAR, CSc.
 Prof. Ing. Lubomír LAPČÍK, DrSc., Dr.h.c.
 Ing. Alena MACHÁČKOVÁ, CSc.
 Prof. Ing. Miroslav NEJEZCHLEBA, CSc.
 Doc. PhDr. Vnislav NOVÁČEK, CSc.
 Doc. Dr. Ing. Drahomíra PAVELKOVÁ
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 Prof. Ing. František TRNKA, CSc.
 Prof. Ing. Vladimír VAŠEK, CSc.

Vice-Dean, Faculty of Management and Economics
Professor, Faculty of Applied Informatics
Dean, Faculty of Technology
Vice-Dean, Faculty of Management and Economics
Professor, Faculty of Technology
Chairperson, TBU Academic Senate
Professor, Faculty of Management and Economics
Dean, Faculty of Management and Economics
Vice-Rector for Research and Development
Associate Professor, Faculty of Multimedia Communications
Vice-Rector for Pedagogical Activities
Dean, Faculty of Multimedia Communications
Vice-Dean, Faculty of Multimedia Communications
Dean, Faculty of Humanities
Professor, Faculty of Management and Economics
Dean, Faculty of Applied Informatics

Under Prof. Hoza

*(the proposal discussed by the Academic Senate
 on 19th June 2007)*

Chairperson

Prof. Ing. Ignác HOZA, CSc.

Rector, Tomas Bata University in Zlín

External Members

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 Prof. Ing. Vladimír KUČERA, DrSc., Dr.h.c.

Ing. Libor LÁZNIČKA, Ph.D.
 Prof. Ing. Petr LOŠŤÁK, DrSc.
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 Prof. RNDr. Milan Mareš, DrSc.

Prof. Ing. Milan MAROUNEK, DrSc.

Doc. Ing. Václav PETŘÍČEK, CSc.

Doc. Ing. Josef PRŮŠA, CSc.
 Prof. Ing. Karel RAIS, CSc., MBA
 Ing. Jiří ROSENFELD, CSc.
 Doc. PaedDr. Iva STUHLÍKOVÁ, CSc.

Doc. PhDr. Valérie TÓTHOVÁ, Ph.D., R.N.

Prof. Ing. Karel ULBRICH, DrSc.

Doc. Ing. Juraj WAGNER, Ph.D.

Professor, Institute of Chemical Technology, Prague
Dean, Brno University of Technology, Faculty of Chemistry
Professor, Czech Technical University in Prague, Faculty of
Electrical Engineering
General Manager, Executive, Barum Continental, Otrokovice
Dean, University of Pardubice, Faculty of Chemical Technology
Vice-Rector, University of Pardubice
Research Fellow, Academy of Sciences of the Czech Republic,
Prague, Institute of Information Theory and Automation
Head of Laboratory, Academy of Sciences of the Czech
Republic, Prague
Department of Animal Physiology and Genetics
General Manager, Chamber of Trade and Industry for CIS
Countries
Rector, University of West Bohemia in Plzeň
Rector, Technical University in Brno
General Manager, Slovácké strojírný, Uh. Brod
Head of the Department, University of South Bohemia in
České Budějovice, Faculty of Pedagogy
Vice-Dean, University of South Bohemia in České
Budějovice, Faculty of Health and Social Studies
Director, Academy of Sciences of the Czech Republic,
Prague, Institute of Macromolecular Chemistry
Rector, Alexander Dubček University in Trenčín

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 Doc. RNDr. Vojtěch KŘESÁLEK, CSc.
 Doc. Ing. Anežka LENGÁLOVÁ, Ph.D.
 Ing. Alena MACHÁČKOVÁ, CSc.
 Doc. PhDr. Vnislav NOVÁČEK, CSc.
 Doc. Ing. Lubomír ODEHNAL, CSc.
 Doc. Dr. Ing. Drahomíra PAVELKOVÁ
 Doc. Dr. Ing. Vladimír PAVLÍNEK
 Prof. Ing. Roman PROKOP, CSc.
 Prof. Ing. Petr SÁHA, CSc.
 Doc. Ing. Jaroslav SVĚTLÍK, Ph.D.
 Prof. Pavel ŠKARKA, MFA
 Prof. PhDr. Vlastimil ŠVEC, CSc.
 Prof. Ing. Vladimír VAŠEK, CSc.

Professor, Faculty of Applied Informatics
Vice-Dean, Faculty of Management and Economics
Dean, Faculty of Technology
Vice-Rector for International Relations
Vice-Dean, Faculty of Humanities
Chairperson, TBU Academic Senate
Dean, Faculty of Management and Economics
Vice-Rector for Social Development and Economic Analysis
Vice-Rector for Research and Development
Associate Professor, Faculty of Technology
Vice-Rector for Pedagogical Activities
Vice-Rector for Strategy and Development
Dean, Faculty of Multimedia Communications
Vice-Dean, Faculty of Multimedia Communications
Dean, Faculty of Humanities
Dean, Faculty of Applied Informatics

Permanent Guests

Doc. Ing. Roman BOBÁK, Ph.D.
 Mgr. Štefan CHUDÝ, Ph.D.
 Prof. Ing. Antonín KLÁSEK, DrSc.
 Ing. Radomila SOUKALOVÁ, Ph.D.
 Doc. Ing. Ivan ZELINKA, Ph.D.

Vice-Dean, Faculty of Management and Economics
Vice-Dean, Faculty of Humanities
Vice-Dean, Faculty of Technology
Vice-Dean, Faculty of Humanities
Vice-Dean, Faculty of Applied Informatics

1.3.2 Other TBU Bodies

Bursar

RNDr. Alexander ČERNÝ

Board of Governors

Chairperson

Tomáš BAŤA, Dr.h.c.

Bata Ltd, Toronto, Canada

Deputy Chairpersons

Ing. Michaela ŠOJDROVÁ
 Libor LUKÁŠ

Member of Parliament, Parliament of the Czech Republic
Governor, Zlín Region

Members

PaedDr. Alena GAJDŮŠKOVÁ
 Ing. Eduard JANOTA

Senator, Parliament of the Czech Republic
Deputy Minister of Finance, Ministry of Finance, Czech Republic

Ing. Josef KUBÍČEK
 PhDr. Irena ONDROVÁ
 Mgr. Václav PÍCL

Bursar, Charles University in Prague
Mayor, Statutory town of Zlín
Deputy Chairperson of the Czech and Moravian Trade Union of Workers in Education

Doc. Ing. Jiří VOLF, CSc.

Deputy Minister of Finance, Ministry of Finance, Czech Republic

Secretary to the Board

Ing. Andrea KADLČÍKOVÁ

Head of the Public Relations Department, TBU

1.3.3 TBU Advisory Bodies

TBU Management

until 31. 5. 2007

Rector

Prof. Ing. Petr SÁHA, CSc.

(until 10. 5. 2007)

Prof. Ing. Ignác HOZA, CSc.

(from 11. 5. 2007)

Vice-Rectors

Prof. Ing. Roman PROKOP, CSc.

Vice-Rector for Pedagogical Activities, Statutory Deputy

Doc. Dr. Ing. Drahomíra PAVELKOVÁ

Vice-Rector for Research and Development

Bursar

RNDr. Alexander ČERNÝ

Chairperson of the Academic Senate

Ing. Alena MACHÁČKOVÁ, CSc.

Faculty Deans

Prof. Ing. Ignác HOZA, CSc.

Faculty of Technology (until 10. 5. 2007)

Prof. RNDr. Jiří DOSTÁL, CSc.

Faculty of Technology (from 14. 5. 2007 Interim Dean)

Doc. PhDr. Vnislav NOVÁČEK, CSc.

Faculty of Management and Economics

Doc. Ing. Jaroslav SVĚTLÍK, Ph. D.

Faculty of Multimedia Communications

Prof. Ing. Vladimír VAŠEK, CSc.

Faculty of Applied Informatics

Ing. Jitka CHUDAROVÁ

Faculty of Humanities (until 31. 3. 2007 Interim Dean)

Prof. PhDr. Vlastimil ŠVEC, CSc.

Faculty of Humanities (from 1. 4. 2007)

Head of the University Institute

Ing. Jindřiška ONDRÁČKOVÁ

Head of the Public Relations Department

Ing. Andrea KADLČÍKOVÁ

Head of the Personnel Department

Ing. Renata BARTOŠOVÁ

TBU Management

from 1. 6. 2007

Rector

Prof. Ing. Ignác HOZA, CSc.

Vice-Rectors

Prof. Ing. Petr SÁHA, CSc.

Vice-Rector for Strategy and Development, Statutory Deputy

Prof. Ing. Roman PROKOP, CSc.

Vice-Rector for Pedagogical Activities

Doc. Dr. Ing. Drahomíra PAVELKOVÁ

Vice-Rector for Research and Development

Doc. RNDr. Vojtěch KŘESÁLEK, CSc.

Vice-Rector for International Relations

Doc. Ing. Lubomír ODEHNAL, CSc.

Vice-Rector for Social Matters and Economic Analysis

Bursar

RNDr. Alexander ČERNÝ

Head of the Public Relations Department

Ing. Andrea KADLČÍKOVÁ

Rector's Advisory Council*until 31. 5. 2007***Rector**

Prof. Ing. Petr SÁHA, CSc.
 Prof. Ing. Ignác HOZA, CSc.

(until 10. 5. 2007)
(from 11. 5. 2007)

Bursar

RNDr. Alexander ČERNÝ

Vice-Rectors

Prof. Ing. Roman PROKOP, CSc.
 Doc. Dr. Ing. Drahomíra PAVELKOVÁ

Vice-Rector for Pedagogical Activities, Statutory Deputy
Vice-Rector for Research and Development

Chairperson of the Academic Senate

Ing. Alena MACHÁČKOVÁ, CSc.

Faculty Deans

Prof. Ing. Ignác HOZA, CSc.
 Prof. RNDr. Jiří DOSTÁL, CSc.
 Doc. PhDr. Vnislav NOVÁČEK, CSc.
 Doc. Ing. Jaroslav SVĚTLÍK, Ph. D.
 Prof. Ing. Vladimír VAŠEK, CSc.
 Ing. Jitka CHUDAROVÁ
 Prof. PhDr. Vlastimil ŠVEC, CSc.

Faculty of Technology (until 10. 5. 2006)
Faculty of Technology (from 14. 5. 2007 Interim Dean)
Faculty of Management and Economics
Faculty of Multimedia Communications
Faculty of Applied Informatics
Faculty of Humanities (until 31. 3. 2007 Interim Dean)
Faculty of Humanities (from 1. 4. 2007)

Head of the University Institute

Ing. Jindřiška ONDRÁČKOVÁ

Head of the Public Relations Department

Ing. Andrea KADLČÍKOVÁ

Head of the Personnel Department

Ing. Renata BARTOŠOVÁ

Chairperson of the Student Chamber of the Academic Senate

Ing. Daniel REMEŠ
 Bc. Markéta ŠÍPALOVÁ

until 6. 3. 2007
from 6. 3. 2007

Rector's Advisory Council*from 1. 6. 2007***Rector**

Prof. Ing. Ignác HOZA, CSc.

Bursar

RNDr. Alexander ČERNÝ

Vice-Rectors

Prof. Ing. Petr SÁHA, CSc.
 Prof. Ing. Roman PROKOP, CSc.
 Doc. Dr. Ing. Drahomíra PAVELKOVÁ
 Doc. RNDr. Vojtěch KŘESÁLEK, CSc.
 Doc. Ing. Lubomír ODEHNAL, CSc.

Vice-Rector for Strategy and Development, Statutory Deputy
Vice-Rector for Pedagogical Activities
Vice-Rector for Research and Development
Vice-Rector for International Relations
Vice-Rector for Social Matters and Economic Analysis

Chairperson of the Academic Senate

Ing. Alena MACHÁČKOVÁ, CSc.

Faculty Deans

Prof. RNDr. Jiří DOSTÁL, CSc.
 Doc. Ing. Petr HLAVÁČEK, CSc.
 Doc. PhDr. Vnislav NOVÁČEK, CSc.
 Doc. Ing. Jaroslav SVĚTLÍK, Ph. D.
 Prof. Ing. Vladimír VAŠEK, CSc.
 Prof. PhDr. Vlastimil ŠVEC, CSc.

Faculty of Technology (until 30. 6. 2007 Interim Dean)
Faculty of Technology (from 1. 7. 2007)
Faculty of Management and Economics
Faculty of Multimedia Communications
Faculty of Applied Informatics
Faculty of Humanities

Head of the University Institute

Ing. Jindřiška ONDRÁČKOVÁ

Head of the Public Relations Department

Ing. Andrea KADLČÍKOVÁ

Head of the Personnel Department

Ing. Renata BARTOŠOVÁ

Chairperson of the Student Chamber of the Academic Senate

Bc. Markéta ŠÍPALOVÁ

1.4

TBU's Membership in Czech Universities Bodies, and International and Vocational Organizations

TBU's membership in university associations, international and vocational organizations

table 1

organization	country	status
Czech Rectors Conference	Czech Republic	Prof. Ing. Petr Sába CSc., Rector Chairperson (until 10. 5. 2007) Prof. Ing. Ignác Hoza, CSc., Rector member (from 11. 5. 2007)
Czech Universities Council	Czech Republic	Ing. Alena Macháčková, CSc. - representative in the Board Doc. PhDr. Ing. Aleš Gregar, CSc. - representative in the Senate Ing. Radoslav Štefánek - representative in the Chamber of Students
European University Association (EUA)	Belgium	TBU - member
Magna Charta Universitatum	Italy	TBU - member
Danube Rectors' Conference (DRC) - University of Zagreb	Croatia	TBU - member
Association for the Development of the Zlín Region	Czech Republic	TBU - member
International Study Association for Teachers and Teaching (ISATT)	USA	Prof. PhDr. Vlastimil Švec, CSc. - national representative of the Czech Republic

Membership of TBU Academic Workers in Professional Organizations:

Faculty of Technology (FT)

- The Polymer Processing Society (PPS)
- Society of Plastics Engineers (SPE)
- American Physical Society
- International Society of Heterocyclic Chemistry
- American Chemical Society (ACS)
- The Society of Rheology
- European Photochemical Society (EPS)
- American Association for Advancement of Science (AAAS)
- Institute of Electrical and Electronics Engineers (IEEE)
- International Institute of Acoustics and Vibrations (IIAV)
- United National Industrial Development Organization (UNIDO)
- European Union of Research Institutes for Shoes (EURIS)
- International Association of Shoe Industry Technicians (UITIC - Union Internationale des Techniciens de l'Industrie de la Chaussure)
- Archaeological Leather Group (ALG)
- The Honourable Cordwainers' Company (HCC)
- American Diabetes Association (ADA)
- International Society of Heterocyclic Chemistry (ISHC)
- Gesellschaft Deutscher Chemiker
- Internationals Astronautica Academia
- Czech Chemical Society
- Czech Society for Biochemistry and Molecular Biology
- International Society for Prosthetics and Orthotics, Czech branch (ISPO ČR)
- Czech Footwear and Leather Association (ČOKA)
- Czech Anthropological Society
- Federation of Orthopaedic Prostheticians in Technical Fields (FOPTO)
- Czech Podiatry Association (ČPS)
- Czechoslovak Society for Microbiology
- Czech Biotechnological Society
- Czech Clay Group
- Czech Hydrogeologists' Association
- Czech Accreditation Institute (ČIA), member of technical committee for sensory analysis
- Czech Technology Society for Food (ČTP)
- Association for Blasting Technology and Pyrotechnics (STTP)

Faculty of Management and Economics (FaME)

- Society for Competitive Intelligence Professionals (SCIP)
- Society of Plastic Engineers (SPE)
- Strategic Management Society
- European Association for Security (EAS)
- International Association for Technology Management (IATM)
- Organisation for Economic Co-operation and Development (OECD)
- The Competitiveness Institute
- International Network for Economic Research (INFER)
- European Network of Academic Sport Services (ENAS)
- Czech Statistic Society
- Czech Society for Geography
- Czech Demographic Society
- Czech Marketing Society
- Czech Society for Systemic Integration
- Association for Regionalistics and Public Administration
- Czech Association for University Sport (ČAUS)
- Czechoslovak TeX Users Group

- Regional Volleyball Association ČSTV (KVS)
- Regional Club of the Czech Marketing Society in Zlín
- Accreditation Committee of the Ministry of Internal Affairs of the Czech Republic

Faculty of Multimedia Communications (FMC)

- Society for Intercultural Education, Training and Research United Kingdom (SIETAR UK)
- Tuesday Business Network, Prague
- Czech Masaryk Sociological Society
- Association of Czech Cinematographers (AČK)
- Association of Organizers of Trade Fairs in the Czech Republic (SOVA ČR)
- Union of Visual Artists of the Czech Republic
- Czech Syndicate of Journalists
- Bernhardt cluster (associates companies and organizations to support Czech clothing industry)

Faculty of Applied Informatics (FAI)

- American Leather Chemists Association (ALCA)
- IUE (International United Environmental) Commission of the World Leather Association
- European Federation of Biotechnology (EFB)
- International Federation of Automatic Control (IFAC)
- Manufacturing Enterprise Solutions Association (MESA)
- Danube-Adria Association for Automation and Manufacturing (DAAAM)
- Association for Computing Machinery
- European Robotics Network (EURON)
- Czech Chemical Society
- Czech Society for Chemical Engineering
- National Committee of Danube-Adria Association for Automation, Measurement and Metrology
- Centre for Nanotechnologies and Materials for Nanoelectronics, Czech Academy of Sciences
- Czech Society for New Materials and Technologies
- Union of Czech Mathematicians and Physicians
- Czech Committee for Automation

Faculty of Humanities (FHS)

- The European Society for the Study of English (ESSE)
- Czech Association for the Study of English (CZASE)
- International Study Association on Teachers and Teaching
- European Association for Security (EAS)
- European Association for American Studies (EAAS)
- The Central and Eastern European Teachers of English - Internet forum (CETEFL)
- Czech Association for Pedagogical Research
- Czech Pedagogical Society
- Czech and Slovak Association for American Studies
- Chamber of Court Appointed Interpreters and Translators of the Czech Republic
- International work group for first aid and psychological support for the Czech Republic, Czech Red Cross Office (ČČK)
- National Czech and Slovakia Group for Penal Law (AIDP)
- Internet and Companies Security

1.5 The Ratio of Women in the TBU Academic Bodies

In the year 2007, in relation to the elections of the new TBU Academic Senate and the new Rector, there occurred several significant changes in the composition of the University's academic bodies. Since 1st June 2007 there have been 22 women out of the total number of 98 members of the TBU academic bodies, which makes 22%.

1.5.1 TBU Academic Bodies

Academic Senate

- 6 women out of 30 members (20%)

Scientific Board

- 5 women out of 33 members (15 %)

1.5.2 Other TBU Bodies

Board of Governors

- 3 women out of 9 members (33%)

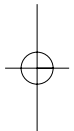
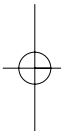
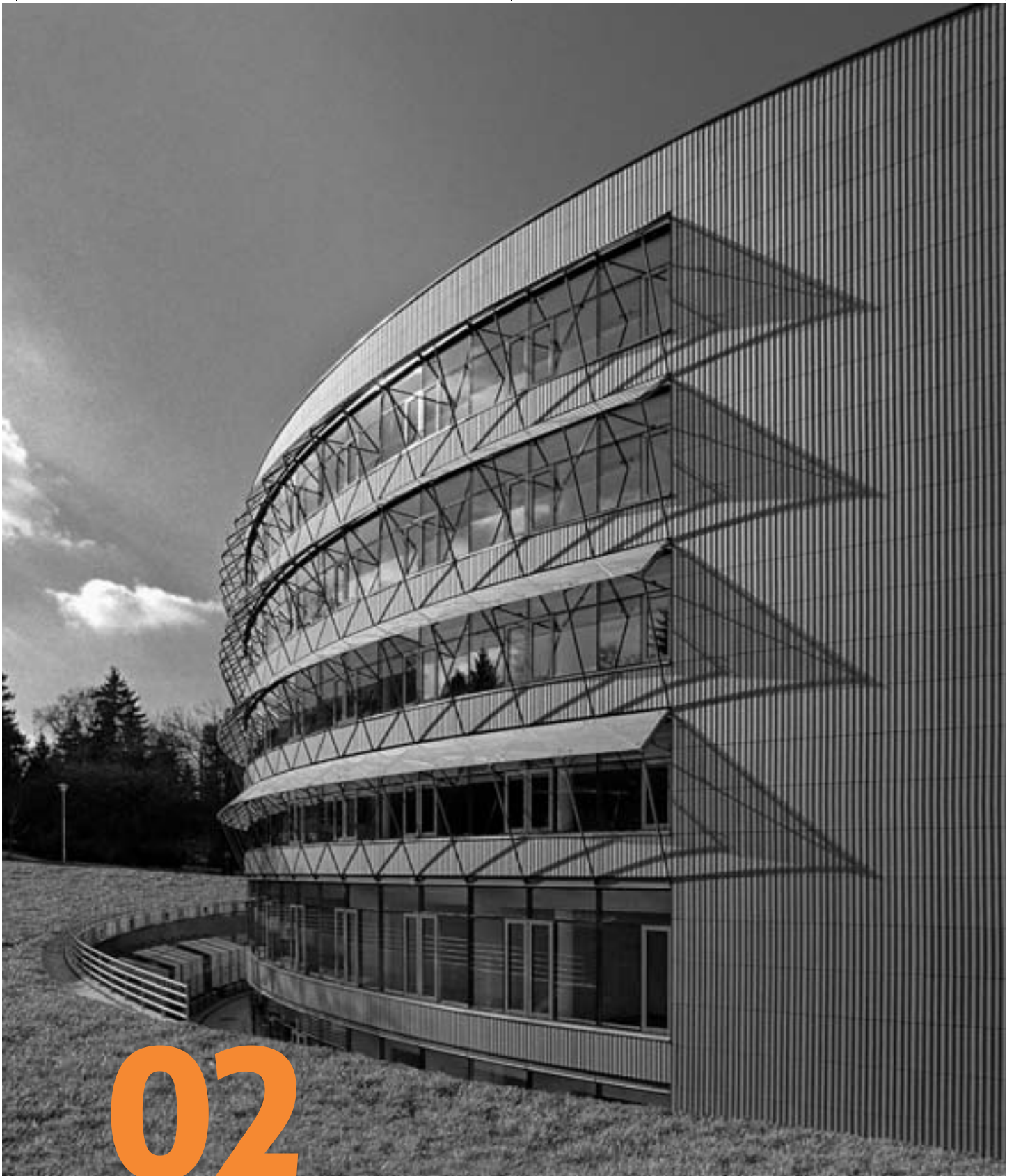
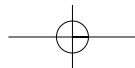
1.5.3 TBU Advisory Bodies

TBU Management

- 2 women out of 8 members (25 %)

Rector's Advisory Council

- 6 women out of 18 members (33 %)



02

quality and excellence
of academic activities



2.1 Management and Integration of TBU

The long-term strategy of TBU development stems from the policy for development of university education in Europe, which is specified in the Bologna Declaration. For the successful realization of the idea to establish a European space for university education it is necessary to create and implement the system of managing and ensuring the quality of education. Of equal importance is strengthening the dialogue between the University and employers and thus creating the conditions for improving graduates' chances of getting a job. The TBU management formulated priorities in the spheres of management and integration, which include further professionalization of managerial, administrative and organizational activities, and finding an optimal ratio of decentralization and integration amongst the individual TBU components. Cooperation with universities on national and international level and steps to ensure the University's qualities continue to be accentuated.

2.2 Approach to Education, Permeability, Lifelong Education

Overview of accredited study programmes at TBU

table 2a

course group	study programmes								total
	bachelor		master		follow-up master		Ph.D.		
	F	C	F	C	F	C	F	C	
Natural Sciences									
Technical Sciences	6	4	1	1	6	2	8	8	36
Agricult., Forestry and Veter. Studies									
Health Care, Medical, and Pharm. Studies	1								1
Social Sciences and Services	3	1			1	1			6
Economics	2	2	1	1	3	2	4	4	19
Law and Public Administration									
Pedagogy and Social Care	1	1			1	1			4
Psychological Sciences									
Culture and Art Studies	1	1			1	1			4
total	14	9	2	2	12	7	12	12	70

Note: F - full-time studies, C - combined studies

In the year 2007, TBU ran full-time and combined bachelor, master and Ph.D. programmes in technical sciences, humanities, economics, pedagogy, fine arts, and health care. Altogether, there were 70 study courses in 41 accredited study programmes. All programmes were accredited or re-accredited in agreement with the Bologna Declaration, i.e. as a follow-up two- or three-level study for bachelor, master, or doctoral degree (3 + 2 + 3).

Overview of lifelong learning courses at TBU

table 2b

course group	vocational courses			hobby courses			U3V	total
	up to 15 lessons	up to 100 lessons	more	up to 15 lessons	up to 100 lessons	more		
Natural Sciences		1					2	3
Technical Sciences		7	1		1		2	11
Agricult., Forestry and Veter. Studies								
Health Care, Medical, and Pharm. Studies		1					1	2
Social Sciences and Services	1	20	1				6	28
Economics		1	6					7
Law and Public Administration							1	1
Pedagogy and Social Care		1	2					3
Psychological Sciences								
Culture and Art Studies							4	4
total	1	31	10	1	1	1	16	59

Note: U3V - University of the Third Age

Overview of numbers of lifelong learning students at TBU

table 2c

course group	vocational courses			hobby courses			U3V	total
	up to 15 lessons	up to 100 lessons	more	up to 15 lessons	up to 100 lessons	more		
Natural Sciences		43					47	90
Technical Sciences		70	42		17		309	438
Agricult., Forestry and Veter. Studies								
Health Care, Medical, and Pharm. Studies		37					54	91
Social Sciences and Services	4	436	76				177	693
Economics		23	51					74
Law and Public Administration							26	26
Pedagogy and Social Care		162	95					257
Psychological Sciences								
Culture and Art Studies							138	138
total	4	771	264		17		751	1,807

Note: U3V - University of the Third Age

2.2.1 Lifelong Learning Programmes

To widen the offer of courses at TBU, lifelong learning courses were again run at the Faculty of Management and Economics in 2007 in accredited bachelor and master programmes Economics and Management and Economic Policy and Administration. Another course run within Lifelong Learning was "Supplementary Economic and Managerial Studies for Graduates from Bachelor Programmes in Other Disciplines than Economics, Business and Management", which opens up the possibility to study in a full-time or combined follow-up master programme also to graduates from other than faculties of economics, business and management.

The Faculty of Applied Informatics offered a certified course "Extending Teaching Qualifications - Information Technologies" for qualified teachers who wish to become qualified to teach informatics (the offer was expanded to non-pedagogical applicants who do not work in the educational system). Professionals in technical sphere and in economics and students from all universities had an opportunity to gain pedagogical qualifications for teaching specialized subjects in the course "Supplementary Pedagogical Studies for Teachers of Specialized Subjects". Another course offered by the Faculty was "A to Z of Digital Photography".

The Faculty of Humanities provided the possibility to obtain a professional, internationally recognised language certificate City&Guilds. The faculty also offered language courses, special studies in selected subjects of the accredited programme Social Pedagogy, and within the ESF project a course "Special preparation of supervisors of students in General Nursing and Midwifery during their practical internship".

Applicants to Czech universities wishing to study in the Czech language and people interested in obtaining the certificate "Czech language for international students" could attend the TBU intensive language study "Course in Czech Language".

From January to June 2007, teaching of foreign languages for full-time students (apart from the compulsory courses) continued with the aim to improve their language knowledge and abilities to use this knowledge in practice and to communicate readily in a foreign language. Teaching of Chinese continued from October 2007 and it was opened also to the public.

As a part of lifelong learning education, TBU ran a number of short-term courses for companies and professional public, such as courses in plastics processing and machinery technologies at the Faculty of Technology.

2.2.2 University of the Third Age

As a part of lifelong learning, TBU offers programmes of the University of the Third Age (U3V) for senior citizens. Teaching in the U3V programmes has been in progress at TBU since 2002 and it is continuously expanding. The study has a form of two-year cycles consisting of lectures on various subjects. In 2007, the following study cycles were taught: Social Sciences, Fine Arts, Practical Computers Skills, Media and Communications, Astronomy, Introduction to the Civil and Medical Laws, Health and Psyche, and Literature and Music. In October 2007, new lecture cycles were started: Healthy Man, Healthy Food, Healthy Planet, Archaeology and Ethnology, Internet and Information Media, and Man and Society. Teaching for senior citizens is also carried out at the remote facilities in Vsetín and Kroměříž. The interest in studying at the U3V grew again; in the year 2007 there were 751 students.

2.3 Interest in Studying at TBU

Applicants' interest in studying at TBU

table 3

course group	number of				
	applications received ¹⁾	applicants ²⁾	accepted ³⁾	newly accepted ⁴⁾	registered ⁵⁾
Natural Sciences					
Technical Sciences	2,817	2,158	2,068	2,068	1,622
Agricult., Forestry and Veter. Studies					
Health Care, Medical, and Pharm. Studies	406	315	133	133	94
Social Sciences and Services	1,621	1,360	516	516	422
Economics	3,921	3,168	2,146	2,146	1,640
Law and Public Administration					
Pedagogy and Social Care	3,361	2,840	1,329	1,329	1,136
Psychological Sciences					
Culture and Art Studies	851	714	247	247	229
total	12,977	10,555	6,439	6,439	5,143

- 1) Total number of applications received by the University.
- 2) Number of applicants who participated in the admission proceedings.
- 3) Total number of applications responded to positively.
- 4) Number of accepted applicants. The figure expresses the number of individuals; the course groups totals include the applicants accepted to more than one course.
- 5) Number of accepted students who actually registered to start their studies.

In 2007, TBU had 12,977 applicants. After the admission proceedings, 5,143 applicants, i.e. 40%, were accepted and enrolled for study. The applicants' interest in individual study courses varies. The ratio of accepted students against received applications at the individual University components is 23 to 60%.

The University pays great attention to attracting quality applicants. Significant activities carried out to achieve this aim include direct contacts with a wide range of secondary schools and regular Open Door Days, as well as TBU's participation in the European Fair of Higher and Lifelong Learning Gaudeamus 2007, which was held at the end of October and beginning of November 2007 in Brno. TBU attended this fair for the seventh time as an autonomous university. The participation at this fair was assessed as a significant contribution to students' awareness and to attracting a number of applicants. TBU participated, for the second time, in the fair of higher education in Slovakia, Akadémia.

2.4 Students in Accredited Study Programmes

Overview of numbers of students in accredited study programmes at TBU as of 31st October 2007

table 4

course group	bachelor								total
	bachelor		master		follow-up master		Ph.D.		
	F	C	F	C	F	C	F	C	
Natural Sciences									
Technical Sciences	1,694	577	1		579	210	89	135	3,285
Agricult., Forestry and Veter. Studies									
Health Care, Medical, and Pharm. Studies	270								270
Social Sciences and Services	508	177			80	118			883
Economics	1,806	685			489	643	49	112	3,784
Law and Public Administration									
Pedagogy and Social Care	322	1,541			60	608			2,531
Psychological Sciences									
Culture and Art Studies	372	81			96	18			567
total	4,972	3,061	1		1,304	1,597	138	247	11,320

In the academic year 2007/08, a total of 11,320 students registered in full-time and combined forms of studies in individual study programmes of the five faculties. There were 3,285 students in technical courses, 3,784 students in economics, 883 students in social sciences, 2,531 students in pedagogical sciences, 567 students in fine arts and 270 students in health care. There were altogether 8,033 students in bachelor courses, 2,902 students in master courses, and 385 students in Ph.D. courses.

2.5 TBU Graduates

Overview of numbers of graduates from accredited study programmes at TBU from 1st January to 31st December 2007

table 5

course group	graduates from study programmes								total
	bachelor		master		follow-up master		Ph.D.		
	F	C	F	C	F	C	F	C	
Natural Sciences									
Technical Sciences	281	64	2		210	46	8	19	630
Agricult., Forestry and Veter. Studies									
Health Care, Medical, and Pharm. Studies	51								51
Social Sciences and Services	61	41			39	60			201
Economics	362	161			203	235		4	965
Law and Public Administration									
Pedagogy and Social Care	116	466							582
Psychological Sciences									
Culture and Art Studies	74	19			25				118
total	945	751	2	0	477	341	8	23	2,547

2.5.1 Graduates' Success in the Labour Market

Every university is trying to teach its students - graduates, among other things, how to come through in the competitive environment of the labour market, and how to find an appropriate job position.

The TBU management closely follows its graduates' success.

In December 2007, a project of the Universities Development Fund was completed under the title "TBU Graduates' success in practice", which included a survey of graduates' success. The survey showed a clear answer: 89% of employers, on the basis of their own experience, are still willing to employ TBU graduates. 53 % of the graduates find a job in their field of study.

A modern Pedagogical and Psychological Advisory Centre is being set up at TBU, whose qualified specialists will provide professional consultancy services to TBU graduates.

The data from the statistics of the employment office and the Czech Ministry of Labour and Social Affairs is regularly evaluated. The graduates can benefit from the TBU "Alumni Portal", which enables them a continuous contact with their University.

2.6 Unsuccessful Students at TBU

Overview of numbers of unsuccessful students in accredited study programmes at TBU from 1st January to 31st December 2007

table 6

course group	unsuccessful students in study programmes								total	
	bachelor		master		follow-up master		Ph.D.			
	F	C	F	C	F	C	F	C		
Natural Sciences										
Technical Sciences	421	169	1		18	18	5	11	643	
Agricult., Forestry and Veter. Studies										
Health Care, Medical, and Pharm. Studies	22								22	
Social Sciences and Services	51	5			9	4			69	
Economics	187	166			29	80		1	463	
Law and Public Administration										
Pedagogy and Social Care	23	75			2	11			111	
Psychological Sciences										
Culture and Art Studies	21	11			3				35	
total	725	426	1		61	113	5	12	1,343	

Note: Unsuccessful student - a student who has not finished his/her studies and does not continue in his/her studies

2.6.1 Measures to Reduce Drop-Out Rates

The TBU management pays an increased attention to the numbers of students who fail to complete their studies. In selected subjects with high drop-out rates (e.g. mathematics and chemistry) supplementary courses are organized, where students can improve their knowledge. Further measures leading to reducing the drop-out rates include a wide range of study support and materials on the faculties' websites, communication with students, and student evaluation of the quality of teaching.

2.7 Use of the Credit System; Awarding the Diploma Supplement

All study programmes at TBU use a unified credit system which is compatible with the European standard ECTS. The main features of the unified credit system are as follows:

- one credit represents 1/60th of the average annual study load for the standard length of studies,
- each subject is allocated a number of credits which reflects the relative degree of study load required for the successful completion of a given subject,
- on successfully completing a course, a student obtains a number of credits allocated to the particular subject,
- the credits obtained within one study programme are added up,
- the number of credits obtained serves as a tool for checking the student's progress in studies.

This credit system and TBU students' good knowledge of languages are perceived as some of the essential conditions for the University's entry into the European programme for student mobility and into the European educational environment. Since 2004, the ECTS evaluation system has been used at the University. The preparation of the ECTS handbook and its translation are in progress, and steps are being taken so that the University can be listed among universities open for students in the European educational environment.

In 2006 the Tomas Bata University in Zlín received from the European Commission the certification Diploma Supplement Label, which increases the University's prestige amongst European universities. The certificate is valid until 2009.

2.8 Expert Cooperation between TBU and the Region, Interconnection of Theory and Practice, and Cooperation with the Consumer Sphere

The cooperation between Tomas Bata University in Zlín and the business sphere is carried out on three main levels.

1) research and development:

- solving specific R&D tasks in companies (contractual research)
- joint projects within programmes announced by Czech ministries and in EU programmes
- counselling and consultancy on the preparation of research and innovative projects drawing support from public resources

2) further education

- running courses of vocational education to respond to the needs of companies (communication, marketing, law of contract, company finances, accounting, etc.)

3) practical training of students

- students' internships in companies
- cooperation on solving technical, technological, economic and other practical problems within bachelor and diploma works and Ph.D. dissertations

In technical subjects the Faculty of Technology is especially active in cooperation with companies. It has over forty years of tradition in plastics- and rubber-processing technologies and related subjects. R&D activities include engineering fields of chemistry, chemistry and technology, materials, and others.

The activities of the Faculty of Applied Informatics in cooperation with companies are directed at solving controlling systems for technological processes, modelling, simulation and optimization of production processes, issues of processing tanning wastes and controlling of these manufacturing processes, software engineering, electromagnetic compatibility, and solving the issues of heat distribution in town agglomerations.

All University components participate in cooperation with companies within their expertise and scientific and technical background.

Significant partners:

- 5M s. r. o., Boršice
- Advanced Plastics s.r.o., Vrbno pod Pradědem
- AG Foods Group a.s., Velká Bíteš
- Aliachem, a.s., Prague
- Ascoprot Biotech, s.r.o., Prague 9
- Autopal, s.r.o., Nový Jičín
- Barum Continental, s.r.o., Otrokovice
- BAŤA, a. s.
- CE WOOD a.s., Zlín
- Compuplast Int., Zlín
- Contipro Group, s.r.o., Dolní Dobrouč
- Cutisin, a.s., Slavkov u Brna
- ČESKÝ MOBIL a.s., Praha
- ČEZ a.s., Power plant Chvaletice
- DESIGN CENTRE of the Czech Republic in Brno
- Machine works Dobrušské strojírny, a.s., Dobruška
- D-plast, a. s., Zlín
- ECO2000, spol. s r.o., Zlín
- Fatra a. s., Napajedla
- Greiner packaging Slušovice, s. r. o.
- Rubber plant Gumárny Zubří, a.s.
- HAMÉ a. s., Babice
- KAPA Zlín, spol. s r.o.
- Kastek UB, s.r.o., Uherský Brod
- KBA - Grafitec , s.r.o., Dobruška
- KOITO CZECH s.r.o., Žatec
- Koryna, a.s., Koryčany
- Regional Hospital of Tomáš Baťa, a. s.
- LINEA, a. s., Nivnice
- Linet, s.r.o., Slaný
- MAGNETON, a.s., Kroměříž
- MEDETRON s.r.o., Zlín
- MESIT holding, a. s., Uherské Hradiště
- MITAS, a.s., Prague
- MOLEDA, a.s., Zlín
- MORAVIA CHEM, s. r. o., Hrobice
- OPTAGLIO, s. r. o., Řež u Prahy
- POZIMOS, a. s., Zlín
- Polimoon, a.s, Zlín - Přiluky
- Rokospol, a.s., Biskupice u Luhačovic
- Retrim-CZ, s.r.o., Zlín
- Robert Bosch, s.r.o., České Budějovice
- RUBENA, a. s., Hradec Králové
- Machine works Slovácké strojírny, a.s., Uherský Brod
- SOLAR, s.r.o., Jaroměř
- TAJMAC - ZPS, a.s., Zlín
- Association for District Heating of the Czech Republic, Pardubice
- Toma a.s., Otrokovice
- UNIS spol. s r.o., Brno
- United Energy, a.s., Most-Komořany
- VALLECO, spol. s r.o., Vsetín
- Visteon - Autopal s. r. o., Nový Jičín
- 3M Belgie N.V., Zwijndrecht, Belgium
- DYNEON LLC, Oakdale, USA
- HEXAGON Holding ApS, Copenhagen, Denmark
- US Department of Agriculture, Eastern Regional Research Center, Philadelphia, USA
- VIPO A/S, Partizánske, Slovak Republic

An important role in cooperation with companies in the region is played by the University Institute (UNI). It is an organizational component of TBU whose activities are strategically directed into applied research and development. UNI focuses on science, applied research and related activities.

The cooperation in the region is supported by the activities of the Technology Innovation Centre s. r. o. (TIC) as a joint project of TBU in Zlín and the Zlín Region. TIC activities are primarily focused on developing activities of the business incubator and cluster initiatives in the region.

The aim of the project "Business Innovation Centre Zlín", which is carried out in cooperation with the statutory town of Zlín, is building up a regional centre for innovative enterprise with the aim to increase employment, growth of prosperity and competitive strengths of companies, and thus also the living standard in the region. The project started in May 2007, after the construction works carried out by the Technology Innovation Centre s. r. o. were completed and building 23 in the Svit complex was turned over for use. As of 31st December 2007, 9 starting companies and physical entities settled in the business incubator and 3 companies in the technology park.

In the year 2007, the project "Mapping possibilities for creation of a wood-processing and furniture manufacturing cluster in the Zlín Region" was successfully completed.

As of 31st December 2007, the company set up three clusters: the plastics processing industry - Plastics Processing Cluster z. s. p. o., shoe-making industry - CZECH SHOES o. s., furniture manufacturing and wood-processing industry - ABC WOOD o.s.

2.9 Qualification and Age Structure of Academic Staff

Age structure of TBU academic staff

table 7a

age	academic staff										researchers	
	professors		assoc. professors		senior lecturers		assist. lecturers		lecturers		total	women
	total	women	total	women	total	women	total	women	total	women		
under 29					11	6	39	18	8	5	4	2
30-39			5	1	56	20	36	17	18	12	15	6
40-49	1		18	6	26	15	4	2	5	5	2	2
50-59	7	3	20	4	40	8			6	3	4	1
60-69	20		26	3	23	4			2		6	
over 70	15		11		2						2	
total	43	3	80	14	158	53	79	37	39	25	33	11

In line with the TBU Long-term Aims and Objectives, qualification of academic staff is constantly being improved, with an emphasis on increasing the numbers of professors, associate professors and scientific workers. Compared to last year, there are two more professors and 13 more associate professors. However, the age structure is not ideal as many of the professors and associate professors are over 60.

The situation developed positively with regard to scientific staff. In the year 2006, there were 25 scientists at TBU; in the year 2007, there were already 33 of them. Their age is also favourable. In this category there are 6 professors and 4 associate professors, including the researcher Prof. Zatloukal, who is currently the youngest professor in the Czech Republic. That means that almost a third of the scientific staff hold the title of professor or associate professor, all scientific workers have completed doctoral studies. Altogether, there are 49 professors and 84 associate professors at TBU.

Men and women are equally represented only in the categories of lecturers and senior lecturers. In other categories there are significantly more men.

Overview of numbers of academic staff at TBU as of 31st December 2007

table 7b

personnel	total	professors	associate professors	others	DrSc.	CSc.	Dr., PhD., Th.D.
work load for academic staff	399	43	80	276	12	98	115
up to 0,30	7	1	5	1	1	5	
0,31-0,50	6	1	1	4	1	2	2
0,51-0,70	27	2	6	19	1	6	6
0,71-1,00	359	39	68	252	9	85	107

In 2007, the number of academic staff at TBU in Zlín increased again. 90% of them are employed full-time. The dynamics of the University's development and the related growth of staff numbers bring certain difficulties with regard to the quality of academic workers at the newly created TBU parts. Therefore, the support of further education of academic staff is the main priority in the sphere of human resources care at TBU in Zlín. The number of academic staff without scientific and pedagogical degrees calls for creating of conditions for their professional growth.

Almost every academic worker is extending their scientific qualifications, which is to a large extent carried out at TBU in Zlín in accredited Ph. D. programmes, partly at other Czech or foreign universities.

2.10 Research, Development, Arts and Other Creative Activities at TBU; Strengthening the Links with Educational Activities

Research, development, arts and other creative activities are implemented at the individual faculties and at the University Institute.

A significant research unit focusing primarily on basic research is the Polymer Centre at the Faculty of Technology. Its main area of interest is research into the engineering aspects of technologies and materials based on polymer composites. The areas concerned are mainly applied rheology and modelling, biodegradable polymers, electromagnetic composite materials, electrorheology and smart polymers, highly filled polymers, possibilities for processing recycled polymers and polymer compounds, structural relaxation of polymer materials, optic and electronic properties of polymer materials, and polymers for health care, pharmacy and food processing.

The University Institute concentrates on searching for information related to governmental and European endowments and grants to support science, research and creative activities, on preparation of development and innovative projects, and preparation of endowment and grant applications. Furthermore, it deals in planning, preparation and administrative management of strategic whole-university projects or projects exceeding the individual faculties.

The applied and industrial research and development carried out at the University Institute focuses on two key areas, where Tomas Bata University in Zlín has reached outstanding results in the long term. These activities are carried out at two specialized centres:

- Centre for research into health care materials – focuses on polymer materials, technologies and products with special accent on polymer applications in health care
- Centre for research into food – deals in materials and technologies in food processing with focus on nutritional supplements.

The support of applied and industrial research for companies of the Zlín region is stressed, with an emphasis on tubing for health-care; antibacterial, antibiotic and antiseptic materials; packaging for health-care, pharmacy and food-processing; PUR applications, bioactive polymer systems; biodegradable polymer systems, collagen preparations, plastics for veterinary applications; PIM technology for health-care products.

At the Faculty of Applied Informatics, the Centre of Applied Cybernetics has been working successfully for several years, as a part of the national centre that includes significant workplaces in the Czech Republic that deal in the issues of automated control in connection with the use of modern methods and means of automation of technological processes. Two important projects are being solved at the faculty – the research plan and project of the National Research Programme II, which enables to strengthen the connection between research and educational activities, as a number of students in doctoral programmes accredited at the faculty participate in the projects.

At the Faculty of Management and Economics, the Centre of Applied Economic Research (CAEV) was established on 1st March 2007 with the aim to interconnect research activities in the field of applied economic research and to intensify cooperation with companies. The task of CAEV is preparation of project opportunities with the support and supervision of scientific workers, their consequent solution and realization with the participation of Ph.D. students and with the use of financial support from grant agencies, ministries, and European programmes. The Centre also aims to interconnect project cooperation between companies, the academic community and students, which supports practical utilization and acquisition of the learnt knowledge through internship.

Another role of the Centre is also consultancy and educational activities under the supervision of academic staff, which has a form of courses, seminars, workshops, and company trainings, which are flexibly adapted to the specific needs of companies and individuals.

In agreement with the Long-term Aims and Objectives, the research units are strengthened in terms of material and personnel resources.

Research activities were supported from domestic and international financial resources through projects (see Table 8).

Overview of grants, research projects, patents and other creative activities at TBU

table 8

names of grants, research projects, patents, and other creative activities	source	financial support (thous. CZK)
Multifunctional composite systems based on natural and synthetic polymers	C	32,570
Modelling and control of processing procedures of natural and synthetic polymers	C	15,169
Development of prophylactic footwear for diabetics	C	50
Study in biodegradable polymers based on Lactic Acid	C	191
Preparation and development of dendrimer-silver colloid nanocomposites for optical applications	C	146
Study on synthesis and degrading processes in alkyl and aryl substituted polysilanes for applications	C	258
Modification and study of dimensionality of nanostructure-based materials	C	168
Polymeric bulk hetero-junction photovoltaic cells	C	248
Material development for electromagnetic compatibility	C	330
Smart systems for management of an energetic system of a town	C	8,441
Predictive control methods: algorithms and implementation	B	1,507
Development and use of higher algorithms for the heating-plant control as a tool for decreasing the price of energy and improving environment	B	596
Computer-aided design of predictive adaptive control systems	B	280
Soft computing control methods	B	925
Direct methods of controller design	B	236
Oscillation theory of half-linear differential and difference equations	B	75
Formation of electrorheological structures and their characterization	B	846
Investigation of unusual flow phenomena of non-Newtonian fluids in complex geometries	B	898
Adaptation of polymer nanocomposite properties based on carbon nano-tubes in respect of thermal stability	B	207
Targeted modification of structures in biologically active substances	B	134
Changing 3-hydroxy, 3-amino and 3-thio-cyan-quinoline-2,4-dions	B	709
New biologically active heterocycles based on quinoline-2,4-dions	B	270
Predictive controlling with the use of artificial neuron networks with online predictor adaptation	B	118
Polymer-polymer microfibril composites prepared in situ	B	303
Cultural aspects of Czech and European advertising	B	414
Cluster performance management and measurement	B	474
Process systems formation methods of costs management and their impact on industrial companies performance	B	209
Cognitive and dynamic aspects of the acting (player) teacher personality	B	501
Sharing and development of social knowledge of workers in helping professions taking care of senior citizens	B	395
Conjugated silicon-based polymer resists for nanotechnologies	GA AV ¹⁾	334
Investigation of flow behaviour for a novel class of polymers	GA AV ¹⁾	616
Rheology and processing of medical-grade polymeric systems	GA AV ¹⁾	576
Hybrid nanocomposites	GA AV ¹⁾	300
Innovation of medical polymeric aids	C	3,433
Biostimulators and biological resistance inductors in cereals and oilseeds	C	312
Programme KONTAKT (through AIP) – 4 projects	AIP ²⁾	81
Projects MPO NPVII – 2 fellow researchers	C	722
Projects MPO – fellow researchers – 6 projects	C	1,345
EUREKA – fellow researchers	C	210
Centre for applied cybernetics – fellow researchers	C	1,800
5 th framework programme RESTORM	A	371
6 th framework programme COGNAC	A	157
6 th framework programme SCRATCH	A	238
6 th framework programme NANOFUN	A	78
6 th framework programme I-CAMP	A	1,037

names of grants, research projects, patents, and other creative activities	source	financial support (thous. CZK)
6 th framework programme RIS		1,555
out of which:	A	1,308
	USC ³⁾	247
7 th framework programme SCRATCH	A	24
Ener Plast	A	64
INNOFOOT	A	432
Standard grants – fellow researchers – 6 projects	B	781

Sources of grants: A = international and foreign grants, B = grants of the Grant Agency of the Czech Republic, C = ministerial grants (including research plans of the Ministry of Education, Youth and Sports, excluding the Universities Development Fund)

1) Grant Agency of the Czech Academy of Science

2) Association for Innovative Enterprise

3) Regional autonomous units

2.11 TBU Infrastructure

2.11.1 Infrastructure

Teaching complexes and University buildings U1 to U5, U10, and halls of residence U6, U7 and U12 are all interconnected with a fibre-optic backbone network with the connection speed of 1 Gbit/s. All these complexes and buildings have structured cabling installed.

The Regional Educational Centre in Uherské Hradiště, where TBU is renting spaces for teaching of selected programmes of FT and FMC, is connected to the TBU backbone network with the connection speed of 1Gbit/s.

The University computer network is connected to the national research and education network CESNET2 by two fibre-optic lines with the speed 1 Gbit/s (via Palacký University in Olomouc and Masaryk University in Brno).

In 2007, there were 2,298 computers connected to the University computer network in the teaching facilities, out of which over 900 were in computer laboratories and internet study rooms.

The University wi-fi network with 35 access points in selected spaces of five of the TBU teaching facilities enables students and employees to connect with their mobile devices. At the end of the year 2007, there were over 1,900 registered users.

The University halls of residence have the capacity 758 connection ports; students connected to the network with their own 608 computers and laptops, and another 18 computers were available in the study rooms.

The following information systems and applications were used at TBU:

- information system for economics management (SAP)
- information system for studies administration (IS/STAG)
- University website
- library information system (Aleph)
- system for keeping records of publication activities (OBDPRO)
- chip cards system (student and employee ID cards)
- access system (entry into buildings, offices and classrooms)
- catering and credit system (Kredit)
- accommodation management system (AT – Koleje)
- legal system (LexDATA)
- reprographic services (printing, copying, scanning)
- document system (Content Manager).

Access to these systems is defined by the individual user access rights, so that these provide information and services supporting education, science, research, development, and artistic and creative activities as well as management.

2.11.2 The Accessibility of Information Resources

In 2007, the Central Library ("Library") focused on expanding information resources and services with the aim to provide them to its users in quality and independent of time and space.

The Library ensures information resources and services for all study programmes at TBU. Apart from its spaces at U4, it also provides its services in study rooms in buildings U2, U5 and in the Regional Educational Centre in Uherské Hradiště. The Library and detached study rooms are equipped with appropriate technologies – WiFi network and self-service multifunctional devices that enable printing, copying and scanning of documents.

TBU students and employees can draw information from approximately 49 databases accessible through the computer network (another 2 are available on CDs). Apart from traditional printed books, the Library makes accessible about 18,000 electronic periodicals, especially thanks to the consortia which it is a member of. Also the number of new information resources in form of electronic books increased – currently there are about 450 available and accessible through the Library catalogue as well as separately (through other databases). The Library offers on its website also links to freely accessible resources. The overview of all information resources is available on the Library website: <http://web.knihovna.utb.cz>.

In 2007, the Library staff prepared for its users altogether 48 educational events, 6 consultations and expert discussions in cooperation with colleagues from other libraries, they elaborated 41 researches and 429 times provided interlibrary services.

The expenses on purchase of information resources were 7,072 thousand CZK.

Other Library specifications are given in Table 9.

University libraries, librarian and information services

table 9

	number
acquisition in the year 2007	9,176
library stock total	69,251
number of subscribed periodicals	
– paper copies	307
– electronic periodicals (estimation) ⁴⁾	1,965
opening hours per week ¹⁾ (physical)	55/64
number of loans ²⁾	68,415
number of users ³⁾	12,056
number of study places	225
number of volumes in the open-shelf stock	50,719

1) i.e. the number of opening hours of the library unit that is open the longest. The opening hours of individual units are not added up. The term "physical" means physical visit to the library, not electronic communication.

2) Including renewals.

3) Registered users as of 31st December 2007, i.e. physical or legal entities registered in the library who are entitled to borrow documents from the library stock (off-site or reference) and those who were newly registered or their registration was renewed in the documented period.

4) Only the periodicals that the Library subscribes itself (or receives as a present or in an exchange) in paper or electronic versions; other periodicals that are available for the library users thanks to consortia for full-text resources are not included.

The Library is a member of the University Libraries Association and the Association of Library and Information Workers, one of its workers became a member of the Czech Information Society, the library staff are members of various work groups and committees (e.g. the Committee for University Degree Works, Committee for Electronic Information Resources, University Libraries Club, etc.).

In the year 2007 the Library gained for its users the support of the Universities Development Fund for purchase and extension of services related to electronic documents (purchase of e-books); the participation in the project VISK 8 (public information services in libraries) enabled it a joint purchase of Czech electronic information resources.

2.11.3 Development of the Information Infrastructure

In relation to the construction of the University Centre in Zlín and setting up of the new centre of the TBU backbone network in this building, the topology of the fibre-optic backbone network was reorganized in the second half on the year 2007. Some of the current fibre-optic paths interconnecting the TBU buildings were moved and some new were created. The centre of the new typology of the backbone network is now located in building U13, where all backbone technologies will be gradually moved from building U2. The main nodes of the backbone network located in buildings U1, U2 and U13 are interconnected triangularly, which offers a future possibility to create redundant circuits. The cost of investments into this event was 5,320 thousand CZK. In the Library the main attention was devoted especially to the preparation of the library stock for the transfer to a new technology of identification of funds on the RFID bases, which is fully supported by the library information system Aleph. Licensed electronic magazines were imported into the library database of the Aleph system. The library catalogue was extended by inserting covers, annotations, and summaries of new printed books, service for ordering photocopies from foreign printed journals and full-text searches in e-books databases. With the use of the SFX technology and Google Scholar, it is newly possible to search in the library catalogue, selected databases and other information resources. The library catalogue became a part of the Unified information gate and its library stocks were made accessible through the portal. LinkSolver technology was implemented into the databases produced by Ovid technologies. The licensed databases were extended by descriptions in English. A complete list of journals available in the library was published (freely accessible titles as well as titles accessible within pre-paid full-text databases). The library users now have the option of a distant access to purchased and licensed information resources. Through a web form, a new service was made available, especially to be used by students - it is possible to give the library tips for purchase of information resources which they miss and which are important for their studies.

The development of the University information systems was supported by the project within development programmes "Development of information and communication technologies at TBU in Zlín" (8,568 thousand CZK). As a part of development and modernization of telecommunications network, IP communication systems HiPath 4000 and HiPath 3800 in building U2 were upgraded - the communication channels were secured, and the number of end connection ports was increased (with the possibility to connect SIP end-devices) and the possibilities for the use of so called mobile office were extended (the telecommunication network is now accessible from all places with internet connection of sufficient quality). As a part of the development of portal solution, a new global storage space of user identities with synchronized data from data sources for individual user's log-in was implemented. The trial run of the portal pages offers the employees portlets with data from the information systems SAP, Kredit and two other applications.

For the development of the Content Manager application, the process of scanning, processing and storing contractual documents was selected. A scanning workplace was created with a direct link to the document system. The application was connected to the global storage space of user identities, the access rights are based on the organizational structure and work with classifiers of the system for economic management. For users, portlets for entering, editing and searching were created and integrated into the portal.

Within the preparation for the migration of the economic management system SAP to a higher version, a new powerful server was selected and purchased for virtual solution of all instances - productive, testing and developing. At the same time, the disc storage space was extended and user licences for SAP system were purchased. For selected applications (mail and IMAP services, web applications, chip cards) the infrastructure was modernized by purchasing and exchanging servers. The university workplace in the Regional Educational Centre in Uherské Hradiště was equipped with recharging automat for reprographic services.

The joint activities of several public universities continued also with the project within the development programmes "Coordinated progress in development and innovation of information systems for the support of public university management in economics and human resources including the operational resources for the Public Universities Coordination Centre" (8,000 thousand CZK). Apart from the standard support of the operations of the Public Universities Coordination Centre which is a certified Customer Competence Centre in agreement with the conditions set by the company SAP ČR, spol. s r. o., the project concentrated entirely on the preparation of the upgrade of the SAP system to the version ECC 6.0. Within the analysis mySAP All-in-One for public universities, a proposal was prepared for unified setting of all system modules (target concept), especially for the HR module, which will form the joint basis for all public universities. In the middle of the year 2007, the pilot project for the upgrade of the productive system from version 4.6c to the version ECC 6.0. was successfully carried out at one of the public universities.

2.12 Infrastructure of Research and Development on the National and International Levels

2.12.1 Infrastructure on the National Level

In 2007, the cooperation with important Czech enterprises and institutions in the sphere of research, joint projects and Ph.D. programmes continued:

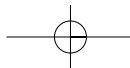
- with selected institutes of the Czech Academy of Sciences:
 - Institute of Macromolecular Chemistry
 - Institute of Information Theory and Automation
 - Institute of Physics
 - Institute of Informatics
 - Institute of Hydrodynamics
 - Institute of Analytical Chemistry
 - Institute of Thermo-mechanics
 - Technology Centre
- with universities, especially with:
 - Czech Technical University in Prague
 - Technical University in Brno
 - Charles University in Prague
 - VŠCHT in Prague
 - Masaryk University in Brno
 - West Bohemian University in Pilsen
 - Technical University in Liberec
 - VŠB - Technical University of Ostrava
 - Academy of Performing Arts in Prague
 - University of Pardubice
 - University of Hradec Králové
- with a range of enterprises and public administration institutions.

Departments and workplaces of TBU faculties cooperate with over 120 domestic partners.

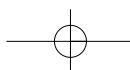
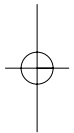
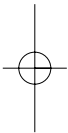
2.12.2 Infrastructure on the International Level

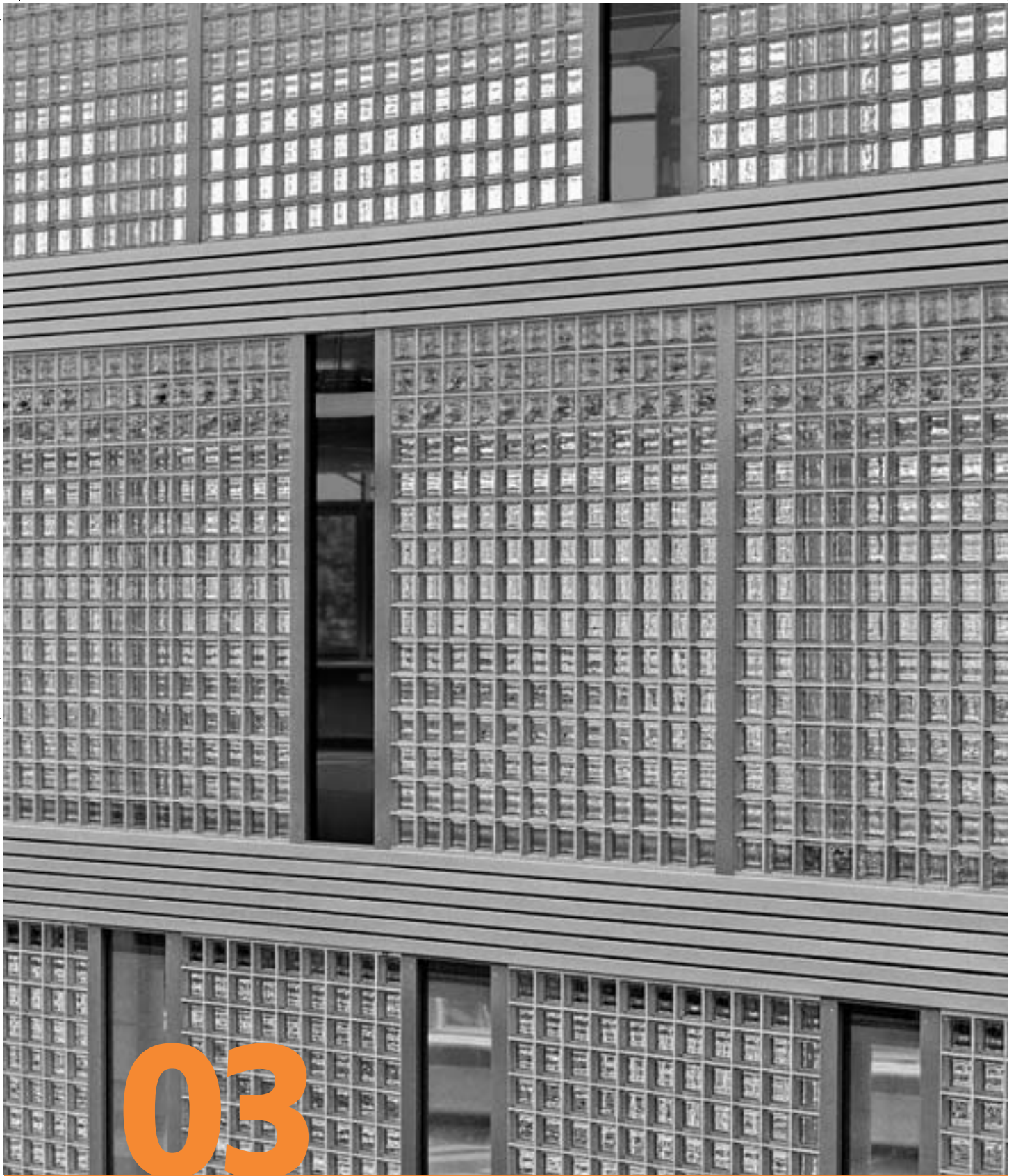
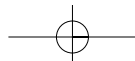
TBU cooperates with a number of international partners. The main of them are:

- University of Bradford, Bradford, Great Britain
- Blaise-Pascal University, The Graduate School of Chemistry and Chemical Engineering of Clermont-Ferrand, Clermont-Ferrand Cedex, France
- Chalmers University of Technology, Göteborg, Sweden
- East China University of Science and Technology, Shanghai, China
- University of Ljubljana, Ljubljana, Slovenia
- Berkley Center for Entrepreneurial Studies, Stern Business School, New York University, USA
- Chapman University, California, USA
- Lappeenranta University of Technology, Department of Information Technology, Lappeenranta, Finland
- Nottingham Trent University, Nottingham, Great Britain
- Slovak University of Technology in Bratislava, Slovakia
- Politecnico di Milano Technical University, Italy



- University of Applied Sciences, Köln, Germany
- University of Craiova, Faculty of Automation, Computers and Electronics, Craiova, Romania
- The Silesian Technical University, Poland
- Budapest University of Technology and Economics, Hungary
- Technical University in Zvolen, Slovakia
- University of Applied Science Zittau/Görlitz, Institute of Process Technique, Process Automation and Measuring Technique, Germany
- Korean Institute of Electrical Engineers, Soul, Korea
- University of Calgary, Canada
- University College Northampton, Great Britain
- University of Pisa, Department of Chemistry and Industrial Chemistry, Italy
- and numerous other institutions.





03

**quality and culture
of academic life**



3.1 Social Matters of Students and Employees

Dealing with social matters of the University students and employees is one of the basic priorities of the TBU Long-term Aims and Objectives, and is carried out through implementing motivation systems and providing effective advisory services.

As a part of student care, TBU provides scholarships for excellence, special scholarships, accommodation and social scholarships. The conditions for allocating scholarships are defined in the TBU Scholarship Regulations and are valid for all types of scholarships. In the year 2007, accommodation scholarship was allocated to 3,130 students and social scholarship to over 200 students. Scholarships for excellence are awarded in lump sums to students who achieved outstanding results in their studies.

An integral part of the care for students and employees is also the support of physical education, sports and cultural and artistic activities, and especially also providing information and counselling services.

A modern Pedagogical and Psychological Advisory Centre is being built up at TBU, where qualified experts will provide professional counselling to both University students and employees.

3.2 Applicants and Students with Specific Needs

In University buildings, barrier-free access and all technical facilities necessary for applicants and students with restricted mobility are created.

The groups with specific needs are approached individually. The conditions are adapted for them in the course of the admission proceedings as well as throughout their studies at the University.

An example is the Faculty of Applied Informatics, which prepared conditions for integrating students with specific needs into the study programme Engineering Informatics.

Specific problems of disadvantaged groups of applicants/students are at TBU dealt with individually through the TBU Pedagogical and Psychological Advisory Centre.

3.3 Exceptionally Gifted Students

The support for exceptionally talented students is carried out on several levels. Students with excellent study results are rewarded in the form of scholarship for excellence. Students' creative and expert activities are supported - selected students participate in national and international competitions. Exceptionally talented students have an opportunity to study simultaneously another study programme and they are first to be offered internships abroad and mobilities.

3.4 Partnership and Cooperation

Applicants for study in selected disciplines of economics can study a joint bachelor programme provided by TBU in cooperation with the Tomas Bata Business Academy and Higher School of Business in Zlín, in study courses Marketing and Financial Management of Enterprises in both full-time or combined forms, and a full-time course Public Economics and Administration.

In cooperation with the Film School in Zlín, a bachelor programme in Fine Arts is run, a course in Traditional Animation.

In order to extend the offer for applicants interested in health care studies, the bachelor programme Nursing with courses in General Nursing and Midwifery was accredited at TBU in 2004 in cooperation with the Higher Medical School in Zlín.

In the programmes Process Engineering and Engineering Informatics, full-time bachelor study is provided also at the remote TBU facilities in Vsetín and Přerov.

In the study programme Specialization in Pedagogy, combined bachelor and follow-up master study is offered in the course Social Pedagogy in cooperation with the Institute of Interdisciplinary Studies in Brno.

Study in the bachelor programme Chemistry and Food Technologies at the remote facility in Kroměříži is run in full-time form.

The pedagogical activities were further extended in the Regional Educational Centre in Uherské Hradiště, where bachelor programmes in Fine Arts, Economics and Management, and Chemistry and Food Technology have been taught since September 2006. Furthermore, the Czech language is taught to the international applicants for study in Czech at this Centre.

The negotiations about expanding the TBU pedagogical activities to other remote facilities were started, with regard to Prostějov, Bzenec and Valašské Meziříčí.

3.5 Accommodation and Catering Services

3.5.1 Student Accommodation

In 2007, TBU students were accommodated in the University's own and rented facilities maintained by the Halls of Residence and Refectories (HRR) in Zlín.

The University-owned accommodation facilities maintained by HRR include the Halls of Residence in buildings U6, U7 and U12. Rented facilities, where TBU students were accommodated on the basis of a contract included the accommodation facility Chmelník 1131 and the facility in TG Masaryka square 1281. On 30th June 2007, the cooperation with these accommodation facilities finished. The accommodation facilities Chmelník, Křiby, and tř. T. Bati continue to provide so-called buffer beds; 140 students were accommodated in this way in the year 2007.

By 31st December 2007, HRR satisfied fully the students demand for accommodation.

3.5.2 Catering Services for Students

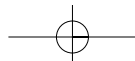
Catering services for students were provided in the HRR catering facilities. In the year 2007, the refectory in Štefánikova Street issued 164,410 meals, the refectory in Nad Stráněmi Street issued 75,013 meals, the snack bar in Mostní Street newly offered snack soups and issued 4,872 of them, and also issued 68 cold packs, 1,156 lunches and 40 pieces of pizza. In the external catering facilities, especially in the Regional Educational Centre in Uherské Hradiště, 16,691 meals were issued. The total number of meals issued in all catering facilities was 262,250, out of which 199,109 were for students. In 2007 the number of issued student meals grew by 27,482. The total growth in the number of meals issued in 2007 compared to the numbers from the year 2006 was 32,805 meals.

Care for students – accommodation, catering

table 10

	number				
total bed capacity of halls of residence	931*				
bed capacity in rented facilities	76*				
number of applications for accom. submitted by 31. 12. 2007	1,354				
number of satisfied applications for accom. as of 31. 12. 2007	1,354				
satisfied applications for accom. in percentage	100				
price per bed per month	MŠMT subsidy for student accom. and catering	funding from other University resources	price for students	price for employees	price for others
A - single rooms with joint facil.	0	0	2,118/bed*	2,562/bed	9,960/bed
B - multi-bed rooms	0	0	1,740/bed*	2,562/bed	5,850/bed
price per meal	MŠMT subsidy for student accom. and catering	funding from other University resources	price for students	price for employees	price for others
	23	0	32	32	64.50
number of meals issued in 2007	students	University employees	others	total	
	199,109	55,612	7,529	262,250	

* The figures include also the accommodation facilities nám. TGM 1281 and Chmelník 1131; the contractual relationship with these facilities was terminated as of 30th June 2007.



04

internationalization



4.1 TBU Strategy for International Cooperation; Priorities

4.1.1 Strategy

Internationalization is one of the priorities at TBU. The communication languages at the University are according to the TBU Statute Czech and English. In agreement with the TBU Long-term Aims and Objectives, the emphasis is laid on the development of partnerships with foreign institutions in the spheres of education as well as science and research, and on involving TBU components in international projects supported from EU funds. The aim is to increase the number of international students at TBU, especially in Ph.D. programmes, and also the number of accredited study programmes taught in English. TBU also supports creating “joint degree” programmes on bachelor, master and Ph.D. levels, and stays abroad for students and academic workers within programmes for cooperation between universities.

4.1.2 Priority Areas

- EU member countries
- countries undergoing the process of social and economic transformation, especially in Asia
- countries of the former Soviet Union

4.2 TBU's Participation in International Educational and R&D Programmes

4.2.1 Participation in International Educational Programmes

See Tables 11 a, b, c.

4.2.1 Participation in International R&D Programmes

TBU's participation in international projects and creating networks of excellence are some of the significant priorities defined in the Long-term Aims and Objectives. The participation in international programmes for research and development is supported by the activities of the Innovation Centre, namely by regular monitoring of information on support of science and research from public resources, by methodical leadership in preparation of R&D projects, and by projects administration.

The Department of Physics and Material Engineering of the Faculty of Technology participates in the project of the 6th EU framework programme “*Support for SMEs Collaborative Aeronautical Technical Research*” (SCRATCH PHASE IV), in the project of the 7th framework programme “*Services for SMEs in Collaborative Aeronautical Technical Research*” and also on other international projects: “*From design to manufacturing: Instruments for reducing the energy consumption and carbon emissions of the polymer supply chain*” (ENER-Plast) and “*Innovative treatment of foot disorders*” (INNOFOOT). The Department of Polymer Engineering cooperated on the project of the 6th framework programme “*Nanostructured and Functional Polymer-based Materials and Nanocomposites*” (NANOFUN).

In 2007, the Faculty of Applied Informatics participated in the 6th EU framework programme “*Innovative, inclusive, interactive & intercultural learning campus*” (iCamp).

The Innovation Centre participates in two projects of the 6th EU framework programme – “*Regional Innovation Strategy in the Zlín Region*” (RIS) and “*Coordination of R&D&I Policies and their Coherence with other Policies in NAC Countries*” (COGNAC).

The Faculty of Technology worked on 7 projects within the programme Kontakt.

In the year 2007, researchers from India, Russia, China, Japan and other countries worked at TBU. Supporting the creation of international scientific teams is in agreement with the University’s long-term goal to increase the ratio of R&D staff and Ph.D. students from abroad at individual faculties and in the centres of applied research that are being set up within the Innovation Centre.

4.3 Two-Way Mobility of Students and Academic Workers

EU programmes for education

table 11a

programme	LLP (Socrates)						Erasmus Mundus
	Erasmus	Comenius	Grundtvig	Lingua	Minerva	Leonardo	
number of projects	1	0	0	0	0	0	0
students sent abroad	147	0	0	0	0	0	0
students from abroad	76	0	0	0	0	0	0
academics sent abroad	38	0	0	0	0	0	0
academics from abroad	11	0	0	0	0	0	0
subsidy (in thousands CZK)	6,099	0	0	0	0	0	0

Erasmus is EU programme for study stays abroad that is at TBU most used within the Lifelong Learning Programme. The programme Erasmus enables students and teachers to travel to foreign universities that have bilateral agreements with TBU, which are universities in all EU member states, in Turkey, Norway and Switzerland.

Other programmes

table 11b

programme	Ceepus	Aktion	others
number of projects	3	0	0
students sent abroad	8	0	0
students from abroad	18	0	0
academics sent abroad	10	0	0
academics from abroad	23	0	0
subsidy (in thousands CZK)	892	0	0

Other study stays abroad

table 11c

programme	government scholarships	direct inter-university cooperation / out of that Development Progr.	
		in Europe / out of that Development Programmes	outside Europe / out of that Development Programmes
students sent abroad	0	0/26	0/0
students from abroad	3	8/6	5/45
academics sent abroad	0	0	0
academics from abroad	0	0	0

4.4 Offer of Studies in Foreign Languages

4.4.1 Bachelor Programmes

Faculty of Humanities

Study programme Philology, course English for Business Administration

Faculty of Technology

Study programme Chemistry and Materials Technology, course Chemistry and Materials Technology

4.4.2 Follow-up Master Programmes

Faculty of Technology

Study programme Chemistry and Materials Technology, course Polymers Engineering

Faculty of Management and Economics

Study programme Economics and Management, course Management and Marketing

4.4.3 Ph.D. Programmes

Faculty of Technology

Study programme Chemistry and Materials Technology, courses Technology of Macromolecular Substances, Materials Chemistry

Study programme Food Chemistry and Technology, course Food Technology

Faculty of Management and Economics

Study programme Economics and Management, course Management and Economics

Study programme Economic Policy and Administration, course Finance

Faculty of Applied Informatics

Study programme Chemical and Process Engineering, course Technical Cybernetics

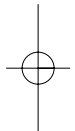
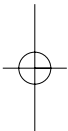
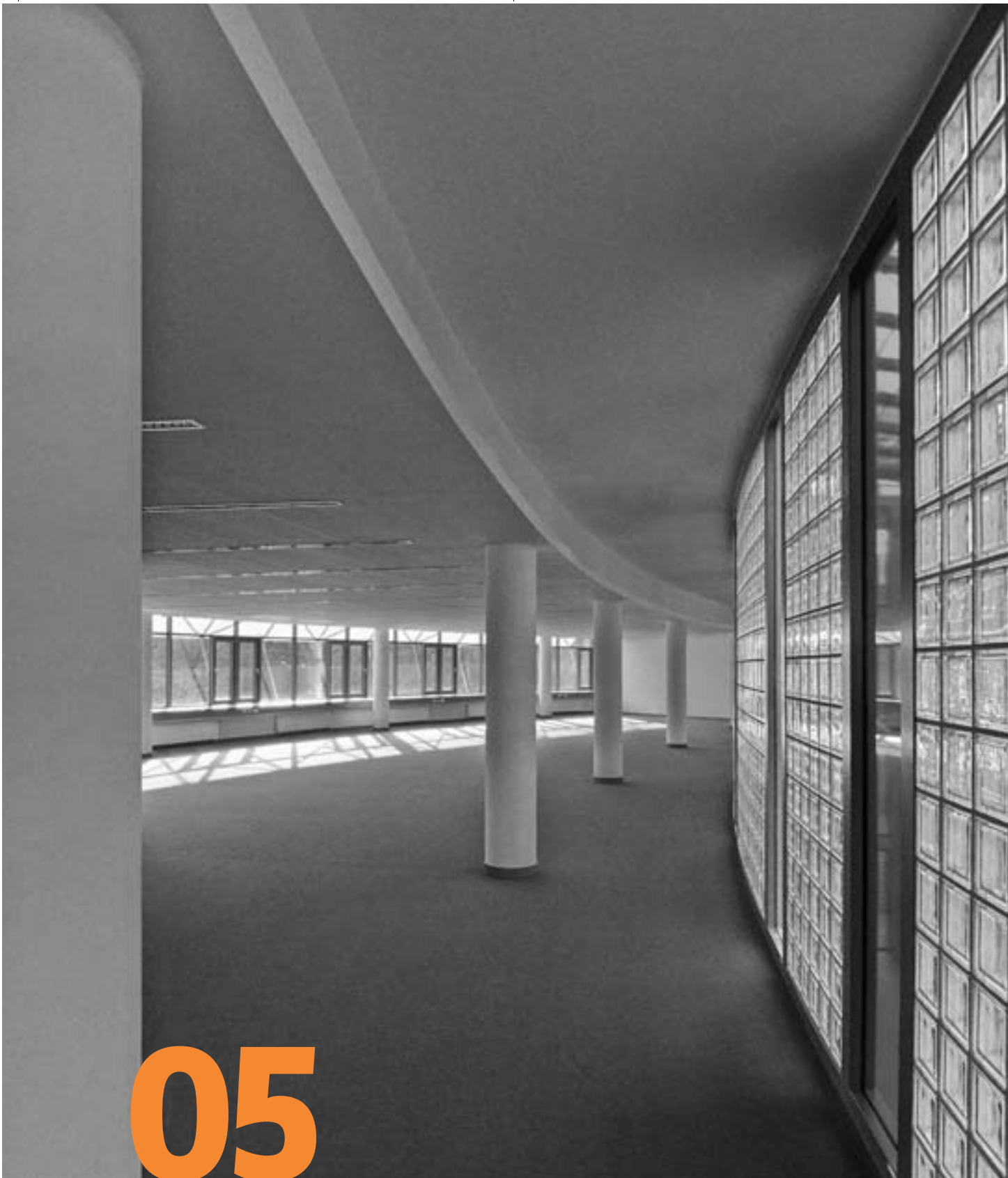
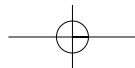
Study programme Engineering Informatics, course Engineering Informatics

4.5 Joint Study Programmes

In the year 2007 the TBU Faculty of Technology in Zlín continued in creating a European network of workplaces for a joint Ph.D. study programme focused on polymer materials processing. A joint Ph.D. programme was carried out by FT TBU in Zlín and Université Blaise Pascal in France in the course Technology of Macromolecular Substances.

The Faculty of Management and Economics cooperates with Huddersfield University Business School (HUBS) in Great Britain on a bachelor programme BA European Business, in which students after two years of study at TBU have a chance to spend their third year at HUBS in Great Britain, and to complete their studies with a bachelor exam leading to the degree BA (Hons) European Business. After their return, they can also take a bachelor exam at FaME and obtain the bachelor degree from TBU.

In the academic year 2006/2007, six students successfully completed their studies in this course, and in the academic year 2007/2008 eight students started.



05

ensuring quality at TBU



5.1 The System for Evaluating the Quality of Education

In 2007, similarly to the previous years, TBU was experiencing a growth in the numbers of students, academic staff and study programmes. The University management is fully aware of the fact that while expanding extensively, it is extremely important to accentuate the quality of education and creative activities.

The University's Long-term Aims and Objectives for the period 2006–2010 states that it is necessary to improve the methodology of the TBU internal evaluation system, and to ensure the compatibility of the findings from the internal evaluation with the international requirements so that they could be used for external evaluation.

5.2 Internal Evaluation

5.2.1 Formal Description

Several processes dealing in evaluation are implemented independently of each other at TBU. These include the evaluation of pedagogical and creative activities of the academic staff, as well as the evaluation process itself, when an overview of selected quantitative indicators is worked out on the model of the European Universities Associations. These two processes are carried out yearly. Twice a year, the quality of pedagogical activities of academic staff is evaluated on the basis of the student questionnaire and the University management also follows the graduates' success in the labour market.

5.2.2 The Evaluation Process

Evaluation of the academic staff consists mainly of quantitative evaluation of their pedagogical and creative activities – e.g. project activities, publications, quotations, references to the work, lectures at conferences etc. Yearly, the quantitative indicators are worked out at TBU and used to evaluate the University's quality with regard to the development over time. This includes especially the percentage of students in Ph.D. programmes against the total student numbers, drop-out rates, library stock in pieces per student, number of students per computer (in study rooms, classrooms, and laboratories), the students-to-academics ratio, etc.

The TBU management regularly monitors the graduates' success in getting jobs, which helps to evaluate the success of the individual study programmes. The evaluation of the quality of pedagogical activities is based also on the cooperation with students. Students

can express their opinion on the quality of the pedagogical performance of individual academic employees throughout the year in an anonymous survey which is evaluated twice a year. The findings from this evaluation are presented to the faculty managements and are published on the University website in the study agenda STAG. The results serve as feedback for improving the content of lectures and seminars, and of the pedagogical performance of individual employees.

5.2.3 The Results of the Evaluation and Their Use

On the basis of the results of the evaluation processes, it can be stated that the weaknesses of TBU still include a low number of Ph.D. students, the age-structure and numbers of habilitated staff, high work-load of most pedagogical workers, not an exactly varied offer of lifelong learning education, and insufficient cooperation with industries, institutions and graduates. On the basis of the analyses of the outcomes and current aims of TBU, priorities were formulated and the document with TBU Long-Term Aims and Objectives for the years 2006-2010 was elaborated. It stems from the current development in the Czech Republic and European Union and takes into account the aims of the Ministry of Education, Youth, and Sports for this period. The important priorities include the quality of pedagogical, scientific and creative activities, and support of research internationalization, student and teacher mobilities, and international cooperation.

5.3 External Evaluation, Including International Evaluation

Study programmes at whole TBU went through external evaluation of quality of education by the Accreditation Committee in relation to the assessment of the applications for their accreditation or re-accreditation.

The external evaluation of creative activities at faculties is carried out in relation to opponent proceedings during the assessment of results of research projects of the Ministry of Education, Youth and Sport, research tasks from the Grant Agency of the Czech Republic and other projects within the Czech Republic and European Union. All these evaluations were carried out by committees appointed by external institutions.

In 2003, TBU was accepted into the European University Association, and since then it has been participating in its various activities related to the evaluation process.

5.4 Data on Financial Control

5.4.1 Establishment, Maintenance, and Efficiency of the Internal Control System

Since September 2003, the Department of Internal Audit has been operating at TBU, which forms, together with the management control, the cornerstone of the internal control system.

In agreement with the year plan, nine audits were carried out in 2007, based on the risk analysis. The results of the individual audits were discussed with the management of the University, faculties and other components. The final reports were submitted to the Rector.

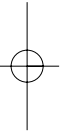
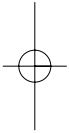
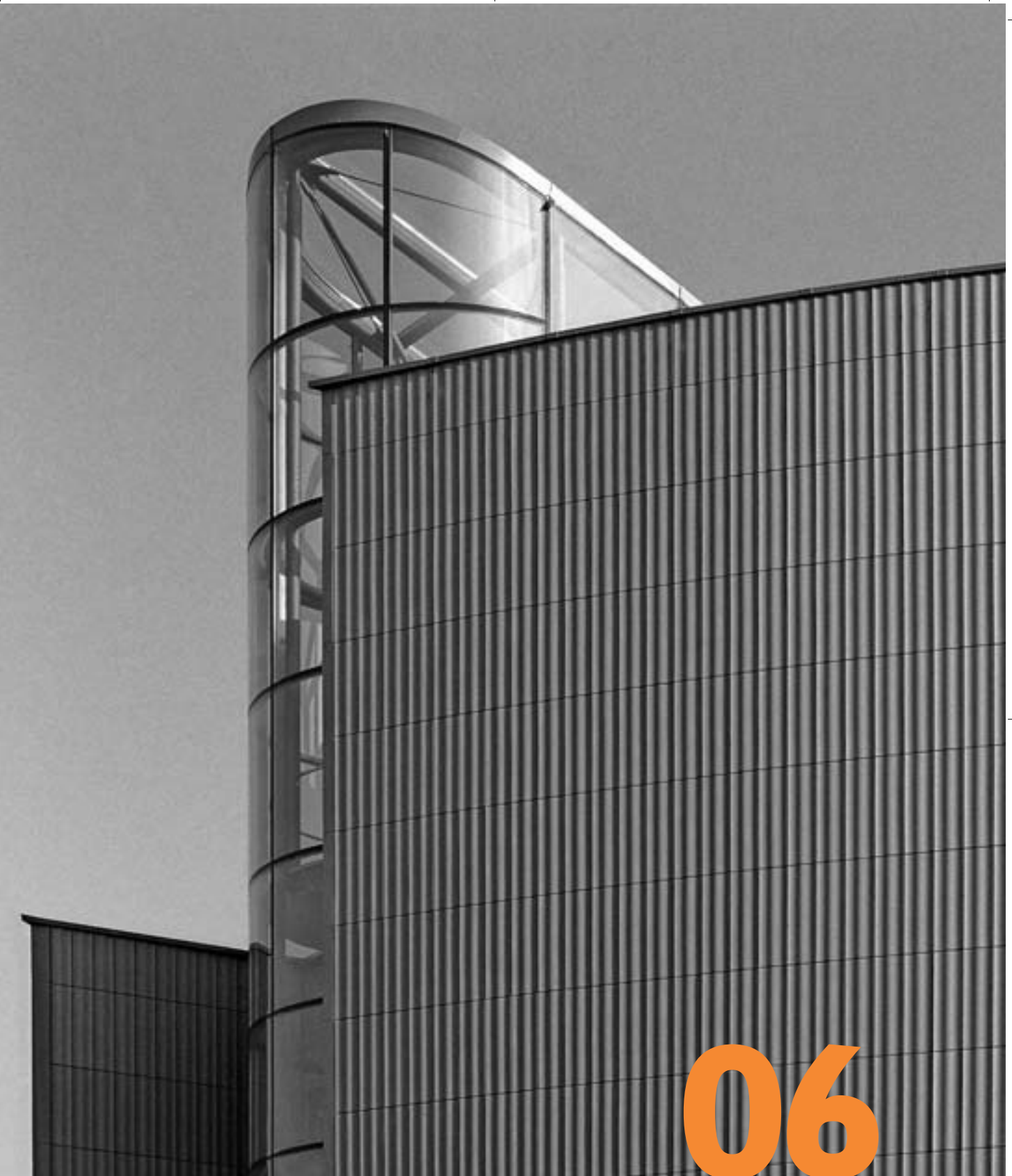
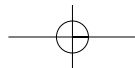
The audits focused mainly on the following issues:

- set-up of the internal control system
- internal regulations at TBU
- work-load for pedagogical employees
- use of spaces for scheduled classes
- adherence to scheduled classes
- property
- financial management at selected University components
- lifelong learning

5.4.2 Information on Cases of Suspected Corruptive Behaviour and on Proved Cases of Corruptive Behaviour

The TBU management accepted the order of the Minister of Education, Youth, and Sport No. 13/2006, which came into force on 13th July 2006. It is a ministerial internal anti-corruption programme, which aims to introduce into the management system such elements that would prevent the creation of potentially corruptive environment or the possibility for indirect protegeeing.

In 2007, no case of corruptive behaviour or suspicion thereof was investigated at TBU.



06

TBU development



6.1 TBU's Participation in Public Universities Development Programmes in 2007

TBU's participation in Public Universities Development Programmes in 2007

table 12

Public Universities Development Programmes	number of submitted projects	number of accepted projects	provided financial resources in thousands CZK	
			capital	current
Programme for the support of the development of internationalization	2	2		4,464
Programme for improving the quality and efficiency of public universities management				
Programme for improving the assurance of quality of activities at universities				
Programme for the support of development and innovation of study programmes				
Programme for the support of development and innovation of study programmes for educating pedag. workers, especially teachers, and progr. for further education of pedagog. workers				
Programme for preparation and development of human resources	4	4		3,014
Programme for the support of creating joint structures of universities and consumer sphere				
Programme for the development of instrumentation and modern technologies	2	2	14,823	1,845
Programme for the support of cooperation between universities and regional educational system				
Programme for the support of equal opportunities for admission and study at university, including counselling services				
Programme for removing weaknesses and supporting strengths of the university				
total	8	8	14,823	9,323

Development programmes fulfil the main priorities of the TBU Long-term Aims and Objectives and its updates. In 2007, 8 projects were carried out worth 24,146 thousand CZK. A significant part of the resources (about 69 %) was spent on the projects for the development of modern technologies. The second significant priority was programmes for the support of internationalization (about 18 %).

The remaining funds were spent on the programme for the preparation and development of human resources. Within this programme, the University joined a project of twenty schools "Modification of programmes and infrastructure of the U3V".

6.2 TBU's Participation in the Universities Development Fund

TBU's participation in the Universities Development Fund

table 13

theme	number of accepted projects	provided financial resources in thousands CZK		
		capital	current	total
A	3	5 179		5,179
B	2		401	401
C	1		247	247
E	1		320	320
F	10		759	759
G	1		70	70
total	18	5 179	1,797	6,976

TBU participated in programmes of the Universities Development Fund. Altogether, it was successful in 18 projects (see Table 13).

The focus was on projects of the theme group A “Establishment, development and innovation of laboratories, studios, and other workplaces for practical teaching and students’ experimenting, with special view to instrumentations, equipment and other technologies.” Projects “Laboratory for parallel calculations”, “Teaching laboratory for robotics and robotic systems” and “Laboratory for advanced security technologies” significantly contributed to the development of the material and technical background of the University.

6.3 TBU's Participation in Projects Financed from EU Structural Funds

TBU participated in projects of the EU Structural Funds (see Table 14).

It is working especially on five projects in the Operational Programme Human Resources Development (OP RLZ); the most significant of them in terms of finance is the project “Technology park and Technology Transfer Centre at TBU in Zlín” within the Operational Programme Prosperita (OPPP).

Finances are always provided only after completing the given stage of the project (even with a six-month delay), which causes TBU problems with financing, especially in operations in tens millions of crowns.

Drawing financial resources from EU Structural Funds

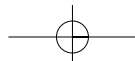
table 14

operational programme, measure, project	dates	provided sum (in thous. CZK) current/capital ²⁾	provided sum (in thous. CZK) for 2007 current/capital ²⁾
OP RLZ, 3.3.2 Special preparation of supervisors for practical training of students	23. 6. 2006 – 22. 4. 2007	656	207
OP RLZ, 3.3.2 Specialist in footwear and leather products	5. 1. 2006 – 4. 1. 2008	1,961	1,407
OP RLZ, 3.3.2 Development and improving the quality of Food-processing technologies, with focus on Gastronomy, with the use of e-learning	27. 6. 2006 – 26. 6. 2008	6,561	1,640
OP RLZ, 3.3.2 Creating and pilot testing of a new programme for further education at universities “Work smarter”	15. 6. 2006 – 14. 6. 2008	9,924	3,308
OP RLZ, 3.3.2 Development and improving the teaching in study courses at the TBU Faculty of Technology with the use of e-learning	19. 12. 2006 – 30. 6. 2008	2,999	750
total for OP RLZ		22,101	7,312
OPPP, Technology Park and Technology Transfer PROSPERITA at TBU in Zlín	7. 3. 2006 – 30. 6. 2008	142,210	100,816
total for OPPP		142,210	100,816³⁾

1) Total allocated sum in thousands CZK for the whole project (TBU and partners) – the table shows the projects in which TBU is the head researcher

2) Total allocated sum in thousands CZK for the year 2007 for the whole project (TBU and partners) – the table shows the projects in which TBU is the head researcher

3) In OPPP the subsidy is provided backwards – the total allocated sum and the sum for the year 2007 show the expected amount of the subsidy



07

conclusion



7.1 Summary of the Significant Information from Individual Chapters

Activities at TBU in the year 2007 were in agreement with the Long-term Aims and Objectives for education, science, research, development, art and other creative activities at Tomas Bata University in Zlín and its Updating for the year 2007.

At the beginning of the year, the University expanded with the 5th faculty – on 1st January 2007 the Faculty of Humanities was established. In the sphere of investments, the most significant activity of the year was the construction of the University Centre in Zlín, and the reconstruction of building U11 into the Technology Park.

In the sphere of human resources, the qualification of academic workers was further improved, with the emphasis on increasing the numbers of professors, associate professors and scientific workers. A positive outcome is, that the number of scientific workers grew, even in younger age-groups. The support of further education of scientific workers, with the aim to enhance their career development, remains the main priority in the sphere of human resources care at TBU in Zlín.

In science and research, activities in basic and applied research were developed. The basic research was significantly strengthened by the activities and published results of the Polymer Centre of the Faculty of Technology, which focuses especially on research into engineering aspects of technologies and materials based on polymer composites. Within applied research, which was carried out especially at the University Institute, the emphasised areas included the development of polymer materials and products for health care and the development of technologies and products for food-processing. The TBU research units were significantly strengthened in terms of material and personnel resources. The number of Ph.D. students increased as well as the opportunities for graduates from the doctoral programmes to find positions within the evolving research centres.

In terms of internationalization, the Universities integration into the international structures continued. Apart from trying to increase the number of international students at TBU, the international cooperation also focuses on supporting international mobility of Czech students and teachers. Selected study programmes taught in English were accredited. TBU continued in providing an intensive course in Czech language for foreigners interested in studying in the Czech Republic.

7.2 TBU SWOT Analysis

7.2.1 Strengths

- a highly dynamic development of TBU on regional and international scales
- the use of ECTS and Diploma Supplement at the whole University
- operations of international scientific and research teams
- background in terms of space and material equipment on the European level
- investments in construction activities
- offering of a high number of places to study abroad
- a balanced structure of the University consisting of technical, economics, humanitarian, medical and artistic courses
- ensured conditions for professional development
- quality interpersonal relations (good relationships between students and teachers)

7.2.1 Weaknesses

- a high work-load for academic workers in the pedagogical process
- in long-term perspective not a very suitable structure of accepted contributions and grants for implementation of accredited study programmes and for the institutional support of science and research; the ratio of revenues from study programmes is too high compared to the income from other spheres; the amount of finances for the institutional support of science and research is stagnating; the revenues from cooperation contracts with production and business spheres are very low
- a low ratio of Ph.D. students to the total number of students
- a short history in comparison with some other universities

7.2.3 Opportunities

- the possibility to take a part of the study programme abroad and the support for mobilities
- following the graduates' success in the labour market and deepening mutual cooperation
- cooperation with international institutions; involvement in international projects
- accreditation of new Ph.D. programmes in English; increasing the number of Ph.D. students
- supporting the creation of further positions for scientific and research workers
- creating research centres in agreement with the defined priorities
- cooperation amongst the TBU faculties with the utilization of their strengths

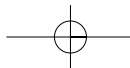
7.2.4 Threats

- a growing competition in the sphere of university education
- a limited amount of qualified experts and of financial resources for research, especially at the newly established faculties
- a stagnation in some of the traditional industries in the Czech Republic and Europe that the educational capacities of TBU have concentrated on
- an unfavourable demographic development in the Czech Republic

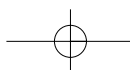
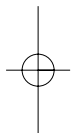
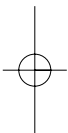
7.3 Tasks of TBU for the Year 2008

The tasks set for the year 2007 were fulfilled. From the achieved results, the following tasks arise for the TBU activities in the year 2008:

- to get the final building approval for the University Centre in Zlín and to start the operation of the new University Library and the TBU Centre
- to start operation of the Technology Park and the TBU Technology Transfer Centre in Zlín
- to prepare strategic investments supported by grants from European funds (reconstruction and completion of the Faculty of Technology, the European Centre for Polymer Systems, the Centre for Food-Processing Technologies, the Centre for Security and Fighting Terrorism, Centre for Doctoral Studies, and others)
- to carry out the preparatory analyses and project works for selected projects of the Operational programme research and development for innovation according to the document "Potential of TBU in Zlín in operational programme for research and development for innovation"



- to accredit further study programmes and courses at individual faculties in the Czech language in respond to the needs of the society and in agreement with the TBU Long-term Aims and Objectives
- to increase the number of accredited programmes taught in English
- to intensify the relationship between TBU and its graduates, to study and analyse their chances in the labour market, to create a Centre for Business Activities and Lifelong Learning
- to develop the activities of the TBU University Institute and the Technology Park at TBU in Zlín; to create personnel and technical conditions for setting up defined departments and groups for research and development
- to create conditions for improving the students' preparation for communication in English
- to improve the infrastructure of the University enabling communication in English



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List of Main Abbreviations

AC	Academia Centre	HRR	Halls of Residence and Refectories
AS	Academic Senate	MF	Ministry of Finance
CŽV	Lifelong Learning	MPO	Ministry of Industry and Trade
EUA	European University Association	MŠMT	Ministry of Education, Youth and Sports
FAI	Faculty of Applied Informatics	RVC	Regional Educational Centre
FaME	Faculty of Management and Economics	SP	study programme
FHS	Faculty of Humanities	TIC	Technology Innovation Centre
FMC	Faculty of Multimedia Communications	UNI	University Institute
FT	Faculty of Technology	U1 - U13	University buildings
FRVŠ	Universities Development Fund	U3V	University of the Third Age
GA ČR	Grant Agency of the Czech Republic	VVŠ	public university
IS	information system	TBU	Tomas Bata University