



ANNUAL REPORT 2015

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PAVOL JOZEF ŠAFÁRIK UNIVERSITY IN KOŠICE
UNIVERSITAS CASSOVIENSIS AB ANNO 1657

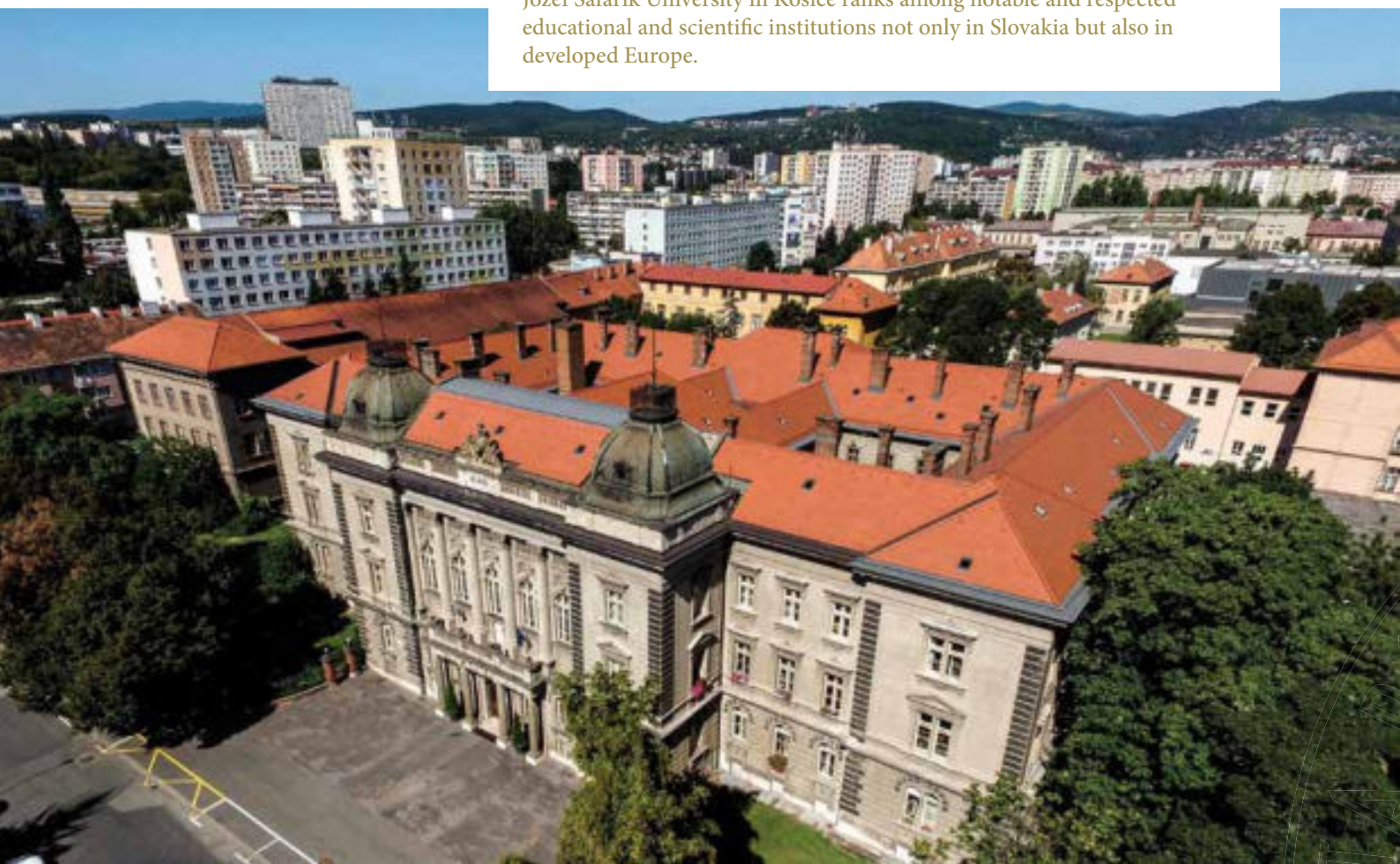
KOŠICE

– A CITY OF YOUNG PEOPLE

Pavol Jozef Šafárik University is located in Košice, which is a unique Central European metropolis and the second largest city in the Slovak Republic. The city lies in the Košice Basin in a wide valley of the river Hornád. It is the seat of the Constitutional Court of the Slovak Republic and of the Košice Region Self Government. The average age of city residents is 35 years, so it justifiably enjoys the attribute of the city of youth.

UNIVERZITA PAVLA JOZEFA ŠAFÁRIKA V KOŠICIACH
– wisdom of the past, knowledge of the present, education of the future

Pavol Jozef Šafárik University in Košice ranks among notable and respected educational and scientific institutions not only in Slovakia but also in developed Europe. Graduates from this second oldest classical Slovak university enjoy good reputation both in this country and abroad. Pavol Jozef Šafárik University in Košice ranks among notable and respected educational and scientific institutions not only in Slovakia but also in developed Europe.



ORGANIZATIONAL STRUCTURE

FACULTIES

- Faculty of Medicine
- Faculty of Science
- Faculty of Law
- Faculty of Public Administration
- Faculty of Arts

UNIVERSITY UNITS

- Institute of Physical Education and Sport
- Botanical Garden
- University Library
- Centre of Information and Communication Technologies
- Student hostels and canteens
- Centre of Lifelong Education and Project Support
- University Counselling Centre
- Teaching and training facility in Danišovce
- Folklore Ensemble Hornád
- Chorus Universitatis Šafarikianae – the University Choir



FACTS AND FIGURES

- President of the Slovak Republic, Andrej Kiska, appointed on 14th July 2015 Prof. RNDr. Pavol Sovák, PhD. the UPJŠ in Košice Rector for a term from 22nd August 2015 to 21st August 2019
- Award of the honorary degree of Doctor Honoris Causa to Prof. Jochen Harant from the Technical University in Ilmenau, Germany
- Opening ceremony of the renovated building MINERVA for students' leisure activities
- Open Door Day
- Reception of students on the occasion of the Students' Day who have been awarded the annual Rector's Award for Academic Excellence
- Opening ceremony of the renovated premises of the Faculty of Medicine Institute of Experimental Medicine
- Student scientific conference of medical faculties of the Czech Republic and the Slovak Republic
- Spring School of PhD students within the project "Development of Innovative Forms of Education and the Promotion of Interdisciplinary Studies at UPJŠ"
- International workshop Cycles and Colourings 2015
- Scientific conference "Charter of Fundamental Rights of the European Union"
- International scientific conference of PhD students and young scientists on company law institutes - public and private law aspects
- Opening of a new international Magister study programme "Public Policy and Public Administration in Central Europe" in cooperation with the Faculty of Public Policies of the Silesian University in Opava.
- EKASUS 2015: Economic aspects of local government V., a scientific conference with international participation
- Scientific seminar on the occasion of the 220th anniversary of the birth of Pavol Jozef Šafárik
- National competition of university students in literary pursuits and creative writing workshops ARS ŠAFARIKIANA
- International conference "Education in a Botanical Gardens and Arboreta" on the occasion of the 65th anniversary of the UPJŠ Botanical Garden

The main priority now is to ensure that the study at all the UPJŠ in Košice units is rooted in high quality scientific research led by a team of professionally erudite teachers who transfer the knowledge acquired through their own scientific research in the teaching-learning process. UPJŠ and its units' employees make every effort to arrange that the students work with high-end experimental instrumentation throughout their learning process, have the latest information and communication technologies available, as well as exposure to innovative methods of learning which they will be able to use in their future careers.

STUDY PROGRAMMES

The study programmes offer has been standard and long-term stabilized at all the UPJŠ units, which not only contributes to improvement and modernization of the educational process, but especially to correlate them with the requirements of practice leading to better employment as university graduates in the labour market.

- the total of 177 study programmes
- out of that number, 86 Bachelor, 49 Magister, 1 doctoral, and 41 programmes of the 3rd level of study

The University defended its leading position in the Slovak higher education milieu, particularly on the basis of internationally accepted research, as evidenced by the Accreditation Commission's inclusion of UPJŠ among the quartet of leading scientific research universities in Slovakia.

STRUCTURE OF STUDENTS

The total number of full-time students at the 1st, 2nd, and the joint 1st and 2nd levels has been slightly growing at the University. The challenge for the next years is to create conditions for increasing the number of international students at all the Faculties and all the levels of education. One of the options that could contribute to achieving this objective is a standard of enabling them to study not only in the Slovak language, but also in a foreign world language. The Faculty of Medicine and the Faculty of Science have progressed remarkably in this respect, offering the study of almost all the study subjects also in the English language.

The total number of students enrolled in the 1st and the joint 1st and 2nd levels of study is

- total 7,480
- of whom 6,777 are in the full-time study and 703 students enrolled for the part-time form of study

The total number of students enrolled in the 3rd level of study is

- total 516
- of whom 310 study in the full-time form and 212 students enrolled for the part-time study

The total number of graduates from the 1st and the 2nd levels and the joint 1st and 2nd levels of study is

- total 1,960

SUMMARY OF ACADEMIC MOBILITY OF STUDENTS WITHIN THE ERASMUS+

- the number of outgoing students: 80
(most of them in the Czech Republic)
- the number of incoming students from abroad: 80 students
(most of them from Italy and Spain)

ADMISSION TO STUDY

Applicants to several study programmes are only admitted on the basis of their grades attained at secondary schools (Faculty of Science and quite a number of study programmes at the Faculty of Arts). The Faculty of Medicine, the Faculty of Law, the Faculty of Public Administration and partly the Faculty of Arts (for single-subject study programmes: Psychology, English Language for European Institutions and Economy, English Language and French Language for European Institutions and Economy, English Language and German Language for European Institutions and Economy, British and American Studies, Gender Studies and Culture, Social Work, Mass-media Studies, History, Philosophy) admission procedure was realized based on results of written and/or oral admittance examination. The Faculty of Science requires from the secondary vocational schools and secondary school graduates passing an academic aptitude test under the National Comparative Tests organized by the SCIO company as an alternative option for their study grades. Electronic registration is mandatory at UPJŠ. Gradually, the process has been optimized, thus contributing to reducing the administrative burden to registration and prolongation of student cards, and subsequently to increasing the satisfaction of all the stakeholders. Experience shows the importance of providing timely and adequate information by the Faculties to the students on the time schedule of the electronic student enrolment.

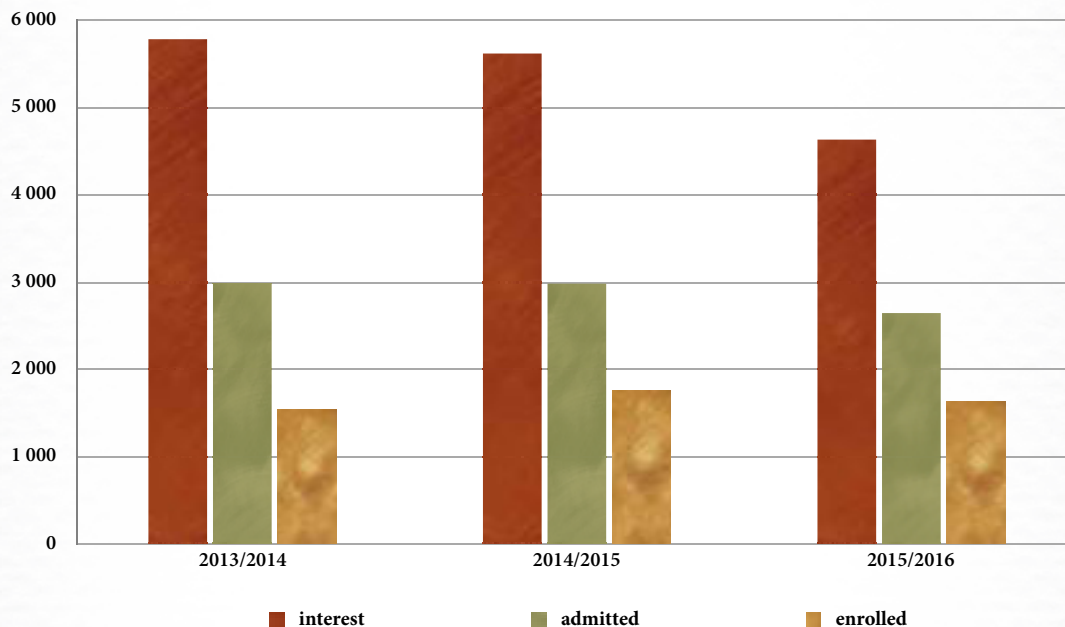
Administration of enrolment of incoming students is significantly facilitated by the support of the Academic Information System (AiS2) by an e-return form, including the international students. The electronic return form facilitates the process of production of personal identification cards for new students.

In the year 2015, a total of 6,450 students showed interest in studying at UPJŠ in the academic year 2015/16, with 5,784 students having passed the admittance procedure at all levels of study. Out of the above number, 5,170 applicants applied for the first level study, 1058 for the second level of study, and 222 for the third level of study. Out of this number, 3,759 applicants were admitted to study, with 2,663 students enrolled as of 30/09/2015.

The decline of interest in the study as documented by both the number of applicants and the admitted and enrolled students is associated with an unfavourable demographic development and the existence of private colleges both in economic and legal fields, as well with the media communication activities of low need for graduates from law, public administration, and in some social sciences, and with a lower interest in the part-time study. In the fields of natural sciences, Mathematics, Information Technology, and Academic Subjects Teaching, this may also result from interventions in educational curricula at secondary schools and universities, demonstrating a lack of appreciation of the value of education in society. However, there do exist study programmes at the University in the fields of study, the demand for which has traditionally been very high, where the number of applicants exceeds their capacity several times, and, contrary to that, there are fields of study, for whose relevant study programmes fewer candidates apply than the University is ready and able to admit. In the former group included are, for example, the study of General Medicine, where the ratio between applicants and the planned capacity was 4:1 Dentistry (6:1), the study of Journalism, Humanities, Biology, and interdisciplinary study of Biology-Chemistry, where the number of applicants exceeded the possibilities of the University

by almost a double in the year 2015. In contrast to the above, we may observe a relatively low public interest having lasted for quite a time in the study programmes, for example, in the fields of Mathematics, Physics, Information Science, which the University provides on a top level.

Trend in the number of applicants, admitted and enrolled students to study in the study programmes of the 1st and the joint 1st and 2nd levels



The situation in admission to the study programmes at the second level of higher education in the year 2015 was somewhat different from the one having occurred at the first level study programmes. Most graduates UPJŠ from the 1st level continue to study at this University at the second level, as was the case in recent years. Compared with previous years, there has been a growing interest in studying at the 2nd level of graduates from other universities who are often coming with lack of theoretical and practical knowledge, which increases the demand to determine the precise conditions for admission at the 2nd, Magister level of study at UPJŠ. We have noted greatest interest in the Magister level of study after completing the first level at another university mainly at Faculty of Arts, where some of the study programmes necessitated the admittance examination in the study programme for all the students of Psychology and in the study programme of British and American Studies for the students coming from other universities.

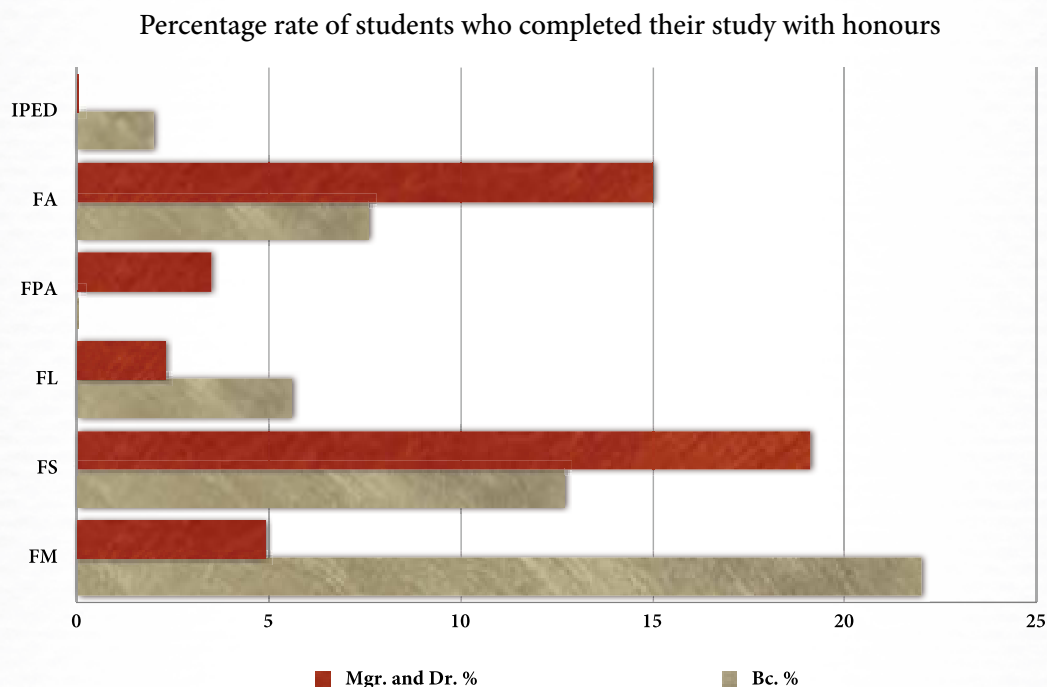
The admission procedure for the third level has its own specific characteristics arising directly from the Higher Education Law Act. We implemented the PhD study in cooperation with external educational institutions (especially the Faculty of Science), which places increased demands on the organization. The main mission of UPJŠ at this level of education is to

maintain its scientific and research character. This study is implemented according to the PhD Study Rules of Procedure at UPJŠ, which sets out the fundamental basis for the admission procedure, the requirements necessary for accumulation of credits in both research and study parts, including the rules for awarding the credits, the procedure of the dissertation examination and the dissertation thesis defence. The latest admission procedure shows that the allocated number of PhD positions for full time PhD students roughly corresponds to the interest in that study, in particular at the Faculty of Medicine and the Faculty of Science (1 and 1.4 applicants per place), and also at other faculties was appropriate in view of the Training Capacity (2 applicants for 1 place). High interest in the full-time study was mainly at the Law Faculty (3.3 applicants for 1 place).

As on 31/12/2015, a total of 310 full-time PhD students and 212 part-time PhD students were studying at the University, making up for the UPJŠ total of 516 PhD students.

GRADUATES FROM THE UNIVERSITY STUDY

In the academic year 2014/2015, 1,960 students were successfully graduated from the university study at the 1st, 2nd, and the joint 1st and 2nd levels of study. A closer look at the structure by the level and the Faculty is given in Table 2 of the statistical annex to this report.



The following chart summarizes the percentage of students who graduated with honours. These data are presented to complete the idea of high demands on the study at various levels. Despite the fact that the students of the Faculty of Science and the Faculty of Arts achieve the highest percentage in terms of the number of students excluded for poor academic performance, the highest number of students who complete their studies with honours has paradoxically been at those Faculties.

The issue of employment of university graduates is now becoming one of the priority topics discussed in public. We follow closely the data published by the Ministry of Education, Science, Research, and Sport of the Slovak Republic on the UPJŠ graduates employment rate. The data published show that the graduates from the Faculty of Medicine and the Faculty of Science rank among those with the best employment rate in the Slovak Republic. There is a growing issue, however, in finding

employment for the graduates from the Faculty of Law and the Faculty of Public Administration, which was partly caused by the establishment of private colleges in the field of law and economics, resulting in the market saturation. In these fields, the issue of the quality of education still does not play a major role in Slovakia. UPJŠ does not underestimate this issue and takes measures to improve the graduate employment.



CONTINUING EDUCATION

CENTRE OF LIFELONG LEARNING AND PROJECT SUPPORT

The Centre of Lifelong Learning and Project Support implemented in the year 2015 a range of commercial and non-commercial activities for the graduates and the public, for example courses of enhancing digital literacy, trainings in the field of public finance and public administration, training and consulting activities.

- 116 primary and secondary schools teaching staff completed their first and second attestation study
- education of "Interactive Whiteboard in the Classroom at Secondary School" was attended by 38 secondary school teachers
- training at the IT Valley Academy – the SAP ACADEMY project was completed 68 employees
- the international ECo-C certificate was awarded to 72 students
- the international ECDL certificate was awarded to 176 students



The basic form of research at the University is organized in research teams, headed by prominent scientific personalities; these scientific personalities carry the research topic. Research teams, especially in the case of interdisciplinary research, are often made up of investigators from various institutes, faculties, and the scientific cooperation frequently goes well beyond the University, when in addressing the research tasks, investigators from other national and international universities and research institutions or even from the business environment are also involved. Priority in forming the research teams is a particular need for a comprehensive settlement of the issues studied and competence of the investigators.

PROJECTS

In the year 2015, the projects to be financed from national or international sources involved 84 employees. Since mainly the basic research is carried out at UPJŠ as a classic university, the main types of outputs of research work of creative employees at UPJŠ are, depending on the research field addressed, represented by publication outputs mainly in the form of monographs, contributions to monographs or scientific papers published in journals registered in the WoS, SCOPUS, and recently also ERIH databases.

Projects supported by national grant schemes

- a total of 157 projects
- 139 of them are research projects and 18 other projects

Projects supported by international grant schemes

- a total of 23 projects
- 5 projects are funded by the European Commission, other 13 research projects and 11 projects of other than research type
- the employees have won the funding totalling € 690,924.00 for addressing international research projects by a competitive form

In the year 2015, 84.6% of creative employees (adjusted number) were involved in addressing the projects financed from national or international sources.

Since mainly the basic research is carried out at UPJŠ as a classic university, the main types of outputs of scientific work of creative employees at UPJŠ are, according to the field of research, represented by publication outputs mainly in the form of monographs, contributions to monographs or research papers published in journals registered in the WoS, SCOPUS, and recently also ERIH databases. Following the new evaluation criteria developed by the Accreditation Committee, effort has become important to have the research results published in scientific journals with the impact factor (IF) registered and that the IF of the journal has a value higher than the value determined by the Accreditation Commission for the inclusion of the publication in the category A. The above aspect has gained an even greater importance with regard to the new minimum requirements for the accreditation of rights for the appointment procedures of associate professors and professors.

PROJECTS ACQUIRED BY COMPETITION

For addressing the research projects in the year 2015, the employees UPJŠ acquired in competitive forms the total volume of funds from the national sources totalling € 1,995,369.00, of which € 695,833.00 for the VEGA projects, € 111,856.00 for the KEGA projects, and € 1,287,680.00 for the APVV projects. The average amount of funds obtained from the national research projects per one employee amounts to € 2,601.00.

TOP SCIENTIFIC TEAMS

- QMAGNA
Quantum Magnetism and Nanophysics
Faculty of Science
- Bioaktiv
A team of research into bioactive compounds for biomedical applications
Faculty of Science
- EXTASY
Team of excellence for the research into atherosclerosis
Faculty of Medicine

INTERNAL GRANT SCHEME

The so-called Internal Research Grant Scheme for young university teachers and researchers and PhD students in their full-time study (VVGs) is introduced at the University to improve the training of PhD students and young researchers and teaching staff. In the year 2015, 28 projects were addressed altogether.

PUBLICATIONS

In the year 2015, the UPJŠ staff published a total of 2,402 publication outputs. Each creative employee published 3 outputs or 0.4 outputs in peer-reviewed journals in the period assessed. The research orientation of UPJŠ is evidenced by the fact that the University employees in the year 5 under the Central Register of Publication Outputs (CRPO) database published 302 papers in scientific peer-reviewed journals, representing almost 12.5% of all the papers in peer-reviewed journals published by higher education establishments in the Slovak Republic (2,459) and registered in the CRPO system. It is worth noting that the share of UPJŠ in the total number of students at public universities in Slovakia only represents 5%.

HABILITATION (ASSOCIATE PROFESSORS APPOINTMENT) PROCEDURES AND THOSE FOR THE APPOINTMENT OF PROFESSORS

- habilitation procedure: 15 associate professors (mean age 49)
- inaugural procedures: 6 applicants (mean age 52)

The University has an effective system of control over the implementation of educational, scientific and other criteria for candidates for the appointment procedures consisting in checking the candidates' inaugural file by the UPJŠ Rector before the inaugural committee and the reviewers are appointed.

HUMAN RESOURCES

In line with the long-term prospects of UPJŠ for the years 2011 to 2017, the organization and management continued in purposeful integration of the academic, economic, administrative, and other related activities at the University. In order to ensure the stability of the University, focus was on creating an effective organizational structure with a view to the success of the University in the following complex accreditation. The basic assumption was to create the conditions for personal development of all the employees, as well as adequate social conditions for the staff and students. It was necessary to observe the internal wage regulation in such a way that the evaluation of the quality of work is reflected in the variable component of their service salary. Achieving a continuous and qualified personnel background of individual units was in the area of human resource development aimed at increasing the qualification structure and creating the conditions for personal development of young scientists. The aim remains to morally and financially motivate the creative staff of the University to improved performance on the principle of transparency and deserved justice.

EMPLOYMENT STRUCTURE

Unit	Main performance									PČ	Total
	MESRS SR subsidy								Main performance non-subsidized		
	Teaching staff					Other staff without research	Science and research staff	Total			
	Prof.	Doc.	OA	A, L	Total						
FM	50.7	31.7	157.8	32.5	272.7	126.8	52.6	452.1	42.1		494.2
FS	32.2	50.5	60.2	2.8	145.7	98.2	70.1	314.0	19.6	14.5	348.1
FL	7.3	15.6	28.2	3.8	54.9	17.5	4.6	77.1	10.1		87.2
FPA	2.0	8.0	19.2		29.2	17.6	0.1	46.8			46.8
FA	18.1	25.6	73.4	14.1	131.1	31.6	1.0	163.7			163.7
RaUP		2.4	6.0	4.7	13.1	175.0		188.1	6.9	8.0	203
SH						46.2		46.2	8.0	5.9	60.1
SC									18.5	17.7	36.3
Total	110.3	133.8	344.8	57.8	646.7	512.9	128.4	1288.0	105.2	46.1	1,439.4

Key:

OA	specialized employees	FM	Faculty of Medicine
A	assistants	FS	Faculty of Science
L	lectors	FL	Faculty of Law
MP	main performance	FPA	Faculty of Public Administration
BA	business activities	FA	Faculty of Arts
SC	student canteens	UU	University units
SH	student hostels		

In the year 2015, UPJŠ employed 1,439 employees, which when compared with the year 2014, is an increase in 12 employees. The number of employees in the category of researchers remained comparable to the year 2014.

NUMBER OF EMPLOYEES BY AGE

less than 30 years	124 employees
up to 40 years	428 employees
up to 50 years	371 employees
up to 60 years	413 employees
up to 65 years	129 employees
over 65 years	73 employees

STAFF QUALIFICATION STRUCTURE

	Professors	Associate Professors	PhD.	University without PhD.
Faculty of Medicine	43	58	203	85
Faculty of Science	32	54	113	14
Faculty of Law	8	16	33	8
Faculty of Public Administration	2	9	20	0
Faculty of Arts	15	29	75	19
University units (total)	0	3	5	4
UPJŠ (total)	100	169	449	130

NUMBER OF UNIVERSITY TEACHERS

Number of professors and associate professors with the DrSc.	96,43
Number of associate professors without the DrSc. degree	160,07
Number of teachers with the CSc., PhD. degree	316,85
Number of without an academic degree	80,35
Total	653,70

ENGAGEMENT OF EMPLOYEES IN MOBILITY

The UPJŠ employees implemented in the year 2015 international mobility, particularly within the mobility programmes and international projects. The largest number of employee mobility programmes was implemented within the Erasmus+, programme which marked an increase compared to the previous year. Based on international institutional agreements, the University cooperated with 189 universities. Increase in interest in mobility programmes is reflected in the increased number of mobility for teaching and training purposes, the latter having been dominated by the office workers' mobility sojourns as an appropriate option for obtaining international experience. Most of the mobility Erasmus+ trips were made in the neighbouring countries, mainly in the Czech Republic. In addition to the Erasmus+ mobility programme, the UPJŠ employees also took advantage of the Visegrad Scholarship Programme platform, and a large number of the UPJŠ staff mobility trips was carried out within research projects and ESF educational projects of interdisciplinary character.



DEVELOPMENT

In its development prospect for the years 2011-2017, Pavol Jozef Šafárik University in Košice management defines eight priorities (areas) of major importance.

In the year 2015, 6 projects were implemented at UPJŠ of the EU structural funds from the European Social Fund in the Operational Programme Education, including 5 projects in the Priority Axis 1, Reform of Education and Training (Measure 1.2. Higher Education Establishments and Research and Development as the Drivers of Knowledge-based Society) and 1 project in the Priority Axis 2 Continuing Education as a Tool for Human Resource Development (Measure 2.2 Support for Continuing Education in Healthcare).

Serial No.	Project name	Project total budget
1	KVARK Quality of Education and Development of Competences of Post-PhD Fellows at UPJŠ in Košice	€ 1,675,354.62
2	IRES Project of Innovation for Knowledge-based Society	€ 1,967,708.99
3	SOFOS Development of Knowledge and Skills of the Staff and Students at UPJŠ in Košice with an Emphasis on Interdisciplinary Competences and Integration into International Research Centres	€ 2,230,338.08
4	RIFIV Development of Innovative Forms of Education and the Support to Interdisciplinary Study at UPJŠ in Košice	€ 1,406,309.95
5	DiSaC Extension of the study programme of Slovak Language and Literature in Combinations at the Department of Slovak Studies, Slavic Philology, and Communication at the UPJŠ in Košice Faculty of Arts in the Didactics of Slovak as a Foreign Language	€ 172,054.75
6	REZIDENT Continuing Education in Specialized Fields of General Medicine and Pediatrics at the UPJŠ Faculty of Medicine	€ 1,382,697.08

13 projects from the European Regional Development Fund in the Operational Programme of Research and Development were implemented at UPJŠ in the year 2015, of which 1 project in Priority Axis 5 Higher Education Establishments Infrastructure (Measure 5.1 Building the Infrastructure of Higher Education Institutions and Modernization of Their Interior Equipment to Improve the Conditions of the Education Process), 11 projects in Priority Axis 2 Support for Research and Development (Measure 2.2 Transfer of Knowledge and Technology from Research and Development

Into Practice - 10, Measure 2.1 Support of Networks of Centres of Excellence in Research and Development as Pillars of Regional Development and Interregional Cooperation - 1), 1 project in the Priority Axis 1 Infrastructure of Research and Development (Measure 1.1 Modernization and Building of Technical Infrastructure for Research and Development).

Serial No.	Project name	Project total budget
1	PLATÓN (Renovation of the building of the UPJŠ Faculty of Arts)	€ 2, 297,726.83
2	MEDIPARK (Medical University Science Park in Košice)	€ 22,565,368.98
3	PROBIO (Probiotic Microorganisms and Bioactive Substances of Natural Origin for a Healthier Population of Slovakia)	€ 919,700.50
4	CEBT (Centre of Excellence in Biomedical Technologies)	€ 3,717,230.00
5	MRKARDIO (Construction of Magnetic Resonance Imaging Laboratory for Cardiovascular Research)	€ 3,128,320.00
6	TECHNICOM (TECHNICOM University Science Park for Innovative Applications Supported by the Knowledge Technology) Main partners: Technical University in Košice	€ 4,262,103.30
7	PROMATECH (Research Centre of Advanced Materials and Technologies for Current and Future Applications) Main partners: SAS Bratislava	€ 2,450,946.60
8	VERZDAV (Research Centre of Advanced Technologies for Monitoring and Diagnosticis of Diseases Threatening Public Health) Main partners: Medirex, a.s.	€ 830,799.00
9	Tfaktor (Innovation of Technological Process for the Preparation of Immunomodulating Transfer Factor, Verification of its Effectiveness, Safety and Formulation) Main partners: IMUNA PHARM, a.s., Šarišské Michalany	€ 257,257.70
10	DIAGONKO (Competence Centre for Research and Development in Diagnosticis and Treatment of Cancer) Main partners: Comenius University in Bratislava	€ 378,080.56
11	BIODIAG (Research Centre of Applied Biomedical Diagnostics) Main partners: Sembid s.r.o.	€ 932,877.00
12	Probiotech (Competence Centre for Biomodulators and Supplements) Main partners: SAS Institute of Physiology of Livestock	€ 1,202,178.52
13	IFNG (Fundamental Study of Immunomodulatory Activity of Cytokines in Different Stages of Development of Psoriasis) Main partner: SHIMADZU SLOVAKIA, a branch	€ 2,822,084.80

UNIVERSITY SCIENCE PARKS AND SCIENCE-RESEARCH CENTRES (USP)

The key development strategy of the University was to continue in creating scientific research centres and University science parks as part of "Košice Science City".

The priorities of the University included continued implementation of projects having the following aim:

- construction of biomedical University science park integrating infrastructure and human potential of the staff working in the basic biomedical research at the Faculty of Medicine and the Faculty of Science in collaboration with partner organizations in the region, with an impact on applied research, collaboration with clinical departments at the UPJŠ Faculty of Medicine and with the impact on the development of spin-off organizations – the MEDIPARK Košice project;
- partnership in building a centre for research into advanced materials with an emphasis on finalizing the existing infrastructure with the aim of implementing excellent basic research and providing services for industrial partners – the PROMATECH project;
- in partnership with the TUKE – UPJŠ participation in ICT in the Science Park – the TECHNICOM project.

UNIVERSITY SCIENCE PARK (USP) MEDIPARK

The strategic objective of the project is to build the USP MEDIPARK Košice as an excellent national and international centre for applied research and development and transfer of research results into practice in the medical field. Academic The institutions participating in the project are: P. J. Šafárik University (Faculty of Medicine and the Faculty of Science), University of Veterinary Medicine and Pharmacy (UVMP), SAS Institute of Neurobiology (IN), and Technical University of Košice (TUKE).

Implementation of the project leading to building the USP MEDIPARK Košice is carried out in three main groups of activities:

1. Creation of physical infrastructure in the USP MEDIPARK Košice as a sophisticated technological unit at Trieda SNP 1 in Košice. The second building implemented within constructing the physical infrastructure of the USP MEDIPARK Košice will be the pavilion of surgery and PGA of small animals in the University Veterinary Hospital (UVH).
2. Implementation of the cutting-edge applied research in selected fields of science, including its social and humanitarian dimension projected into public health in five core research programmes:
 - Pharmacogenetics and Individualized Treatment
 - Metabolism – Atherosclerosis – Aging
 - Neuroscience
 - Regeneration and Reproductive Health
 - Zoonoses and Major Infectious Diseases

3. Organizational and managerial arrangement of operation of the USP MEDIPARK Košice aimed at a) support of the applied research in key (CORE) scientific fields, b) ensuring intellectual property of the results of applied research, c) transfer of these results into implementation practice through spin-off procedures. UPJŠ is planning to build complex institutional facilities for the transfer of results of research and development into practice in this project based on cooperation with the centres of the partner institutions – UCITT (TUKE) and CEKOODUV(SAS) focusing on commercialization of knowledge and intellectual property.

The anticipated specific results of research in the USP MEDIPARK Košice with the transfer into clinical practice are: development of personalized medicine in the treatment of tumour diseases and in the field of reproduction; the use of innovative practices in the prevention, diagnosis, and treatment of internal diseases; making use of new technologies in microsurgery and minimally invasive endoscopic surgery; innovative treatment of degenerative diseases and injuries of nervous tissues and degenerative diseases and injuries of the skeleton; control the spreading of zoonoses and of major infectious diseases.

USP TECHNICOM FOR INNOVATIVE APPLICATIONS WITH THE SUPPORT OF KNOWLEDGE TECHNOLOGIES

The University Science Park TECHNICOM will perform the following functions:

- arranging the establishment of business incubators for SMEs "Hi-Tech" companies, start-up of "spin-off" companies generated mainly on the basis of the results of relevant R & D results undertaken within the framework of research and innovation activities and projects at universities and SAS Institutes;
- promoting a wide-ranging, effective and mutually beneficial research and development cooperation between institutions of universities and SAS Institutes and the relevant organizations of social and economic practice;
- creating the conditions for sustainable development of research and development with permanent impact on the transfer of knowledge and technology or innovative practice at international, national, and even regional levels;
- in cooperation with the University Centre of Innovation, Technology Transfer, and Intellectual Property Protection - UCITT at TUKE become the first point of contact for companies that will be interested in cooperating with research and development teams at university workplaces;
- providing guidance, training activities, and carrying out expertise activity.

The project for the UPJŠ part is fully performed by the Faculty of Science, the project partners being the Technical University in Košice and Prešov University in Prešov. The first phase of the project was carried out from June 2013 to December 2015. The total eligible costs for UPJŠ as partner in the project consisted of the sum of € 4.48 million. In the year 2016, the second phase of the project is planned, which foresees the completion of the construction activities and the commissioning of the University Science Park. Project activities involved scientific research groups in the field of Information Technology and Information and Communication Technologies of the Institute of Information Science, the Institute of Mathematical Sciences, Centre of Applied Information Science, the Institute of Physical Sciences, and the Institute of Geography. Reasonable results have been attained within the pilot projects. In each of the pilot projects, cooperation agreements were concluded with other entities, which creates the preconditions for attaining the mission of the science park and ensure sustainability of the selected activities. In terms of infrastructure, the main benefit of the project is contained in obtaining unique devices.



PROMATECH RESEARCH CENTRE

Strategic objective of the project:

Building of the national Research Centre of Advanced Materials and Technologies for Current and Future Applications (PROMATECH).

Specific objectives and activities of the project:

1. Supporting the development of R & D institutions and their scientific and technological infrastructure. Construction and operation of the Research Centre of Advanced Materials and Technologies
2. Cooperation within the academic sector in the implementation of applied research and development. Applied research into and development of new materials and technologies.
3. Improving the quality of the transfer knowledge and technology in social and economic practice. Establishing a platform for the technology transfer.

The main partner in the project was the SAS in Bratislava and the intention was to build a research centre of advanced materials and technologies for current and future applications. Scientific research groups from the UPV and ÚCHV have been involved in the project. The project partners included the SAS Institute of Materials Research in Košice, Institute of Experimental Physics in Košice, Institute of Geotechnology of Košice, SAS Institute of Materials and Machine Mechanics in Žiar nad Hronom, UPJŠ, and the Technical University in Košice. In the year 2014, construction works were completed, and in the autumn they were successfully completed by the final approval inspection. New laboratories were retrofitted during the year 2015 with a planned instrumentation infrastructure. Toward the end of the year 2015, procurement was completed, and the IT networks were introduced in laboratories, active network components and office furniture were purchased. But the purchase of laboratory furniture failed due to the belated date of the completion of public procurement. As regards the professional aspects of the project, research activities in the development and study of materials for ICT technologies and cryo technologies, new magnetic materials based on composites and micro wires continued to be carried out.

THE FIELD OF INNOVATION AND TRANSFER OF TECHNOLOGY AND KNOW-HOW INTO PRACTICE

The ambition of the Division for the Transfer of Research Results and Know-how into Practice (DT) is to significantly contribute to the development of the University by supporting the commercialization of a part of the academic research, fostering cooperation between UPJŠ and the production or commercial sector, popularization of innovative strategies in science, research, and education and by providing know-how in the field of intellectual property protection. The long term goal of this Division is coordinating the activities leading to commercialization of intellectual property and know-how emerging at UPJŠ. DT attains that end in close collaboration with the creators of intellectual property acting at individual UPJŠ Faculties and other workplaces, as well as in conjunction with the activities of SAFTRA s.r.o., a commercial entity wholly owned by Pavol Jozef Šafárik University in Košice.

In the year 2015, the UPJŠ subsidiary – SAFTRA, s.r.o. – continued its activities with UPJŠ 100% capital participation (founded in the year 2013), pursuing the following objectives:

- a) fostering the transfer of research results and know-how into practice,
- b) providing expert activities based on know-how originating at UPJŠ to third parties,
- c) contributing to increasing the University Development Fund.

SAFTRA, s.r.o. is an instrument through which a creative worker of UPJŠ carries out transfer of research results and know-how into practice, thus commercializes their work while contributing to the economic growth of the University.



INTERNATIONAL ACTIVITIES

In terms of international quality assessment of UPJŠ, what appeared particularly important in the year 2015 was continuing the involvement in the international ranking, especially U-Multirank, URAP 2015-2016, and RankPro 2015/2016. Methodological diversity of ranking allowed to rank UPJŠ in terms of performance in the field of scientific research, education, and in the case of U-Multirank, also taking into account the results of a survey conducted on a sample of students. UPJŠ defended its position attained in recent years and by URAP 2015-2016 it also raised to the 415th position in Europe and the second best university in Slovakia.

Compared to the previous period, the total number of individual, group, and institutional memberships in international organizations at UPJŠ respective Faculties and units increased in the year 2015 and reached 389 memberships. On average, nearly every other teacher and researcher at the University was involved in the work in international organizations, bodies or associations. In view of the nature of these memberships, it was dominated by individual membership, indicating a continuing high reputation of the UPJŠ staff in international professional and scientific circles. Activities of the relevant Faculties, departments and the employees themselves were, in addition to international memberships, complemented by their participation in over 100 editorial boards and scientific committees of various international academic and professional journals.

An important role in the internationalization of the UPJŠ activities was also played in the year 2015 by the European Documentation Centre, the Austrian Library, and the Institute of European Law, membership in the Slovakia-France University Institute, and the Košice IT Valley. UPJŠ was monitoring the activities of the Magna Charta Universitatum Observatory, a principle which UPJŠ avows to and belongs to its signatories. In the year 2015, UPJŠ was active through the work of UPJŠ experts in committees for the selection of grantees of the National Scholarship Programme, the Central European Exchange Programme for University Studies (CEEPUS), membership on the SAAIC Board of Trustees, participation in the tender committee of the International Visegrad Fund. UPJŠ collaborated closely with the SAIA in promoting the possibilities of obtaining scholarships for its students and employees, as well as potential scholarship holders from abroad. UPJŠ continued to be a member of the EUA (European University Association) in the year 2015 and actively participated in the activities of the above association.

INTERNATIONAL SCIENTIFIC AND RESEARCH ACTIVITIES

10 new agreements were signed In the year 2015 at the university level with partners from Ukraine, Uzbekistan, the Netherlands, Spain, Vietnam, and Austria. The relevant Faculties and units concluded in the year 2015 a number of international treaties, the Faculty of Medicine expanded its contractual cooperation with the University of Groningen (The Netherlands) and with the Department of Surgical Diseases at the Faculty of Medicine of the Uzhgorod National University (Ukraine), international contractors of the Faculty of Science came to include the Pomeranian University in Slupsk (Poland), the Faculty of Public Administration signed a new cooperation agreement with the University of Computer Science and Economics in Olsztyn (Poland), and the Institute of Physical Education and Sports was awarded a new agreement with the AJD in Czestochowa (Poland).

INTERNATIONAL ACTIVITIES IN THE FIELD OF EDUCATION

Increased interest in mobility programmes was noted in the year 2015 by the students, teachers and administrative staff. The number of outgoing students under the Erasmus+ mobility study has been stable over the past three academic years, but there was a decrease and an increase floating at individual Faculties, and the number of outgoing students within the Erasmus+ mobility internship kept increasing every year, when in the academic year 2014/2015 it reached the number of 76 outgoing students, and in the academic year 2015/2016 it reached the highest levels so far with 80 outgoing students. In both of the above academic years, the Faculty of Medicine dominated in this indicator, where in the academic year 2014/2015 there were 44 outgoing students followed by 49 students in the 2015/2016 academic year. The students outgoing in internships preferred placement mainly in organizations in the Czech Republic in the academic years 2014/2015 and 2015/2016 (out of 23 traineeships in the year 2014/2015 and 21 internships in the year 2015/2016).

Within the Erasmus+ studies and placements, UPJŠ admitted 68 students in the academic year 2014/2015 and 80 students in the academic year 2015/2016 from abroad, which in comparison with previous years represents the highest number yet. Students from Spain and Italy were the largest group of admitted students in the academic year 2014/2015, and their number reached a half of all the international students admitted in the academic year 2015/2016.

Mobility programmes were increasingly attended by the UPJŠ staff. A total of 49 placements took place under Erasmus+ in the academic year 2014/2015, and a total of 73 mobility teaching placements in the academic year 2015/2016. In terms of mobility for training purposes, the number of outgoing staff increased from 52 in the academic year 2014/2015 to 81 in the academic year 2015/2016. In the inter-faculty comparison, most teachers travelled abroad from the Faculty of Arts in the academic year 2014/2015 (a total of 19 teachers) and also in the academic year 2015/2016 (a total of 30 teachers). For training purposes mobility, the staff of the Faculty of Medicine dominated in the academic year 2014/2015 (with 15 employees) and the staff of the Rector's Office in the academic year 2015/2016 (with 20 employees). The dominant position of the Faculty of Medicine in the total number of international self-paying students was confirmed in the year 2015. Compared to the year 2014, the number of self-paying students at the Faculty of Medicine even increased, by 126 students. Compared to the year 2014, the number of self-paying students at all the UPJŠ Faculties also increased.

UPJŠ offered 8 joint study programmes and double degree programmes at all the Faculties, having been conducted by four Faculties with their international partners in the year 2015. The largest number of such programmes was implemented at the Faculty of Science. Since September 2015, a new joint degree programme also started at the Faculty of Public Administration, which is the only joint study programme at UPJŠ. Financing of double diploma programmes was mainly implemented through educational projects.

QUALITY OF FINANCIAL MANAGEMENT

The revenue side of the budget is divided into subsidies from the state budget in the form of subsidy contracts, subsidies received through the Ministry of Education, Science, Research, and Sport of the Slovak Republic (MESRS) grant system under the competition format and the non-subsidy income. The total revenues of the University amounted to € 74,554,468.99. The structure of these revenues in the year 2015 was as follows: regular subsidy from the MESRS of 40.50% Other subsidies from the state budget of 0.26%, the EU Structural Funds 37.91%, international projects 1.70%, donations and grants 0.48%, business activities 2.86%, capital subsidies 0.26%, other income 16.03%. Obtaining the grants and non-subsidy income at UPJŠ involves all of its constituents. The critical resource for covering expenditure in the educational process, scientific and research activities, as well as social-welfare support for students was represented also in the year 2015 by the state budget subsidy granted by the Ministry of Education, Science, Research, and Sport of the Slovak Republic.

One of the indicators, which shows the quality of budgeting and management of public funds, is profit, which in the year 2015 amounted to € 1,761,708.20. The above profit was earned by the difference between the UPJŠ total revenues in the amount of € 54,526,376.62 and the total cost of € 52,764,668.42. These values reflect the main performance and the business activities.

QUALITY OF EDUCATION

The internal quality assurance system of education at UPJŠ is consistent with the Slovak Higher Education Law Act Amendment and builds on the recommendations, which were approved by Ministerial Communiqué, the Bologna Process signatories of 19/09/2003 in Berlin and developed by the European Association for Quality Assurance in Higher Education (ENQA) in the form of Standards and Guidelines for Quality Assurance in the European Higher Education Area (ESG). The basic principles of this internal regulation are based on the standards required in the European educational area in internal and external assessment of the quality of education. In particular, the following principles are considered:

- UPJŠ is primarily responsible for the quality of education and its evaluation.
- UPJŠ guarantees the interest of the academic community in compliance with the standards and procedures for the maintenance of the required quality,
- the curriculum quality is developed for students across the European learning
- space (the European Higher Education Area - EHEA)
- UPJŠ adapts its organizational structure to ensure effective study programmes,
- UPJŠ considers transparency and external expertise an important aspect of maintaining quality in education,
- Processes to ensure the quality of education are taken with regard to UPJŠ responsibility for the efficient use of both public and private financing resources
- Processes to ensure the quality of education are fully compatible with the management of the University ones,
- UPJŠ encourages the publication of its evaluation in the national educational space and in the EHEA.

Inherent in planning, organizing, and registering the study is the Academic Information System - AiS2, which has become a standard tool for the administration of higher education at UPJŠ.

Maintaining the scientific and scholarly nature of the PhD study is one of the priorities of the UPJŠ Long-Term Strategy. The new Study Rules of Procedure for the PhD study at UPJŠ help attain this goal. The main benefits of this internal regulation are strict rules on the minimum credit values that a student must obtain in both educational and scientific part of the curriculum, with the emphasis laid on the quality of scientific output. The highest number of internal PhD students and the number of accredited study programmes is at the Faculty of Science.

QUALITY RESEARCH AND CREATIVE ACTIVITY

The Ethics Committee operating at the University is in charge of ensuring the ethics of the research carried out at UPJŠ. The Committee assesses the ethical aspects of research in the field of medical sciences and life sciences. Ethics in research is closely related to the use of anti-plagiarism system introduced by the MESRS SR especially in checking the degree theses at the PhD level of education which are based on sound science, and their results are published in reputable scientific periodicals.

The quality of research is also provided by way of international cooperation which takes place at the level of scientific teams. To promote international cooperation, UPJŠ had in the year 2015 agreements on scientific cooperation signed with 84 universities and institutes abroad, two bilateral APVV projects were addressed. In the year 2015, international cooperation was supported by implementation of almost 1,030 short-term and long-term research programmes and placements of creative employees and PhD students at international universities in more than 115

countries worldwide. In return, UPJŠ hosted in the year 2015 study, research, and lecture placements of creative staff in the number of 163 of them.

UPJŠ does not offer arts curricula, but occasional artistic achievements resulting from the activities within the Faculty of Arts employees are

registered in the Central Register of Artistic Outputs. The financial management system is evaluated separately in the annual report on the UPJŠ management in the year 2015 (quality of the budget and its observance, attaining the goals outside the subsidy resources, targeted savings, etc.).



UNIVERSITY COUNSELLING CENTRE – UNIPOC

It is the role of the specialists at the University Counselling Centre (UNIPOC) to render special services to all the students, including the students with special needs, in the following areas:

- legal advice,
- psychological counselling,
- social-welfare counselling,
- care of students with specific educational needs,
- career guidance

Career guidance includes a set of services including the provision of information on educational and career opportunities, professional guidance and counselling in the real sense of the word - educational counselling relationship between the counsellor and the client

UNIVERSITY LIBRARY (UL)

The University Library is involved in the provision of information to the teaching and research activities of staff and students of the University, creating the conditions for providing the support to the educational process and a stimulating environment for its users. It provides lending-out services, on-the-site lending services, consulting and reference services in the study rooms, research services and information services from its own databases and external information resources, interlibrary loan services (including international), reprographics and scanning services from the library collections. It also ensures registration of UPJŠ employees' publications. Its services are rendered through dislocated workplaces – the Philosophical Libraries, the Medical Library, the Faculty of Public Administration Library, Law Library, Science Library, Austrian Library, and the European Documentation Centre. The UL registered 7,899 of its users in the year 2015.

By way of implementation of the library-information and cultural forms, the UL was involved in the educational process of its users. Their aim was to enhance the information literacy of its users, which is to lead to an independent orientation in the search for relevant information from the available specialized internal and external information resources and then to developing the ability to review and correct use. These UL objectives are pursued through information education courses designed for the 1st grade and other grades students as required by the Faculties (the Faculty of Arts and the Faculty of Public Administration). The UL participated in the training for work with electronic databases in cooperation with suppliers, by organizing exhibitions, seminars for winning the scholarships (e.g. in cooperation with the SAIA). The UL organized 55 ventures for its users, of which 35 focused on information education. Webinars have proven a well-tested form of learning for users and library workers themselves as a new online pathway to learning.

In the year 2015, the University published 198 book titles in the total circulation of 374,460 copies. The sale publishing production of the University was provided by the University book store. Offer for sale was carried out through the www.unibook.sk web portal.

CENTRE OF INFORMATION AND COMMUNICATION TECHNOLOGIES (CICT)

The CICT meet the UPJŠ priority tasks in the development of information and communication technologies (ICT) in three segments: computer networks, information systems, and local support. Following the trend of long-term conceptual development of ICT, the backbone at UPJŠ was the introduction of cloud services and mail server migration to the Microsoft Office 365 service. During the year, thanks to the development projects, innovation of network elements at the Faculties took place the server capacities have increased.

BOTANICAL GARDEN (BG)

The Botanical Garden celebrated the 65th anniversary of its existence in the year 2015, and on this occasion it organized an international scientific conference "Education in Botanical Gardens and Arboreta." The BG performs important tasks in the field of education, science and research, culture and education, as follows. The 25th edition of the scientific journal THAISZIA, a Journal of Botany, was released. During that year, various thematic exhibitions and ventures were organized for the visitors, such as the Stone Herbarium, Cacti and Succulents, Bonsai, Exotic Tropical Butterflies, Citrus and Palm Trees, Autumn Crops, Biology Olympiad, Open Days, etc.).

INSTITUTE OF PHYSICAL EDUCATION AND SPORT (IPED)

Institute of Physical Education and Sport offers the university students a choice of several physical activities, such as aerobics, body form, bouldering, basketball, badminton, hockey, Frisbee, yoga, Pilates, swimming, weightlifting, run for fitness, indoor soccer, SM system, step aerobics, table tennis, streetball, chess, tennis, and volleyball. In addition to regular physical activities, the IPES offered outside the semester an opportunity to participate in winter and summer sports activities. 4 gyms are at the disposal for the UPJŠ students, which are gradually undergoing renovations, a body-building gym, a training climbing wall, and tennis courts.

STUDENT HOSTELS AND CANTEENS (SHC)

The services provided by the UPJŠ Student Hostels and Canteens are undoubtedly also included within the field of the support of study. UPJŠ had in the year 2015 1,760 accommodation places available for students in their own accommodation facilities (1,405 places at Medická 4,6, 155 places at Popradská 66, and 200 places at Popradská 76). The conditions and methods of allocation the places to applicants are explicitly and transparently regulated by the UPJŠ House and Accommodation Rules of Procedure. Accordingly, the entire accommodation capacity was distributed among the University students regardless of what curriculum and at what Faculty they study. In the year 2015, accommodation was awarded to all the students who met the criteria required for accommodation. The first year students were placed with the contractual partners in the 500 places. The operation of catering at the UPJŠ SHC is provided in three kitchens and three food dispensers. In the year 2015, cafe was opened in the Minerva building for students with a capacity of 65 seats.

LEISURE ACTIVITIES, CLUBS, ASSOCIATIONS

FOLKLORE ENSEMBLE HORNÁD

The FE Hornád presented several performances in the course of the year 2015, which successfully represented UPJŠ at various events both in this country and abroad (the Folk Festival Východná, Academic Zvolen, Košice Folklore Days, the author profile programme called OKA MIH (blick of the eye), etc.).

CHORUS UNIVERSITATIS ŠAFARIANAE

The mixed choir Chorus Universitatis Šafarikianae (CHUS) focuses mainly on the performances at University ventures (e.g. New Year's concert for UPJŠ, performance at the occasion of the award of an honorary degree of Doctor Honoris Causa, the opening ceremony of the academic year), but represents the University by its performances within Košice (e.g. the performance at the festival Use the City, opening in the East Slovak Gallery). The Choir staged a total of 28 songs in the year 2015.

EDUCATIONAL AND TRAINING FACILITY (ETC) IN DANIŠOVCE

ETC in Danišovce provides UPJŠ employees and students and the general public an opportunity of spending individual sojourns, holding seminars, conferences, workshops, courses, sports activities and recreation, ensuring the all inclusive daily diet. The Capacity is 62 persons. The facility has a dining room, its own kitchen, a parking lot and amenities. In the year 2015, the facility was visited by nearly 1,400 guests.





SLÁVIA PHYSICAL EDUCATION UNION (PEU)

The role of physical education is to meet above all the interests and hobbies of university students, secondary school pupils, children, citizens, and disabled persons in the field of sports and physical activities, create the conditions for improving their physical and mental fitness, sports performance, and improving their health. Pursuing the objectives and meeting the needs of the development of physical culture, UPJŠ cooperates with the participating national physical education and social organizations both in this country and abroad, with patronage and sponsorship organizations, individuals, and others. PEU Slavia UPJŠ belongs to the Slovak Association of Physical Culture, is a member of the Association of Sports Unions of Slovakia, and of the Slovak Association of University Sport. In pursuing its specific aims, it cooperates through the PEU sections and clubs with the Federation of Sports Associations and the Association of Sports and Tourist Activities. PEU Slávia registers its members in seven sections, three clubs, and in the Department of Sport for All.

CIVIC ASSOCIATIONS AND ORGANIZATIONS

- Coordination Trade Union Council of the Trade Union at UPJŠ
- European Law Students' Association - ELSA
- Medika Association of Košice
- Slovak Association of Students of Dentistry
- Student Parliament at the UPJŠ FPA
- SoFFia oz, Students' Association of the UPJŠ Faculty of Arts
- Civic association Res Publica,
- Ecce Historia – UPJŠ History Students Association
- Civic association – NATURALIST
- Slovak Botanical Society
- Slovak Physical Society
- Slovak Biophysical Society
- Slovak Society of Information Science
- Slovak Mathematical Society
- Slovak Chemical Society
- Slovak Histochemical Society

EXECUTIVE SUMMARY

The Academic Ranking and Rating Agency (ARRA) submitted at the end of November 2015 its eleventh evaluation of the faculties of Slovak universities. A total of 112 faculties were assessed, of which 104 public faculties and 8 private colleges in 11 groups of study fields. In the group of five faculties, two of the Pavol Jozef Šafárik University in Košice Faculties ranked the second best in Slovakia. In the group of medical faculties, the UPJŠ Faculty of Medicine ranked 3rd. In the group of medical faculties, no major shifts have occurred within the scale. The system of classifying the faculties into two subgroups persists - the first one contains all the medical and pharmaceutical faculties with significant scientific production (publications and citations), success in grants, the first four positions in the ranking are dominated by the proportion of international students. The second subgroup consists of the faculties of medical and nursing orientation, and these are characterized by a rather high number of students per teacher than by their publication outputs.

The focus group of faculties of natural sciences The UPJŠ Faculty of Science defended its last year's placement on the 2nd position, right after the Faculty of Mathematics, Physics, and Information Science at Comenius University. The 3rd position was taken by the Comenius University Faculty of Science. Compared to previous year, only one significant change occurred, and that is a significant increase in grant success of the UPJŠ Faculty of Science, which thus got closer to the first Faculty of Mathematics, Physics, and Information Science at Comenius University. Interesting is also the view of the ten-year development of citations of the first three faculties, which last year accounted for 42% of citation performance from among all the Slovak universities, and in the previous year their share even increased to 45%.

In the group of law schools, the UPJŠ Faculty of Law ranked 2nd once again. The value of 1.9 applicants to one position planned cannot, however, be compared with the levels of interest of ten years ago, when the number of applicants for one position at these faculties reached the values of 11 and 4 respectively.

In the group of faculties of arts, the UPJŠ Faculty of Arts moved to 4th position. There were a few minor changes made. The most obvious one is the decline of the Faculty of Humanities at the University of Žilina from the 3rd to the 6th position, and the associated shift of other faculties. The top two positions remain taken by the Faculty of Humanities and Natural Sciences at the University of Prešov before the the Faculty of Arts of the Catholic University.

In the group of other social sciences, the UPJŠ Faculty of Public Administration ranked 10th once again. In the group as a whole, there continues a trend of increasing the publication and citation performance in international databases that from several articles and citations a decade ago reached the level of around 450 works and more than 600 citations. Compared with the other groups, this is not a significant number, but with the current annual increase in the number of hundreds of works it shows the second fastest growth among all the groups of faculties (over 50% annually).

According to the latest ranking of universities URAP 2015-2016 (University Ranking by Academic Performance), Pavol Jozef Šafárik University in Košice ranked 2nd in Slovakia judging by the performance in science registered in the Web of Science (WoS). Within the region of Europe, UPJŠ was evaluated in the 415th position in Europe and the 1003rd position in the world. Overall, 2,500 universities around the world have been ranked, while the above number corresponds to the equivalent of about 10% of the world's higher education institutions, see: www.urapcentre.org. Compared to the previous assessment, UPJŠ has improved its position, confirming the importance of science in the work of the UPJŠ creative staff and students and, at the same time, the traditional focus of UPJŠ laid on research.



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