# ANNUAL REPORT on the activities of FSE UJEP in 2019

JAN EVANGELISTA PURKYNĚ UNIVERSITY IN ÚSTÍ NAD LABEM

Faculty of Social and Economic Studies

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### Dear friends of the Faculty of UJEP's Social and Economic Studies,

It is my pleasure to greet you from the forefront of our newly drafted Annual Report. We create this type of report every year, but this year, for the first time, we decided to significantly improve the form of the report in terms of content and graphics. We want to introduce you to the activities of the faculty in a broader scope and that is why we have supplemented everything with numbers and even a few photographs. We believe that readers will like the updated version of the report and will also evaluate the events at the faculty positively on the basis of this reading.

The entirety of the following text primarily relates to the year 2019 and more detailed information on individual topics can be found in the contributions of individual vice deans or other colleagues from the faculty. Here, however, I would like to take the opportunity to offer a few lines of context for the development of the faculty in recent years and mention several key milestones, which fundamentally shape the current appearance of the faculty and also represent the basic pillars of further direction.

The life-giving triangle of every university workplace is the connection of students, study programs and faculty staff. In the last decade, we have managed to stabilize the composition of our bachelor's and master's degree programs in a three-pronged structure: Economics and Management, Regional Development and Public Administration, and Social Work (Social Work Management). A significant moment in the history of our faculty was the acquisition (in 2016) of the doctoral study program of Applied Economics and Administration. With this, we have finally become a full-fledged institution of higher education. We are now undergoing the process of re-accreditation of our study programs. The first positive signal has been the gaining of accreditation for the implementation of bachelor's and master's degrees in Regional Development and Public Administration for a period of 10 years, that is, until 2029. At the same time, we continue to strengthen our doctoral studies and currently have applied for accreditation for a program which does not yet exist in the Czech Republic – Regulation and Behavioral Studies. In this way, we are building on the remarkable development in investment supported by European funds, thanks to which we have managed to acquire unique laboratory equipment intended for the research in human behavior and activities.

I am very pleased with the dimension of positive change we have achieved in the area of faculty development. Today we have a quality structure of domestic experts who have doctorates or associate professors from the best schools in the Czech Republic. We have increased our scientific research activities in an incredible way. In the Czech Republic we are among the top, especially in our ability to gain and bring research projects to fruition. We received assignments and tasks from renowned domestic providers, such as the Grant and Technology Agency of the Czech Republic, as well as from international institutions. Our employees publish in prestigious foreign magazines. We consider the acceptance of an honorary doctorate by Prof. Vernon Smith, recipient of the Nobel Prize for Economics in 2018, as a factual expression of the acceleration of the research activities and international reputation of our faculty. At the same time, this ageless gentleman gave an unforgettable lecture at the faculty and symbolically tapped the cornerstone of the newly built behavioral laboratory.

Last but not least, I would also like to mention our students. Since its inception, the faculty has been a remarkable meeting place of energetic people and this has continued to be the case in recent years. We have students who receive many awards for their school and extracurricular activities. Later, they become graduates of our faculty and we are very happy that they are significantly active in the labor market and in social events. We have graduates who are top and well-known managers, work in the management of cities, municipalities and public administration authorities. Many others have successfully set up companies, businesses and are employers. We are very pleased that the vast majority of our graduates have a positive attitude towards the faculty and are ready to help us in our activities at any time.

Dear friends, I appreciate the time you spend in the company of our faculty, keep us in your favor and I wish you a pleasant reading.

\*\*Jaroslav Koutský\*\*

# **MAIN SECTION**

of the Annual Report on the activities of FSE UJEP in 2019

# FSE UJEP in 2019 Selected main topics

#### 1199 STUDENTS

In 2019 (data until Oct. 31st) a total of 1199 students in seven fields of study studied at UJEP's Faculty of Social and Economic Studies.

#### FIELDS OF STUDIES

Significant achievements in the field of study in 2019 include the final preparation of the new doctoral study program Regulation and Behavioral Studies and obtaining accreditation for the study program Regional Development and Public Administration in the bachelor's and follow-up master's degree for the next ten years. In connection with the preparation of a new doctoral study program, a research infrastructure was built (e.g. mobile behavioral laboratory, stationary biofeedback laboratory, eyetracking devices, mathematical-statistical laboratory, etc.).

#### 1108 APPLICATIONS

Within the admissions procedure of 2019, 1,108 applications were submitted to UJEP's FSE, of which were 947 for bachelor's studies, 141 for follow-up master's studies and 20 applications for the doctoral studies program.

### INTERNATIONAL ACTIVITIES

In terms of international R&D activities, the main success is the project of European cooperation in scientific and technical research (Cost Action) entitled LAND4FLOOD (Natural Flood Retention on Private Land, www.land4flood.eu).

#### **PROJECTS**

On the national level, the key activities at FSE UJEP include the project SMART City, SMART Region, SMART Community.

> smart-mateq.cz/projekty/projekty-smart/smart-iti/

#### COOPERATION

In the area of external relations, the faculty secured the most significant contracted order with a private company in the history of the university and faculty – research cooperation with the company Valeo on the topic of autonomously driven vehicles.

# INTERNATIONAL SCIENTIFIC CONFERENCE

We completed preparation for the international scientific conference entitled Social and Economic Development & Regional Policy (SEDER, www.seder. ujep.cz), which FSE UJEP is organizing in cooperation with UJEP's Faculty of Natural Sciences and IEEP, the Institute for Economic and Ecological Policy with support from the prestigious organization Regional Studies Association (RSA) every even-numbered year.

#### INVESTMENT PROJECTS

In 2019, major investment projects took place to improve the physical environment of the faculty:

- reconstruction of the university club, which has become a multifunctional space enabling the holding of various student activities, seminars and workshops and the newly adapted space provides facilities for the development of students' business activities,
- a space was created from the original large classroom M 010, which offers the possibility of wider use, especially for holding workshops, work seminars and other working meetings,
- a shared space for the business incubator concept was created from the library warehouse,
- Reconstruction of classrooms N1 and N2 and construction of FitBrain and FocusBrain laboratories were successfully completed in the VIKS building in the Kampus area. These laboratories will enable the conducting of experiments in the areas of economics, psychology and other scientific disciplines and represent an important step towards increasing the quality of research activities at the faculty and the support of doctoral students.

FSE UJEP 2019 / TOPICS



# Studies at FSE UJEP

**Ing. Kateřina Felixová, Ph.D.** Vice Dean for Study Affairs



UJEP's Faculty of Social and Economic Studies is the only public university faculty in the Ústí nad Labem Region that provides education in the areas of economics and management, regional development and public administration as well as in the area of social work.



The faculty provides studies in bachelor's, follow-up master's and doctoral study programs, through full-time and part-time forms of study. The faculty also offers a life-long learning form of education in the above fields.

As of October 31st, 2019, 1199 students in seven fields were studying at UJEP's Faculty of Social and Economic Studies. At the bachelor's level, the faculty offered studies in the field of Social Work within the study program Social Policy and Social Work, both through full-time and part-time forms of study. Within the study program Economics and Management, the faculty offered bachelor's studies in the field of Economics and Management for full-time and part-time studies. The faculty further provided bachelor's studies in the field of Regional Development and Public Administration within the study program Economic Policy and Administration. This field was also available for study in full-time and part-time forms.

In 2019, in the follow-up master's degree program, the faculty provided fields of study within three study programs. In the Economics and Management study program this was the field Economics and Management. In the Economic Policy and Administration study program it was the field of Regional Development and Public Administration and in the Social Policy and Social Work study program, the faculty offered master's studies in the field of Management in Social Work. All of the above fields of follow-up master's study instruction were provided in full-time and part-time forms.

At the doctoral level, the faculty provides studies in the field of study Applied Economics within the study program Economic Policy and Administration, both in full-time and part-time forms of study.

In addition to accredited programs, the faculty also offers other educational opportunities. As part of lifelong learning, it is possible to take language courses, preparatory courses in mathematics and foreign languages, focusing mainly on students entering the first year of study, and last but not least, preparatory courses for the Cambridge Exams and Sprachdiplom language exams.

In 2019, 1,108 applications were submitted to FSE UJEP within the admission procedure, of which 947 were for bachelor's studies, 141 for follow-up master's studies and 20 applications were for the doctoral study program. Compared to the situation in 2018, when 1,149 applications were submitted, this is a slight decline, however, this decrease is in complete correlation with demographic development, and therefore we can consider the interest in studying at FSE UJEP to be stable.

While studying at UJEP'S Faculty of Social and Economic Studies, there is a clear possibility to complete part of one's studies at a foreign partner university within the Erasmus+ program. The faculty has concluded partnership agreements on the departure and arrival of students with 61 universities from 15 countries. It supports its students in foreign mobility in the form of administrative support in arranging all the requisites for their stay at a foreign university, and the faculty also implements its own scholarship program, which helps outgoing students to financially manage their study stay abroad. In addition to the above study stays, students participate in internships, work practice, domestic and foreign excursions, and during their studies they meet in lectures with invited domestic and foreign experts, including experts from practice.

On the part of the applicants, the faculty takes care of functional and friendly relations with relevant secondary schools. The faculty regularly organizes a popular event for the third and fourth years of secondary schools called "University Student for a Day". On this day, students have the opportunity to participate in university instruction with other students of the faculty and attend interesting lectures led by faculty pedagogues in 2019 these were lectures on the topics of The Role of the Economist in the Protection of the Environment or Is There Any Sense in Sorting Waste?, Behavioral Economy and Creating a Public Politician, Science, Scientists and Marketing, The Power of British Media and Brexit, etc.) In addition to the arrival of high school students to the faculty, our academic staff also go directly to the students at their secondary schools and give interesting lectures related to the thematic focus of the faculty.

Those interested in studying, including their parents and other friends of the school, can become more familiar with the faculty during the Open Day. In 2019, the faculty innovated the format of this event and arranged it in the form of a college fair of study fields, where high-school students had the chance to ask questions directly to FSE UJEP students who were actively participating.

The printed university magazine Silverius has become an important tool for communication with secondary schools and has been distributed together with an information leaflet on the Open Day to selected secondary schools in the Ústí nad Labem, Central Bohemia, Karlovy Vary and Liberec regions. This magazine was also distributed at the GAUDEAMUS higher education fairs in Prague and at the Open Day at the faculty's headquarters.

In addition to its educational and research activities, the faculty does not underestimate the cooperation with potential future employers. This cooperation is developed through partner networks that enable the implementation of student internships, provide suggestions for the focus of bachelor's or master's theses, provide feedback on the compliance of study plans with the needs of practice and provide incentives for innovation of study programs and fields. In this context, the faculty is also involved in finding employment for its graduates - it cooperates with companies in the Ústí nad Labem region in the field of surveys and their evaluation, student internships, training programs and in finding suitable candidates for graduate positions. Specifically these include the

companies: Spolek pro chemickou a hutní výrobu, a.s., Mondi Coating Štětí, a.s., CDL SYSTEM a.s., Tivall CZ s. r. o., AGC Flat Glass Czech a. s., member of AGC Group, ČNB, KB, ČS, OVB a.s., Česká spořitelna a. s., Allianz Insurance, a.s., Československá obchodní banka, a.s., Ústí nad Labem City Hall, Regional Office of the Ústí nad Labem Region, Labor Office of the Czech Republic, Regional Branch of Ústí nad Labem, Všeobecná zdravotní pojišťovna České republiky, Ice Hockey Club Slovan Ústí Lions a.s., Manpower Group, s. r. o., and HR expert s. r. o.

The faculty does not forget its students even outside of class and offers interesting related activities. Many students are involved in the work of the faculty in the form of auxiliary scientific and administrative forces. Students participate in scientific research projects and, under the guidance of academic staff, publish in professional journals and present the faculty at science fairs, the Days of Science and the Arts and other events. In addition to involvement in work activities, however, the faculty offers participation in a number of social events. FseFest, a music event connected with the matriculation of first-year students, has become a traditional event, Welcome to the Exam Period is popular, as well as the opportunity to participate in sports activities organized by the faculty - the Academic Cup in cross-country skiing, the Open FseCup tennis tournament, etc.

I believe that even in 2019, studying at FSE UJEP was a challenging but also interesting and useful experience for most students, taking place in a motivating and friendly environment and enabling strong personal growth.



# Science and research at FSE UJEP

doc. Ing. Jan Slavík, Ph.D.

Vice-Dean for Science and Research

Mgr. Barbora Kamarýtová

science department



The activity of FSE UJEP is based on synergistic relations between two basic pillars - teaching and scientific-research activities of academic staff who provide this teaching.



Just as scientific research is an important prerequisite for guaranteeing high-quality, innovative and modern instruction, so teaching is also an important means of disseminating the results of science and research to students and the professional public. Science and research also create a financial background for the functioning of individual study programs at the faculty. The increase in funding generated by science and research at FSE UJEP in individual years is proof that project developers successfully respond to societal challenges that are typical not only of the Ústí nad Labem region but also the Czech Republic as a whole and thus creates an important prerequisite for continued growth in the quality of study programs offered.

Equally important is the success of individual researchers in the field of publishing in prestigious foreign scientific journals and monographs. As follows from the data on publishing activities in the years 2014 - 2019, the number of publications indexed in the recognized scientific databases Web of Science and SCOPUS increased more than threefold in the monitored period. However, the growing success of authors from the ranks of FSE UJEP staff in publishing activities was also achieved in other categories (e.g. contributions in conference proceedings). Publishing activity in prestigious scientific journals is a guarantee of high quality education and confirmation of international recognition of academic staff that provide teaching at FSE UJEP.

The key scientific achievement of FSE UJEP is the project of European cooperation in scientific and technical research (Cost Action) called LAND4FLOOD (Natural Flood Retention on Private Land, www.land4flood.eu), whose coordinator is doc. Ing. Lenka Slavíková, Ph.D. (FSE UJEP) and vice-president visiting FSE UJEP Dr. Thomas Hartmann (Wageningen University, The Netherlands). This international project brings together researchers from all over Europe and the result is a number of professional conferences, workshops and popularization materials as well as scientific outputs - such as professional monographs published by Springer entitled Nature-Based Flood Risk Management on Private Land, edited by Dr. Thomas Hartmann, doc. Lenka Slavíková and Dr. Simon McCarthy.

At the national level, the key projects at FSE UJEP include the project SMART City, SMART Region, SMART Community (http://smart-mateq.cz/projekty/projekty-smart/smart-iti/),

whose main researcher is prof. Ing. Jiřina Jílková, CSc. The project partner is the Czech Technical University in Prague. The project is a platform for strategic cooperation of academic staff from selected UJEP faculties, the application sector and the public (in accordance with the partnership principle). Deepening this cooperation is an important prerequisite for fulfilling the main goal of the project, which is to address the long-term social needs of the population in the Ústí nad Labem region, improve their quality of life and increase the competitiveness of the Ústí nad Labem region in the Czech Republic. The tool for meeting this goal is the implementation of SMART measures and tools that respond to the current needs of entities in the Ústí Region.

One of the strategic areas of science and research development at FSE UJEP is the regulation and use of behavioral approaches in economics and economic policy. For this reason, it is a great success that FSE UJEP has become the holder of projects funded by the OPVVV entitled 'School of Doctoral Studies - Applied and Behavioral Studies' and 'Center for Regulation and Behavioral Studies for research-oriented study programs UJEP', whose main researcher is prof. Ing. Jiřina Jílková, CSc. Within these projects, the new doctoral study program Regulation and Behavioral Studies is being prepared and a research infrastructure will be built (e.g. mobile behavioral laboratory, stationary biofeedback laboratory, eye-tracking devices, mathematical-statistical laboratory, etc.). The implementation of this plan is unique not only in terms of ongoing research at Czech universities, but also has a significant international dimension (a number of research institutions from all over Europe are participating in its creation – e.g. CEPS Uni Basel, Uni Mannheim, or IÖR Dresden).

Other thematic areas of strategic importance for the development of science and research at FSE UJEP include water and flood protection (guarantor is doc. Ing. Lenka Slavíková, Ph.D.), sustainable urban mobility (guarantor is Ing. Mgr. Hana Brůhová-Foltýnová, Ph.D.), sustainable energy policy (guarantors are Prof. Ing. Jiřina Jílková, CSc, Ing. Jiří Louda, Ph.D. and Assoc. Prof. Ing. Ondřej Vojáček, Ph.D.), waste management (guarantor is Jan Slavík, Ph.D.), development of settlements and post-industrial regions, innovation (guarantors are doc. RNDr. Jaroslav Koutský, Ph.D. and Ing. Petr Hlaváček, Ph.D.), green and blue infrastructure (guarantor is Ing. Jan Macháč, Ph.D.), ecosystem services (guarantor is Ing. Jiří Louda, Ph.D.), or social work (guarantor is doc. PhDr. Pavel Kuchař, CSc.). These topics are being developed with the support of national (e.g. GAČR, TAČR), but also international sources (e.g. Erasmus +). The growing success of researchers from the ranks of academic staff of FSE UIEP in grant calls is an expression of the increasing quality of scientific research activities at the faculty on the one hand, but also the increase in experience of faculty members in submitting scientific projects. However, these successes need to be confirmed in the coming years and, in particular, to strengthen science and research in areas where project activity is still lacking or insufficient (especially marketing, management, or corporate and public finance).

The improving image of the faculty in the field of science and research is also an important prerequisite for future cooperation with prestigious research institutes in the Czech Republic and abroad (e.g. in the project call Horizon 2020, COST, etc.) and a guarantee that important personalities of scientific life will return to us. The faculty has been cooperating with visiting professors John Sheehan (University of Technology, Sydney) and Dr. Thomas Hartmann (Wageningen University) for a long time, and is also working to ensure that the number of incoming visits continues to grow as part of project cooperation.

In February 2019, doc. Ing. Lenka Slavíková, Ph.D. and Ing. et Ing. Eliška Vejchodská, Ph.D. participated in the 13th annual Planning, Law, and Property Rights conference organized by Texas A&M University (USA). In addition to scientific contributions, the main goal of their participation was to take over the baton in the conference and bring the next year to FSE UJEP. The conference was planned for February 2020 and the patronage of this conference was accepted not only by the Rector of UJEP doc. RNDr. Martin Balej, Ph.D., Dean of FSE UJEP doc. RNDr.

Jaroslav Koutský, PhD, but also the Governor of the Ústí Region Oldřich Bubeníček. The conference was attended by more than 120 experts from more than 24 countries and 5 continents. The key topics were urban displacement and transformation, housing policy, land value, compensation to private owners for limiting their rights in the public interest and the issue of flood risk mitigation (more information can be found at http://plpr2020.ujep.cz). The year 2019 was thus in the spirit of organizational preparation for this prestigious event, which has no analogues in the history of FSE UJEP, as well as UJEP as a whole.

We are also proud of the international scientific conference entitled Social and Economic Development & Regional Policy (SEDER, www.seder.ujep.cz) that is organized by FSE UJEP in cooperation with the UJEP Faculty of Science and IEEP, Institute for Economic and Environmental Policy with the support of the prestigious organization the Regional Studies Association (RSA) every even year. In 2019, preparations began for the 19th year, which was to take place in June 2020. We are glad that our invitations of keynote speakers were accepted by prof. Irene Ring (International Institute Zittau, TU Dresden) and Dr. Nadir Kinossian (Leibniz-Institut für Länderkunde, Leipzig).

An interesting and very popular event from the point of view of the public was a professional conference entitled "The Wall on Matiční Street after 20 years", which presented the results of the ongoing research of the Department of Social Work and which addressed human rights, regional specifics and current issues in the field of social exclusion.

In 2019, IEEP FSE UJEP organized the first year of a national competition of bachelor's and master's theses dealing with environmental issues from the perspective of social sciences called Czech Envi Thesis (www.czechenvithesis.cz). A seven-member expert jury led by prof. RNDr. Bedřich Moldan, CSc, dr.h.c. (Faculty of Humanities, Charles University in Prague) and prof. Ing. Jiřina Jílková, CSc. (FSE UJEP) selected from a total of 21 qualification theses representing more than 10 colleges and universities in the Czech Republic. The event took place under the auspices of Mgr. Richard Brabec, Minister of the Environment, with the support of Vodafone, the main partner of the competition, and other partners Metrostav and Severočeské vodovody a kanalizace. In the final round, which took place on November 27, 2019, five finalists were presented by Ing. Jan Macháč, Ph.D., the main organizer of the competition.

Support for scientific research activities of academic staff of FSE UJEP is based on two pillars: the first pillar is Directive No. 1/2019 on Support for scientific research activities at FSE UJEP, the main purpose of which is to support prestigious creative activities in the form of scientific publications, scientific projects, obtaining academic degrees and other activities related to scientific research, but also the internationalization of research. The second pillar is the so-called Career Code of Academic Staff, which regulates the conditions for their professional growth. The main purpose of these tools is to encourage academic staff of FSE UJEP in their scientific research activities and at the same time to provide quality personnel equipment at FSE UJEP for the purposes of the successful process of accreditation of individual fields.

For the future development of science and research at FSE, a higher degree of involvement of master's and especially doctoral students in project cooperation is essential. The research activities of doctoral students are supported, among other things, in the form of projects called the Student Grant Competition (SGS), depending on the quality of the submitted projects. In 2019, students were involved in SGS within a total of 17 projects, the results of which were published in peer-reviewed professional periodicals and presented at professional conferences.

An expression of the positive development in the quality of education and research activities at FSE UJEP is also the 5th place in the ranking of faculties of public universities in the field of economics in the competition 'Faculty of the Year' (www.fakultaroku.cz), which is based on the voting of students and recent university graduates in the Czech Republic.



# External relations at FSE UJEP

doc. PhDr. Pavel Kuchař, CSc.

Vice-Dean for External Relations



In addition to departures and arrivals of students, this program organizes departures and arrivals of teachers, both for teaching stays and internships.



A specific destination is, due to the absence of a language barrier, Slovakia and its universities.

FSE UJEP has prepared a joint study program in the master's program Management in Social Work with Matej Bel University in Banská Bystrica, which has already been successfully accredited in Slovakia and is currently before submitting its accreditation in the Czech Republic. If the accreditation is successful, the first students of this program should start studying in the academic year 2021/22.

Part of the internationalization of studies are, or should be, foreign language courses for domestic students, as contained in the Strategic Measures for Strengthening Internationalization at UJEP. There is not, and probably will not be, an accredited foreign language study program at FSE, however, students of some fields already have to take courses in English (e.g. students of the master's program in Social Work Management have a compulsory European Social Policy course).

The emphasis on language skills is not only for students, it is also aimed at academic and technical staff of the FSE. English language courses are organized for them every year, most often within the framework of designated projects.

The faculty strives to further develop contacts with its graduates. For several years now, the published periodical of the ALUMNI FSE UJEP Alumni Club has been used for this purpose, through which the graduates are informed about what is happening at the faculty, about events that are planned both within and outside the field of study. At the end of 2019, 623 graduates were registered in the Club, of which the "oldest" graduated from FSE in 1996.

An important source of information about graduates and their involvement in the labor market are the annual partial surveys, most often related to individual fields and carried out within the UJEP Institutional Programs. Of particular importance in this context is the significant share of FSE graduates within UJEP in the international research of university graduates Graduate 2018. In 2019, the massive representation of our graduates made it possible to carry out an analysis of the development of their opinions and attitudes between 2013 (when the previous stage of this survey took place) and 2018, both at the faculty and university level.

The faculty has set up two levels of cooperation with the corporate sector. The first is based on concluded cooperation agreements, in which the faculty undertakes to provide

students with information and promotional materials of relevant companies, allow their representatives to enter the curriculum in the form of selected lectures or exercises, offer topics relevant to companies, such as bachelor's or master's theses, cooperating companies are invited to events organized by the faculty, etc. Companies, on the other hand, undertake to enable students to practice or visit in the form of excursions. Such contracts are concluded with the following companies: Allianz, Mondi Coating Štětí, AGC, Česká spořitelna, Tivall, ČSOB, Solitea, Spolchemie.

The second level is the so-called ad-hoc cooperation, where companies or institutions are invited to events organized within the faculty, such as Career Days, etc., where they can present and acquire students for short-term or long-term cooperation.



Room M 010 has long served as the largest classroom in the faculty building on Moskevská Street. The reconstruction of this space created two rooms. In the first of them, workshops, meetings or teaching take place. The second room is used by students to relax or work on team projects.



Reconstruction and connection of rooms M311 and M312 created a new, modern classroom. The faculty now uses this for lectures for a larger number of students and for meetings with the public, for example during open days.



The reconstruction of the premises in the basement and in the attic of the faculty building in Moskevská Street created new facilities, especially for students. They will find a suitable environment for the development of their business plans - rooms for business meetings, a workshop with technical equipment and also spaces for fun and relaxation.



# ...FSE UJEP built new spaces for eaching, research and student gatherings?

We are constantly improving the conditions for quality teaching, research and spending time between individual lectures for students and faculty staff. In 2019, the faculty modernized four classrooms, built a new laboratory and created new vibrant meeting places for students from unused spaces.

# Development and quality at FSE UJEP

**Mgr. Ondřej Moc, Ph.D.**Vice-Dean for Development and Quality



In the area of quality, the year 2019 was devoted mainly to personnel management, teaching and creative activities, and the modernization of the faculty's infrastructure.



In the area of personnel management, the faculty adopted the dean's Directive Career Code of Academic Staff of FSE UJEP in 2017. This document defined the rules for the annual evaluation of work performance at the level of individual academic staff. The adoption of the Directive was preceded by a long discussion between stakeholders, during which the final version of the document was drafted so that the evaluation rules were transparent and motivating for academics. At the same time, these rules led the work activities of academic staff in the necessary direction with regard to the function of the faculty and its role in society in preserving academic freedoms.

With this tool, each academic employee with a work agreement of at least 50% has a set personal career plan for a period of 5 years. This document takes into account the personnel needs of the faculty in the monitored time perspective and describes the planned qualification growth of the employee, the planned work results and the forms of support of the employee by the faculty in the monitored period. When creating a career plan, objective external and internal constraints that may affect the work performance of the academic staff member are taken into account.

The faculty finds out the students' view of the quality of the educational process by means of a questionnaire survey entitled Evaluation of the Quality of Teaching. The questionnaire has four areas: a) evaluation of the course, b) evaluation of the subject teacher, c) evaluation of the semester, d) evaluation of the difficulty of completing the course. The areas are the same every year and it is possible to make a year-on-year comparison in the evaluation. The questionnaire is distributed as part of teaching among full-time and part-time students of all fields of study and years in bachelor's and master's studies. This ensures a significantly higher return on responses than the analogous evaluation of the quality of teaching in IS STAG. The questionnaire survey has been conducted since the winter semester of the academic year 2014/15.

In addition to determining the quality of teaching through the questionnaire survey among existing students, the faculty uses feedback from its graduates. The main source of information on graduates is the international research of university graduates, for which data were collected in 2018 (these are graduates in 2013–2017). In addition to the general information provided by the Ministry of Education, Youth and Sports,

the results of this survey were processed separately within the IP UJEP (researcher doc. Kuchař) for graduates of FSE UJEP and the entire UJEP. Currently, the project leader is preparing a presentation of results for the management of UJEP and FSE UJEP.

In 2019, the activity in the REPROREG project (researcher Doc. Koutský) continued, which represents another tool for the continuous improvement of the quality of educational activities at the faculty. A research survey was conducted within the project, the aim of which was to get to know the motivations, preferences, ideas and barriers of our students. The results of the survey influence the formulation of proposals for future innovative steps so that they also take into account the views of students. There was also the workshop Quality of Teaching, where participants gained a broader view of the quality of teaching in terms of the concept of study programs, fulfillment of teaching objectives, etc. Another seminar held in the project was a discussion seminar entitled "E-learning and FSE - What Works Elsewhere and What Does Our Faculty Need?", where overview information on forms, methods or solutions of E-learning used at other schools in the Czech Republic and abroad was provided. Academic staff of the faculty were able to continue to attend foreign language courses as part of the project. The aim of these courses is to continuously improve the language skills of academic staff in order to increase the possibility of their cooperation with both foreign students and colleagues from foreign universities. It should be noted that even non-academic staff of the faculty had the opportunity to use language courses organized by the staff of the UJEP Rectorate.

The quality of educational activities is also related to the project School of Doctoral Studies (researcher Prof. Jílková), which continued throughout 2019. The output of the project will be the completely prepared doctoral study program Regulation and Behavioral Studies.

In 2019, the faculty created a unified publication that gathers all rules for study and information for students. This step has made all study matters clearer and more accessible, and students will find everything they need in a single publication.

In 2019, the Faculty continued to improve the environment of the faculty by modernizing other teaching and research facilities and facilities for students and staff of the faculty. One of the most significant steps was the reconstruction of the university club, which became a multifunctional space enabling various student activities, seminars and workshops, and thanks to appropriate equipment, the newly renovated space provides facilities for the development of students' business activities.

The basement of the faculty building in Moskevská Street also underwent significant building modifications. Two partially interconnected rooms were created from the original large classroom M 010. The first of them can still serve as a classroom, but due to the reconstruction, the room offers the possibility of wider use, especially for workshops, work seminars and other business meetings. From the second part of the original classroom, a space was created to support students' entrepreneurial beginnings. The room now offers office space for up to 4 teams and a relaxation area that can be used for relaxation or informal meetings.

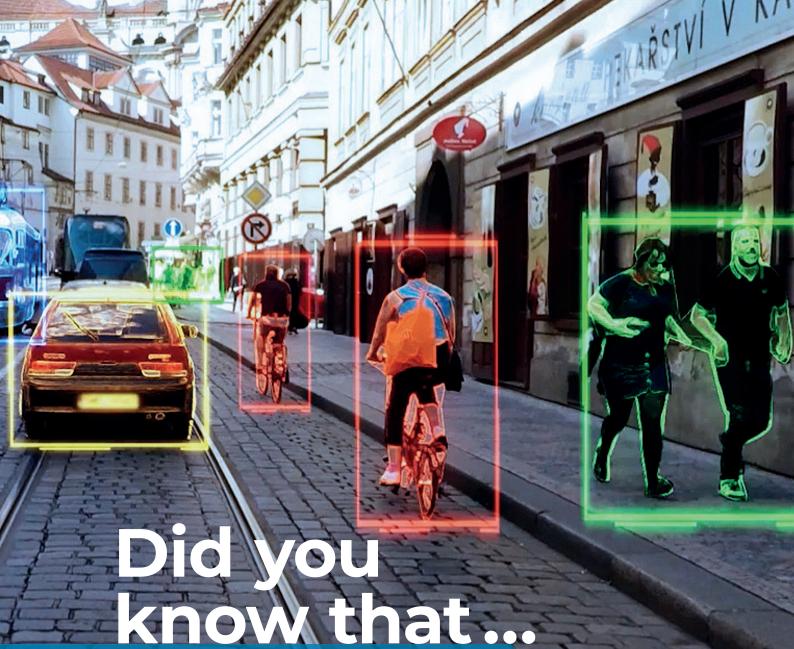
In the basement of the faculty, there were also significant building modifications in the space of the former FSE UJEP library. The library was originally located in three rooms, which became a seldom used warehouse after the merger of the faculty library with the UJEP Scientific Library. After the reconstruction, these spaces became part of the business incubator. After the building modification, one of the rooms is ready to become a workshop for assembling and testing prototypes of students' business plans. The second room is a complete facility for business meetings of beginning entrepreneurs

from the ranks of the students. The remaining room provides facilities for work teams in the form of an equipped kitchen and relaxation zone.

In 2019, the total reconstruction of classroom M 303 was completed, which has now become a barrier-free computer classroom. The faculty currently has three newly equipped computer classrooms.

Reconstruction of classrooms N1 and N2 and construction of FitBrain and Focus Brain laboratories were successfully completed in the VIKS building in the Kampus area. The laboratories will enable experiments in the field of economics, psychology and other scientific disciplines and represent an important step towards increasing the quality of research activities at the faculty and supporting doctoral students.

In 2019, the preparation of project documentation for subsequent modifications and functional access to other faculty premises continued. As part of these activities, materials were created for announcing a tender for the construction of the main lecture hall of the faculty - the VIKS auditorium, the reconstruction of other rooms of the behavioral laboratory and the mathematical-statistical laboratory for doctoral students.



# ...FSE UJEP took part in developing autonomous mobillity?

Until the end of 2019, a project of cooperation with Valeo on the development of autonomous vehicles took place at FSE UJEP. This collaboration enabled dozens of young people, often students of FSE UJEP, to become acquainted with the cutting edge of technological development. The involvement of FSE UJEP in cooperation in the field of future mobility has strengthened the faculty's opportunities to participate in work in national mobility committees. Thanks to the project, UJEP participated in the preparation of a cross-border project between Prague and Dresden concerning intelligent transport systems on the D8 motorway.

Source: Valeo

# Cooperation with companies – example of good practice



**Ing. Tomáš Siviček, PhD.**Head of the Center for Cooperation with Companies

Technological developments have been accelerating and transforming entire industries in recent years.



Digitization, robotics, the use of big data, artificial intelligence and other aspects related to the so-called Industry 4.0 create threats for companies and institutions that will not respond in time and at the same time opportunities for those who will not only be part of the trend, but will be at the forefront. This also applies in the regional context. FSE UJEP has long been involved in the competitiveness of the region both in terms of research and theory and in terms of an active role in shaping the strategic direction of the region and emphasizes the qualitative shift of the region from so-called assembly plants to activities with higher added value, e.g. in connection with research and development. In order to strengthen the cooperation of the faculty with the application sphere, the Center for Cooperation with FSE UJEP companies was established in 2019. The centre's tasks include expanding the network of partners and intensifying cooperation in the field of practice-oriented teaching (e.g. student participation in business tasks in teaching), collaborative research, as well as internships for students and academics. In the past, similar practices took place, for example, in cooperation with O2 and Node5. This is complemented by the involvement of colleagues who, in addition to teaching, are active, for example, in business or in expert regional and national committees. The Faculty was and is also staffed with the Innovation Center of the Ústí nad Labem Region (ICUK), where the faculty staff works and where some FSE students have gained or are gaining their first work experience.

Until the end of 2019, the faculty participated in a project of cooperation with Valeo on the development of autonomous vehicles, in which students not only from FSE UJEP participated. Cooperation with Valeo is the most important contract in the history of UJEP in terms of volume. Valeo Autoklimatizace is one of the examples of trends that are changing the automotive industry. The company used the trend of autonomous mobility to transform from a supplier of components for cars to a supplier of a system solution for autonomous control. It has even built an entire research and development center in Prague in this area. Therefore, when at the end of 2016, thanks to the Innovation Center of the Ústí nad Labem Region (ICUK), the opportunity arose to negotiate a possible expansion of Valeo activities to the region, FSE UJEP took a very active and supportive position despite the fact that it did not have experience with similar cooperation in terms of volume and

topic. An important role in this was played by the staff link between FSE and ICUK, where the director of ICUK was the head of the Department of Economics at FSE UJEP. Another reason was that other faculties reacted hesitantly to the opportunity.

FSE UJEP and ICUK insisted that activities be developed in the region in cooperation with universities (e.g. Czech Technical University) and secondary schools, instead of workers going to Prague. This step allowed dozens of young people (note that the average annual physical numbers of workers ranged between 150-200) to get acquainted with the cutting edge of technological development and directly participate in the development of software for autonomous cars for compensation comparable or more interesting than other alternatives. Localization in the region was also important in terms of changing the perception and image of the region. Young people see that projects of a similar type can also be in our region, and the positive response from the media to the project (and follow-up activities) helps to improve the overall picture of the Ústí region.

The complexity of the project was that it proved possible to build a virtual company within UJEP - with all the appropriate processes arising from cooperation with industry and, on the other hand, with all the restrictions arising from the nature and rules applicable to public universities (including internal regulations). Especially in the first year, when the whole system was created and implemented, the project was highly volatile and it was necessary to find the optimal model to allow response to waves of increased / decreased volume of tasks. This had a direct link not only to the cash flow of the project, but also to the volume and quality of subsequent work. In particular, declines in tasks led to fluctuations, or to a decrease in productivity, as the team became "out of practice". The work requires high carefulness with high productivity. At the same time, the annotation rules were continuously modified. The scope and diversity of knowledge grew with additional tasks and thus demands on the team. These difficulties of the project were overcome by involving an experienced project manager, Ing. Petr Achs. This gave the project quality management, without which the project would have been difficult to maintain.

What was the project of the so-called annotation center actually about? Basically, to make cars learn to recognize both static and dynamic objects in their surroundings by analyzing data in the form of a video recording of driving and sensor outputs. The main activities therefore consisted of: annotation (i.e. labeling and attribute assignment) of dynamic objects (DO) and so-called road boundaries and fences (RBF), evaluation of the environment in front of and behind the vehicle (EGO). Another partial task was KPI analysis. Here, the evaluation of the road environment by the system was compared with the evaluation by an annotator, and later we switched to a project with the evaluation of situations using an image.

From the beginning, our ambition was to move the project towards the possibility of creating a branch of the Valeo research and development center. Therefore, the faculty together with ICUK searched for and identified strategic opportunities. Among them, suitable localities were selected for the creation of a test polygon and the creation of a test zone within Ústí nad Labem. The future of mobility and autonomous mobility also got into the Re: Start program, which, thanks to the support of the Ministry of Transport of the Czech Republic and SFDI, financially supported the preparation of a feasibility study for the so-called U Smart Zone. ICUK and FSE UJEP participated in the preparation of the document, while FD ČVUT in Děčín (together with KPMG) participated in the feasibility study. The issue of mobility and relevant technology is also reflected in the Regional Innovation Strategy and the so-called Smart Specialization Strategy of the Ústí Region (RIS / RIS3). It creates opportunities for both existing and emerging industries in the region.

The involvement of FSE UJEP in cooperation in the field of the future of mobility strengthened the faculty's opportunities to participate in work in national bodies related to mobility (e.g. at the Ministry of Transport of the Czech Republic), but also in the development of other project activities taking place at the faculty. Cooperation with the branch of FD ČVUT in Děčín also intensified. UJEP has also been involved in the preparation of a cross-border project between Prague and Dresden concerning intelligent transport systems on the D8 motorway.

The annotation center succeeded in the global competition of other centers, significantly, the project moved from the initial pilot (and a bit popularizing) operation essentially to an industrial position. What could be the future of the project? It will depend mainly on the activity of regional actors (including UJEP, CTU, CzechInvest, regions, etc.), how much they will strive for development in this area, e.g. by supporting the establishment of a training and competence center that prepares the project team for other more sophisticated tasks (e.g. the development of hard skills and managerial skills), as a further step towards the creation of a branch of a research and development center in the region.



# **APPENDICES**

Appendix 1
Text part

## 1. BASIC INFORMATION ABOUT THE FACULTY

#### 1.a Name of the fakulty, headquarters

#### Complete title of the faculty:

Faculty of Social and Economic Studies of the Jan Evangelista Purkyně University in Ústí nad Labem (FSE UJEP)

#### Designated headquarters of the faculty:

Moskevská 54, 400 96 Ústí nad Labem

#### Address for correspondence:

Univerzita J. E. Purkyně v Ústí nad Labem Fakulta sociálně ekonomická Pasteurova 3544/1, Ústí nad Labem 400 96

#### Management of the faculty

#### Dean of the Faculty

doc. RNDr. Jaroslav Koutský, Ph.D.

#### **Faculty Manager**

Ing. Dagmar Kubišová

#### Vice-Dean for Study Affairs

Ing. Kateřina Felixová, Ph.D.

#### Vice-Dean for Development and IT

(from 1.11.2019 Vice-Dean for Development and Quality)

Mgr. Ondřej Moc, Ph.D.

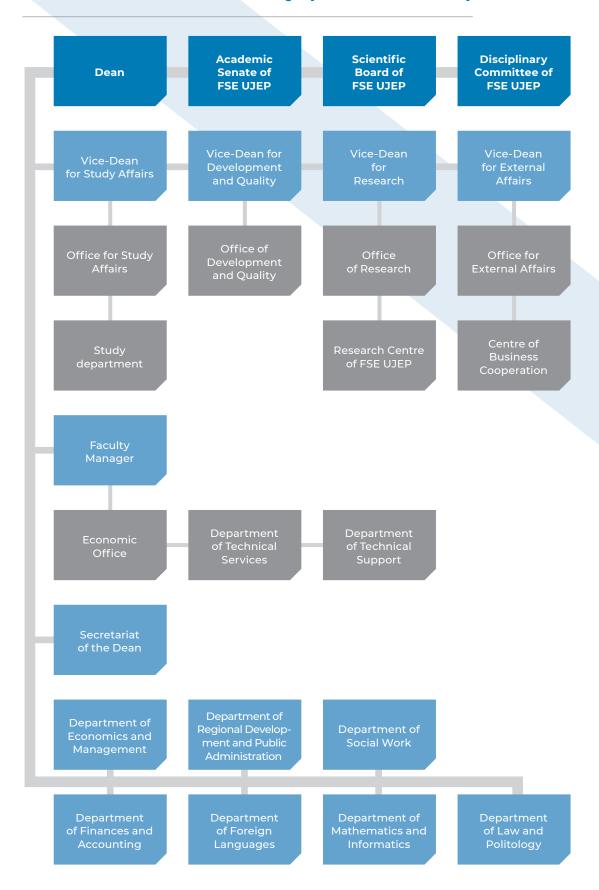
#### Vice-Dean for Research

doc. Ing. Jan Slavík, Ph.D.

#### Vice-Dean for External Affairs

doc. PhDr. Pavel Kuchař, CSc.

#### 1.b Structure of the faculty (as of 31. 12. 2019)



#### 1.c Official bodies of fse ujep

#### Scientific board (as of 31.12.2019)

#### Chairman:

doc. RNDr. Jaroslav Koutský, Ph.D. *The Dean of FSE UJEP* 

#### Internal members:

PhDr. Miroslav Barták, Ph.D. Department of Social Work of FSE UJEP

doc. PhDr. Peter Brnula, PhD.

Department of Social Work of FSE UJEP

doc. PhDr. Václav Houžvička, Ph.D. Department of Law and Politology of FSE UJEP

doc. PhDr. Jiří Buriánek, CSc. Department of Social Work of FSE UJEP

prof. Ing. Jiřina Jílková, CSc. Department of Economics and Management of FSE UJEP

prof. Mgr. Michal Koleček, Ph.D. Faculty of Arts and Design UJEP

doc. PhDr. Pavel Kuchař, CSc. Vice-Dean for External Affairs of FSE UJEP

doc. Ing. Kateřina Kovářová, Ph.D. Department of Economics and Management of FSE UJEP

doc. JUDr. Pavel Mates, CSc.

Department of Law and Politology of FSE UJEP

doc. Ing. Jan Slavík, Ph.D. Vice-Dean for Research of FSE UJEP

doc. Ing. Lenka Slavíková, Ph.D. Department of Regional Development and Public Administration of FSE UJEP

doc. Ing. Slavomíra Svátková, CSc. Department of Finances and Accounting of FSE UJEP

RNDr. Miloslav Šašek. CSc. Department of Regional Development and Public Administration of FSE UJEP

prof. Ing. Josef Šíma, Ph.D. *Rector CEVRO Institut* 

doc. Ing. Daniel Šťastný, Ph.D.

Department of Economics and Management of FSE UJEP

#### External members:

doc. Mgr. Ing. Martin Dlouhý, Dr., MSc. Faculty of Informatics, University of Economics, Prague

Ing. Mojmír Hampl, Ph.D.

Deputy Governor, Czech National Bank

prof. Ing. Ivan Jáč, CSc. Faculty of Economics, Technical University of Liberec

doc. Ing. Tomáš Meluzín, Ph.D.

Brno University of Technology

- Faculty of Business and Management

prof. Ing. Hana Řezánková, CSc. Faculty of Informatics, University of Economics, Prague

prof. dr. Ralph Sonntag

Dresden University of Applied Sciences

doc. RNDr. Václav Toušek, CSc. Faculty of Science, Palacký University Olomouc

prof. RNDr. Milan Viturka, CSc.

Faculty of Economics and Administration

Masaryk University

doc. Ing. Stanislav Škapa, Ph.D.

Dean of the Faculty of Business and Management, Brno University of Technology

prof. Ing. Miroslav Žižka, Ph.D. Dean of Faculty of Economics, Technical University of Liberec

#### Academic senate (as of 8.12.2019)

#### Chairman:

PhDr. Bc. Kateřina Smejkalová, Ph.D. Department of Foreign Languages of FSE UJEP

#### Vice-Chairman:

Bc. Radek Šimanovský student of FSE UJEP

#### **Academic Curia AS FSE UJEP**

Ing. Eva Fuchsová

Department of Economics and Management of FSE UJEP

doc. PhDr. Václav Houžvička, Ph.D.

Department of Law and Politology of FSE UJEP

Ing. Michaela Jánská, PhD.

Department of Economics and Management of FSE UJEP

Ing. Petr Kačírek

Department of Regional Development and Public Administration of FSE UJEP

Ing. Miroslav Kopáček

Department of Regional Development and Public Administration of FSE UJEP

PhDr. Alice Reissová, Ph.D.

Department of Economics and Management of FSE UJEP, Department of Social Work of FSE UJEP

PhDr. Bc. Kateřina Smejkalová, Ph.D.

Department of Foreign Languages of FSE UJEP

#### Student Curia AS FSE UJEP

Bc. Radek Šimanovký student of FSE UJEP

Andrej Kostin

student of FSE UJEP

Jan Kouba

student of FSE UJEP

Miloslav Ouška

student of FSE UJEP

Vít Šimůnek

student of FSE UJEP

Bc. Simona Vršecká

student of FSE UJEP

#### Academic senate (as of 9.12.2019)

#### Chairman

Ing. Miroslav Kopáček

Department of Regional Development and Public Administration of FSE UJEP

#### Vice-Chairman

Bronislava Žemličková student of FSE UJEP

#### **Academic Curia AS FSE UJEP**

doc. PhDr. Václav Houžvička, Ph.D.

Department of Law and Politology of FSE UJEP

Ing. Michaela Jánská, PhD.

Department of Economics and Management of FSE UJEP

Ing. Miroslav Kopáček

Department of Regional Development and Public Administration of FSE UJEP

Ing. Petra Olšová, Ph.D.

Department of Regional Development and Public Administration of FSE UJEP

Mgr. Alexandra Petrů

Department of Social Work of FSE UJEP

doc. Ing. Lenka Slavíková, Ph.D.

Department of Regional Development and Public Administration of FSE UJEP

PhDr. Bc. Kateřina Smejkalová, Ph.D.

Department of Foreign Languages of FSE UJEP

#### **Student Curia AS FSE UJEP**

Mgr. Ing. Tereza Grosse student of FSE UJEP

Bc. Tomáš Hrdlička student of FSE UJEP

Bc. Jan Kouba student of FSE UJEP

Ing. Pavel Krajíček student of FSE UJEP

Petr Kříž student of FSE UJEP

Bronislava Žemličková student of FSE UJEP

#### 1.d Representation of universities

#### Council of Universities (RVŠ)

PhDr. Bc. Kateřina Smejkalová, Ph.D.

RVŠ member

Member of the Commission for Educational Activities of RVŠ

#### Association of Educators in Social Work

Members of the Department of Social Work FSE UJEP

#### 1.e Faculty mission, vision and values

#### **Faculty mission**

The main mission of UJEP's Faculty of Social and Economic Studies is to raise the level of competitiveness and quality of life of the Ústí region through its educational and research activities.

#### **Faculty Values**

The Faculty of Social and Economic Studies values education and culture. For the Faculty, education means a complex system of knowledge about today's world, a set of useful skills and education towards humanism, tolerance and responsibility. The faculty asserts an approach of innovation, team spirit and activeness. In its activities, it applies the following principles, which are imbedded into the academic surroundings and are generally shared both by the students and the employees of the faculty.

*Respect for liberty* – Academic liberty represents an indisputable value instilled in the internal regulations of the faculty. These values are first of all expressed by liberal tuition, liberal creative activities and the institutional autonomy of the faculty.

Respect for responsibility – Each student and employee of the faculty is fully aware of the responsibility for the consequences of his or her performance. Through its students and employees, the faculty is fully responsible for the results of its educational and research activities. Regarding the outside environment, the faculty fully accepts its responsibility of an active participant in the economic, social and cultural development of the region.

Respect for achieved results – Each student and employee of the faculty fully uses their capacities to achieve maximum possible results. Each member of the faculty is fully and fairly remunerated for their performance.

Respect for individuals and the collective — Each student and employee of the faculty embodies a unique individuality with their opinions, abilities, feelings and needs and as such he or she is respected by the faculty surroundings. In the same way, each individual feels responsibility towards the Faculty as an institution, and through his or her own performance contributes to the development and strengthening of its position.

#### **Faculty vision**

FSE UJEP is a respectable educational institution that prepares graduates to be successfully employed on the labour market by means of quality tuition, and thus significantly contributes to the increase of the qualification level of the Ústí nad Labem region.

The faculty tries to find and describe problems and topics relevant to the economic and social situation of the region, and with its research activities contributes to their solution. At the same time, it serves as a place for creating or actively implementing social, product and process innovations and their dissemination into the external environment.

The faculty represents the main gateway for international contacts in the area of economic and social sciences between the Ústí region and the outside world.

The faculty is also a source of inspiration for other institutions and firms within the region as a functioning enterprise and employer.

# Did you know that...

...FSE UJEP is preparing the new doctoral studies program Regulation and Behavioral Studies?

FSE UJEP is the holder of projects financed from the OP
RDE with the names "School of Doctoral Studies - Applied and
Behavioral Studies" and "Center for Regulation and Behavioral
Studies for research-oriented study programs UJEP". With the help of
these projects, we are striving to obtain accreditation for the new doctoral
study program Regulation and Behavioral Studies and build the relevant
research infrastructure - mobile behavioral laboratory, stationary biofeedback
laboratory, eye-tracking devices, mathematical-statistical laboratory, etc.



## 2. STUDY PROGRAMS, ORGANIZATION OF STUDIES AND EDUCATIONAL ACTIVITY

#### 2.a Total number of accredited study programs

FSE UJEP has an established qualification framework in all accredited study programs. The methodology of learning outcomes describes all bachelor's and follow-up master's degree programs carried out at the faculty. In total, there are 7 study programs, the list of which is given below.

Study Program Code	Study Program	Field of Study Code	Field of Study	В	N	D	FS
B6208	Economics and Management	6208R086	Business Economics and Management	В			PK
		6208R113	Financial Management	В			P,K
		6208R007	Economics and Management	В			P,K
B6202	Economic Policy and Administration	6202R040	Regional Development	В			P,K
		6202R104	Regional Development and Public Administration	В			P,K
B6731	Social Policy and Social Work	6731R012	Social Work	В			P,K
N6208	Economics and Management	6208T086	Business Economics and Management		N		Р
		6208T113	Financial Management		N		Р
		6208T007	Economics and Management		N		Р
N6202	Economic Policy and Administration	6202T040	Regional Development		N		Р
		6202T104	Regional Development and Public Administration		N		Р
N6731	Social Policy and Social Work	6731T030	Management in Social Work		N		Р
P6202	Economic Policy and Administration	6202V105	Applied Economics and Administration			D	P,K

In 2019, the bachelor's study program Regional Development and Public Administration in the full-time and part-time form of study and the follow-up master's study program Regional Development and Public Administration in the full-time form of

study were successfully re-accredited. These programs have been granted accreditation by the National Accreditation Authority for 10 years.

## 2.b The share of the application sphere in the creation and implementation of study programs

The faculty uses experts from the field of application in teaching professional subjects and practical courses. These experts are also involved in leading the final theses. Guests in teaching or practice-oriented teaching include courses such as Economics and Management in Practice, Digital Marketing or Marketing Strategies. Teaching on the premises of companies (e.g. Adler, KS Kolbenschmidt, Glencore Agriculture, Kuehne and Nagel), connected with an excursion and presentation of work on the assignment of companies, takes place in the course International Business Operations. Well-known entrepreneurs and managers (e.g. Andrej Kiska, Petr Andrýsek, Margareta Křížová, Stanislav Gálik, Filip Molčan; Google) gave lectures within the subject Entrepreneurship in the Region, which is attended by bachelor's students of Economics and Management and Regional Development and Public Administration. The visits were also open to the public.

The connection with the application sphere also takes place through student internships. Students in the fields of Regional Development and Public Administration and Social Work have standard teaching experience. A similar approach is being prepared for students of Economics and Management within the new accreditation. The faculty supports internship and work experience offers by continuously publishing offers on its website, social networks and advertising areas within the faculty, but also by regularly organizing various formats of career days (e.g. in the form of speed dating in cooperation with the Innovation Center of the Ústí nad Labem Region).

#### 2.c Other educational activities

In 2019, FSE UJEP organized, among other things, the following lectures, workshops and discussion gatherings:

- Martin Krček: Grow With Google: How to Start a Startup in 30 Days
- Tomáš Petříček, Markéta Meissnerová: Foreign Policy and Diplomacy of the Czech Republic in the Current Context of the European Union
- Jaroslav Koutský, Pavel Raška: The Academic World in Great Britain and the USA
- Tomáš Siviček: Building an Innovation Ecosystem and the Role of New Technologies Findings from an Internship at HTW Dresden
- IEEP staff: What are the Benefits of Our Community Garden? or It Doesn't End with Planting.
- Miroslav Suchý: Eye-Tracking: A Method of Examining Human Behavior

The Department of Economics and Management organized the one-semester course Digital Marketing. Top experts from Google, Seznam and our region spoke during the course. Students got acquainted with the principles and content of digital marketing, design of campaigns within social networks and their evaluation, etc.

In 2019, members of the Department of Languages (KCJ) held motivational lectures at selected secondary schools, prepared seminars for the One Day as a University Student event and served on the committee in competitions for high school students in English conversation.

In 2019, the KCJ, in cooperation with the European Center of Languages, organized specially designed preparatory courses for students and the public for passing the Cambridge Exam (English) and Sprachdiplom (German) certificates. Candidates could then pass this certificate on one of the exam dates. The faculty helped its students in the form of a partial payment of the certificate in the form of an extraordinary scholarship.

In 2019, intensive preparatory courses in mathematics and foreign languages (English, German) took place. Each of the subjects took place for one week with a time allowance of 4 hours per day. Due to the fact that knowledge from secondary schools tends to be very diverse and subsequent examinations in both subjects are very difficult, especially for students of combined study, who sometimes have a large time gap from high school, we arranged and repeated the curriculum of high school in these courses, especially such areas that students need to study.

Members of the Department of Mathematics and Informatics participated in the organization of the Junior Charge competition in November 2019. It is a competition of mathematical and physical skills for lower grammar schools and the 2nd grade of primary schools. The event was attended by 29 four-member teams from schools in the Ústí nad Labem region. The lecture program was also prepared for the pedagogical accompaniment of co-operatives.



...in 2019 the faculty welcomed new students at FSEfest with interesting guests?

The traditional opening of the academic year is FSEfest - a multigenre festival in the garden behind the faculty building, which includes matriculation of first-year students. In 2019, the sixth year of FSEfest took place and the stars of the evening were, in addition to new students, the Tata Bojs.

#### 3. STUDENTS

#### 3.a Measures for reducing study failure

Since 2019, the faculty has been carrying out an analysis of study failure and study results of FSE UJEP students in the academic years 2015/2016 to 2018/2019 (researcher Dr. Měsíček). The analysis interval is chosen due to the gradual onset of changes in accredited study programs. The analysis is mainly based on data from the university-wide information system STAG. Based on information about the course of study and the result of the student's study, the main conclusions for the management of the faculty are continuously formulated. Some of the conclusions are comparable to other universities (e.g. a relatively significant number of students dropping out in the first year, or students who merely enroll in studies, but drop out without attempting to complete a credit or an exam). One significant finding is the discovery of different rates of passage through various groups of subjects. Another finding, for example, on the basis of interviews with study clerks, was the confirmation of the fact stated in the literature that for some students the cause of failure is difficult adaptation to a different system of study at university compared to secondary school. The obtained values also demonstrate the different degree of study failure in both full-time and part-time forms of study.

#### FSE UJEP strives to reduce academic failure through the following steps:

- The faculty evaluates the quality of teaching, which takes place for each semester in the form of a questionnaire survey. The results of the survey are presented to the Dean's Board, individual employees are acquainted with them and in the event of identified deficiencies, correction is required.
- The faculty offers preparatory courses for subjects that cause students difficulty in the first year of study. Those interested can take these courses before starting their studies.
- The Faculty proceeds to modify the study plans in the first semester of bachelor's study programs, introductory courses are included in the study, and courses with a high degree of study failure include repetitive seminars. Individual departments have introduced bachelor's internships, in which students are prepared to create their final theses.
- The Faculty offers elective courses supplementing and practicing the curriculum of subjects with a high degree of academic failure.
- The Faculty provides consulting activities for students, supports the
  development of e-learning and the creation of study aids. In 2019, the
  faculty managed a platform for e-learning study support Moodle.
- The faculty develops counseling for students with special educational needs. It provides mediation of counseling services provided by the University Support Center and the Psychological Counseling Center at the Department of Psychology of the UJEP Faculty of Education.

#### 3.b Measures to limit study extension

- The Faculty proceeds to modify the study plans in the first semester of bachelor's study programs, introductory courses are included in the study and in courses with a high degree of study failure and repetitive seminars are included. Individual departments have introduced bachelor's internships in which students are prepared to create their final theses.
- The Faculty offers elective courses supplementing and practicing the curriculum of subjects with a high degree of academic failure.
- Consulting activities for students are expanding, the help of tutors from among the students of the faculty is being utilized more, as well as e-learning. Continuous creation of study aids is underway.
- The faculty consistently enforces fees for longer studies.
- The Faculty ensures timely informing of students about the date when a fee obligation starts for the extended period of study individual informing of each student through the My Study folder in IS / STAG
- The Faculty ensures that students are informed about the status of the settlement of obligations towards UJEP individual information of each student through the My Studies folder in IS / STAG.
- The Faculty consistently recognizes subjects and credits obtained while studying abroad within the mobility program.
- The Faculty publishes the schedule of the academic year in a timely manner to support the optimal timing of the fulfillment of study obligations.
- The Faculty assigns the topics of the final qualification theses in a timely manner.

## 3.c Implementation of own / specific scholarship programs

The Faculty implements its own scholarship programs according to the Dean's Directive No. 2/2016 - Scholarships of UJEP's Faculty of Social and Economic Studies:

- Merit scholarships these are one-off scholarships, which are awarded mainly depending on the study-grade average achieved in the previous academic year.
- Extraordinary social scholarships are paid to students in an extremely difficult social situation.
- Extraordinary scholarships for extraordinary activities for the benefit of the faculty or for the payment of extraordinary costs associated with the solution of tasks assigned in the interest of the faculty, professional practice, extracurricular educational events or scientific research activities.
- A doctoral scholarship is awarded to full-time doctoral students in the form of regular monthly payments.
- Compensatory scholarships are awarded within the Student Grant Competition

#### 3.d Advisory services

Students and FSE employees can use the University Counseling Center, which is part of UJEP, free of charge.

The counseling center also provides consultations about the field of study and professional, personal or family issues and problems. Here, job seekers or those interested in choosing a field of study will find professional help.

In accordance with the long-term intentions of UJEP, several workplaces provide consulting services at the university:

- UJEP University Counseling Center in the field of study and admission procedure,
- Department of Lifelong Learning UJEP in the field of lifelong learning,
- Department for External Relations of UJEP in the field of career counseling and foreign mobility (study stays and internships),
- Psychological counseling of the Pedagogical Faculty in the field of psychological counseling.

Advisory services are also provided at the faculty level, either continuously through the study department, vice-dean for studies or heads of individual departments (departments, offices, etc.) or through one-off events, such as the Open Day. Current UJEP students also took part in counseling activities, organizing programs and leisure meetings for their colleagues (e.g. in the Tutor program for foreign students) or providing counseling on the SKAS website (e.g. in the section How to use libraries, How to use student mail, Where to get professional practice, etc.). The members of SKAS FSE UJEP organized an information meeting for first-year students, during which they introduced their new colleagues to the processes at the faculty.

#### 3.e Students with specific needs

Students are informed about the activities of the University Counseling Center UJEP during common presentations. In the center students can take tests which result in recommended measures to support their studies, which are binding for teachers.

In 2019, the Faculty provided barrier-free access through the main entrance to the building in Moskevská Street. Now immobile students can use two barrier-free entrances in the main faculty building in Moskevská Street and one barrier-free entrance in the faculty premises in the VIKS building on the Kampus area. In 2019, the project documentation for the reconstruction of the VIKS auditorium was underway, which will ensure barrier-free access to this auditorium. The M 303 classroom in the main faculty building also underwent reconstruction which ensured barrier-free access.

Socially disadvantaged students are supported in their studies with a social scholar-ship paid pursuant to Section 91, Paragraph 3 of Act No. 111/1998 Coll. on Higher Education Institutions and on Amendments to Other Acts (Act on Higher Education Institutions) as well as with extraordinary social scholarships awarded pursuant to Section 91 para. b) of the same law. Difficulty of social situation is also taken into account when assessing the application for review of the decision to charge the study fee. Socially disadvantaged students can also apply for an extraordinary one-time scholarship at FSE.

#### 3.f Exceptionally gifted students

In 2019, a student association called Follow Socio-Economists, which was established in 2018, continued to operate at FSE UJEP. It focuses on supporting the development of students' foreign language competencies and the development of international student cooperation. In 2019, more members were recruited.

In 2019, the faculty, through the Department of Foreign Languages, organized another year of the competition show of presentations in foreign languages. The show was attended by students from all three fields of study, from the first years to the master's degree, even foreign students staying at the faculty within the Erasmus + program. The show featured presentations in English and German on a variety of topics in economics, public administration, social work and law. The winner of the show in 2019 was Lucie Mařanová, a student of Economics and Management, with a close difference in points.

The faculty organized the 1st year of the Czech Envi Thesis competition in 2019 through IEEP. This competition presents the results of bachelor's and master's theses dealing with environmental issues from the perspective of social sciences and is held in order to increase the awareness of the professional public about the results of scientific activities of university students in the Czech Republic. The winner of the competition was Kateřina Tumová (FSS MUNI) out of a total of 21 works entered in the competition.

#### 3.g Students with socioeconomic disadvantages

According to the Dean's Directive No. 2/2016, students with socio-economic disadvantages can apply for an extraordinary scholarship. The scholarship commission decides on its award. In 2019, this commission assessed l application for an extraordinary scholarship in an extremely difficult life situation.

#### 3.h Support of student-parents

To support the study of student-parents, FSE UJEP applies the following measures in accordance with Act. 111/1998 Sb. on Higher Education Institutions and on Amendments to Other Acts (Act on Higher Education Institutions) (hereinafter referred to as the "Act") on Higher Education Institutions:

- extension of deadlines for fulfillment of study obligations pursuant to Section 54a of the Act,
- on the basis of the student's request, interruption of studies at any time during the recognized period of parenthood, even repeatedly, pursuant to Section 54 of the Act,
- deduction of the recognized period of parenthood from the total period of study decisive for the calculation of the date of the obligation to pay the fee for extended study according to § 54 of the Act,

- emission of fees for extended study periods in the event of a fee obligation,
- providing the possibility of individual consultations and applying another individual approach

#### 4. GRADUATES

#### 4.a Contact and cooperation with graduates

Even in 2019, the Faculty continued to develop contacts with its graduates, mainly through the ALUMNI FSE UJEP association.

The main goal of the association is to maintain contact with the graduates of the faculty, and thus to keep them in with the university events. The mentioned contact is two-way - the faculty continuously offers graduates participation in various cultural, sports or scientific events, on the other hand, it uses the professional and social potential of its graduates in its further development. Graduates register for the association using the form on the UJEP website via IS STAG. At the end of 2019, 623 graduates were registered in the Club, of which the "oldest" graduated from FSE in 1996.

To inform graduates about the happenings within the faculty and activities organized by the faculty, the publication of the alumni club ALUMNI FSE UJEP is sent out several times a year to registered members of the club, already for several years now.

Contact with graduates was also ensured by the faculty through informal graduate networks operating within the faculty. These networks were used for the implementation of internships, internships and excursions of students and for entering the topics of students' final theses and their opposition.

In 2019, the faculty invited its graduates to the following events through social networks:

- Welcome semester party
- Academic cup in cross-country skiing
- OPEN FSE CUP tennis tournament
- FseFest a music festival associated with the matriculation of the first years
- Scientific fair
- Christmas markets
- Meeting of graduates and friends of FSE UJEP

#### 4.b Employment and unemployment of graduates

An important source of information about graduates and their involvement in the labor market are the annual partial surveys, most often related to individual fields and carried out within the UJEP Institutional Programs.

Of particular importance in this context is the significant share of FSE graduates within UJEP in the international research of university graduates Graduate 2018. The massive representation of our graduates in 2019 allowed for the analysis of the development of their views and attitudes between 2013 (at the previous stage of this survey) and 2018, both at the faculty and university level.

#### 4.c Cooperation with future employers

Cooperation with future employers was developed through partner networks, which enabled the implementation of student internships, provided suggestions for the focus of bachelor's or master's theses, provided feedback on the compliance of study plans with the needs of internships and provided stimuli for innovation of study programs and fields.

The faculty continued to help students find employment. It cooperated with companies in the Ústí nad Labem region in the field of surveys and their evaluation, student internships, training programs and in the search for suitable candidates for graduate positions.

The list of entities that cooperated with the faculty in this area in 2019 can be divided into four groups.

#### **Manufacturing companies**

- Association for Chemical and Metallurgical Production, a.s.
- Mondi Coating Štětí, a.s.
- CDL SYSTEM a.s.
- Tivall CZ s. r. o.
- AGC Flat Glass Czech a. s., member of AGC Group

#### **Banking sector, Financial advisory**

- ČNB, KB, ČS, OVB a.s.,
- Česká spořitelna a. s.
- Allianz Insurance, a.s.
- Československá obchodní banka, a.s.

#### State administration

- Ústí n. L. City Hall
- Regional Office of the Ústí Region
- Labor Office of the Czech Republic, Regional Branch Ústí nad Labem

#### **Other**

- Všeobecná Health Insurance, Czech Republic
- Ice Hockey Club Slovan Ústečtí Lvi a.s.
- ManpowerGroup, s. r. o.
- HR expert s. r. o.



#### 5. INTERNATIONALIZATION

## 5.a Support of students in foreign mobility programs

The faculty publishes information about mobility programs not only on its website, but also communicates information to students through social networks and other promotional tools at its disposal.

The faculty motivates students to travel within the Erasmus + program with an Erasmus + motivational program. For students who successfully complete this mobility program, the faculty pays a one-time scholarship, which financially compensates them for some costs associated with the trip. The Faculty also contributes financially to the completion of the language course necessary for travel to the given country within the framework of this motivational program up to the amount of CZK 5,000.

In addition, the faculty organizes various meetings of those interested in going abroad with former participants in foreign programs. Students thus exchange first-hand experiences.

The aim of the faculty is the highest possible number of outgoing students, ideally so that each student spends at least a semester abroad during their studies.

## 5.b Support for foreign mobility of academic and non-academic workers

Every year, the faculty announces selection procedures for foreign teaching stays or internships for academic and non-academic staff.

The staff of the External Relations Department cooperates with the External Relations Department of the UJEP Rectorate and together provides administrative support for mobility participants.

In 2019, the FSE organized English language courses for academics. The aim of the courses was to increase the language skills of the AP in order to increase the quality of publishing activities and support foreign mobility. The faculty also motivates its non-academic staff to use language courses organized by the UJEP Rectorate.

## 5.c Integration of foreign members of the academic community

Every year, the faculty announces selection procedures for foreign teaching stays or internships for academic and non-academic staff. The staff of the External Relations Department cooperates with the External Relations Department of the UJEP Rectorate and together provides administrative support for mobility participants.

In 2019, the FSE organized English language courses for academics. The aim of the courses was to increase the language skills of the AP in order to increase the quality of

publishing activities and support foreign mobility. The faculty also motivates its non-academic staff to use language courses organized by the UJEP Rectorate.

#### 5.d Activities strengthening internationalization

In February 2019, doc. Ing. Lenka Slavíková, Ph.D. and Ing. et Ing. Eliška Vejchodská, Ph.D. participated in the 13th annual Planning, Law, and Property Rights conference organized by Texas A&M University (USA).

In addition to scientific contributions, the main goal of their participation was to take over the baton in the conference and bring the next year to FSE UJEP. The conference was attended by more than 120 experts from more than 24 countries and 5 continents. The key topics were urban displacement and transformation, housing policy, land value, compensation to private owners for limiting their rights in the public interest and the issue of flood risk mitigation (more information can be found at http://plpr2020.ujep. cz). The year 2019 was thus in the spirit of organizational preparation for this prestigious event, which has no analogues in the history of FSE UJEP, as well as UJEP as a whole.

Another important activity strengthening the international character of the faculty is the international scientific conference entitled Social and Economic Development & Regional Policy, which FSE UJEP is organizing in cooperation with UJEP's Faculty of Natural Sciences and IEEP, the Institute for Economic and Ecological Policy with support from the prestigious organization Regional Studies Association (RSA) every even-numbered year. Preparations for the 19th annual conference began in 2019 and it was due to take place in June, 2020, but did not due to the COVID-19 epidemic.

## 6. RESEARCH, DEVELOPMENT, ARTISTIC AND OTHER CREATIVE ACTIVITIES

#### 6.a Linking creative and educational activities

The Faculty supports the involvement of master's and doctoral students in creative activities through the Student Grant Competition (SGS). In 2019, students were involved in SGS within a total of 17 projects, the results of which were published in peer-reviewed professional periodicals and presented at professional conferences.

In 2019, the faculty organized the first year of a national competition of bachelor's and master's theses dealing with environmental issues from the perspective of social sciences called Czech Envi Thesis. An expert jury led by prof. RNDr. Bedřich Moldan, CSc, dr.h.c. (Faculty of Humanities, Charles University in Prague) and prof. Ing. Jiřina Jílková, CSc. (FSE UJEP) selected from a total of 21 qualification theses representing more than 10 colleges and universities in the Czech Republic.

In 2019, the faculty departments continued to hold bachelor's and master's seminars, the purpose of which was to prepare students for the creation of qualification theses according to the standards of creative activity. These seminars are led by experienced academic staff with rich and high-quality publishing activities with the support of the involvement of experts from practice.

#### 6.b Involvement of students in creative activities

Gifted students have worked as supportive scientific forces, including undergraduate students. Students are also involved in other faculty projects such as GAČR, Interdisciplinary Summer School, etc.

In 2019, students were involved in a number of scientific research projects as part of the Student Grant Competition. They also participated in the publication of grant results in peer-reviewed professional periodicals, and the data obtained were further used in teaching. In 2019, a total of 1,053,000 Czech Crowns in financial support was provided within SGC for the projects listed below.

- The concept of regional value-added partnership in the branch of agrofood production and countryside tourism: Design for implementation of countryside development (financial support 63 thousand CZK)
- The attitudes of young people to doing business (financial support 60 thousand CZK)
- Generation Y on the labour market (financial support 70 thousand CZK)
- Metropolitan areas in the Czech Republic the dynamics of suburban processes and other geographical structures; Automobile and electromechanical industry in the Czech Republic as a load-bearing branch of the national economy (financial support 70 thousand CZK)

- Economic performance on the regional level in the Czech Republic and opportunities for local authorities (financial support 66 thousand CZK)
- Internal values of communities in processes of strategic planning of local development (financial support 70 thousand CZK)
- Regional price disparity on the real estate market in the Czech Republic (financial support 80 thousand CZK)
- Participation in the concept of Smart City: engaging the public in the decision-making process on the local level (financial support 50 thousand CZK)
- Economies of cities and regulation of new models of enterprise in the process of Smart City (financial support 40 thousand CZK)
- Open data in the Ústí nad Labem region situation and prospects (financial support 50 thousand CZK)
- Civic activity in the Ústí Region and its context (financial support 80 thousand CZK)
- Economic legislative aspects of growing the energy crop Miscanthus x. giganteus (financial support 80 thousand CZK)
- Classification and evaluation of the impacts of suburbanization on the budgets and development processes of municipalities in the hinterland of larger cities (financial support 71 thousand CZK)
- Business migration from cities to the countryside: its importance for the development of rural areas and reflections in rural planning (financial support 57.5 thousand CZK)
- Institutional analysis of flood crisis operational plans in the Czech Republic (financial support 46 thousand CZK)
- Social Work in the education system (financial support 50 thousand CZK)
- 20 years since the fall of the wall on Matiční Street (financial support 50 thousand CZK)

## 6.c Research facilities for research, development and innovation

Title of the grant, research project, patent or other creative activity	Source accord- ing to the Ministry of Education, Youth and Sports clas- sification	Financial support UJEP (in thou- sands of CZK)
Cross-border cooperation for the development of railway transport Saxony - Czech Republic	А	107,6
kultura.digital	А	134
Influence of demographic development and 'displacement effect' on the fee policy of municipalities in waste management	В	0
BIDELIN Values of ecosystem services, biodiversity and green-blue infrastructure in cities from the example of Dresden, Liberec and Děčín	Α	133,5
CE-HEAT (Comprehensive model of waste heat utilization in CE regions)	А	250
Saxony-Bohemia management of flood risk II (STRIMA II)	А	239
Interdisciplinary bilateral winter and summer school on energy systems in Austria and the Czech Republic 2019	А	0
Sustainable energy policy in Europe in 2019	С	0
RESTEP II - Economic support of strategic and decision-making processes at the national and regional level leading to the optimal use of renewable energy sources, especially biomass, while respecting food self-sufficiency and soil protection	С	80
REGBES - School of Doctoral Studies - Applied and Behavioral Studies	С	0
REGBE - Center for Regulation and Behavioral Studies for research- oriented UJEP study programs	С	0
Development of methods for economic evaluation of green and blue infrastructure in human settlements	С	200,5
OC-2016-2 Natural Flood Retention on Private Land	А	0
COMNID: Support for the transfer of results of applied research into new technologies and services	С	0
Socially on both sides of the border	А	0
Strategic tools for supporting decision-making in municipalities in the area of sustainable mobility	В	98,4
Development of trajectories of traditional industries in old industrial regions: governance, actors, institutions and leadership	В	0
Artomat	А	35
Religion in the communist regime: a view of the theory of rational choice	В	64,2
WATER IN THE CITY: Interdisciplinary blue and green infrastructure	В	0

## 6.d Support for students of doctoral study programs and staff in post - doctoral positions

Doctoral students are supported both by a standard doctoral scholarship (full-time students) and by special scholarships depending on the speed of study, derived from the number of credits obtained.

Students are further supported in their scientific activities, for example in the form of a Student Grant Competition, depending on the quality of the submitted projects.

Another tool to support doctoral students is the Dean's Directive No. 1/2019 Support for research activities at FSE UJEP, which grants these students the right to remuneration if they show extraordinary scientific activity (e.g. publications in foreign impact journals or professional monographs), if they submit a scientific project to GAČR, TAČR, and if this directive allows for further material support for doctoral students.

### 6.e Cooperation with the application sphere in the creation and transfer of innovations

The Faculty of Social and Economic Studies cooperates with companies and institutions in two forms.

The first is cooperation based on long-term contractual bases with partner companies and institutions, based on the obligation of students to complete professional internships. This applies to the fields of Social Work and Regional Development. Within their framework, cooperation is maintained with relevant institutions, especially in the public sector (regional authorities, social services institutions). Students perform the mentioned internships here, it should be noted that for mutual benefit, i.e. both by the faculty and these institutions.

The second form is cooperation based also on a contractual basis, where, however, the performance of professional practices is completely dependent on the personal activity of students. FSE has concluded such agreements with approximately 10 companies (e.g. Spolchemie Ústí n.L., Mondi Štětí, ČSOB, Allianz, CDL System Ústí n.L., etc.). Their content is, in addition to the mentioned practices, also the possibility for companies to present their activities in FSE information media, in special lectures or meetings with students, companies participate in assigning topics for bachelor's and master's theses, taking into account their needs and allow them to organize thematic excursions for students, etc.

Until the end of 2019, the faculty participated in a project of cooperation with Valeo on the development of autonomous vehicles, in which students not only from FSE UJEP participated. Cooperation with Valeo is the most important contract in the history of UJEP in terms of volume.

The complexity of the project was that it proved possible to build a virtual company within UJEP - with all the appropriate processes arising from cooperation with industry and on the other hand, with all the restrictions arising from the nature and rules applicable to public universities (including internal regulations). What was the project of the so-called annotation center actually about? Basically, to make cars learn to recognize both static and dynamic objects in their surroundings by analyzing data in the form of a video recording of driving and sensor outputs. The main activities therefore consisted of: annotation (i.e. labeling and attribute assignment) of dynamic objects (DO) and so-called road boundaries and fences (RBF),

evaluation of the environment in front of and behind the vehicle (EGO). Another partial task was KPI analysis. Here, the evaluation of the road environment by the system was compared with the evaluation by an annotator, and later we switched to a project with the evaluation of situations using an image.

The ambition of the project staff from the beginning was to move the project towards the possibility of creating a branch of the Valeo research and development center. Therefore, the faculty together with the Innovation Center of the Ústí Region (ICUK) searched for and identified strategic opportunities. Among them, suitable localities were selected for the creation of a test polygon and the creation of a test zone within Ústí nad Labem. The future of mobility and autonomous mobility also got into the Re: Start program, which, thanks to the support of the Ministry of Transport of the Czech Republic and SFDI, financially supported the preparation of a feasibility study for the so-called U Smart Zone. ICUK and FSE UJEP participated in the preparation of the document, FD ČVUT in Děčín (together with KPMG) participated in the feasibility study. The issue of mobility and technologies is also reflected in the Regional Innovation Strategy and the so-called Smart Specialization Strategy of the Ústí Region (RIS / RIS3). It creates opportunities for both existing and emerging industries in the region.

The involvement of FSE UJEP in cooperation in the field of the future of mobility strengthened the faculty's opportunities to participate in work in national bodies related to mobility (e.g. at the Ministry of Transport of the Czech Republic), but also in the development of other project activities taking place at the faculty. Cooperation with the branch of FD ČVUT in Děčín also intensified. UJEP has also been involved in the preparation of a cross-border project between Prague and Dresden concerning intelligent transport systems on the D8 motorway. The annotation center succeeded in the global competition of other centers, significantly, the project moved from the initial pilot (and a bit popularizing) operation essentially to an industrial position.

## 6.f Support for the horizontal mobility of students and academic staff and their educational

S In order to strengthen the cooperation of the faculty with the application sphere, the Center for Cooperation with FSE UJEP companies was established in 2019. The centre's tasks include expanding the network of partners and intensifying cooperation in the field of practice-oriented teaching (e.g. student participation in business tasks in teaching), collaborative research, as well as internships for students and academics.

In the past, similar practices took place, for example, in cooperation with O2 and Node5. This is complemented by the involvement of colleagues who, in addition to teaching, are active, for example, in business or in expert regional and national committees. The Faculty was and is also staffed with the Innovation Center of the Ústí nad Labem Region (ICUK), where the faculty staff works and where some FSE students have gained or are gaining their first work experience.

Students in the fields of Regional Development and Public Administration and Social Work have work experience as part of their instruction. A similar approach is being prepared for students of Economics and Management within the new accreditation. The subject of Internship and Work Experience will be piloted in Autumn 2020. The faculty supports internship and work experience offers by continuously publishing offers on its website, social networks and advertising areas within the faculty, but also by regularly organizing various formats of career days (e.g. in the form of speed dating in cooperation with the Innovation Center of the Ústí nad

Labem Region). Other possibilities appear thanks to the UJEP Counseling Center, which also covers career counseling and the university's involvement in the Erasmus + program, where students can go on an internship abroad. Guests in teaching or practice-oriented teaching include courses such as Economics and Management in Practice, Digital Marketing or Marketing Strategies. Teaching on the premises of companies (e.g. Adler, KS Kolbenschmidt, Glencore Agriculture, Kuehne and Nagel), connected with an excursion and presentation of work on the assignment of companies takes place in the course International Business Operations. Until the end of 2019, the faculty also had a project of cooperation with Valeo on the development of autonomous vehicles, in which students not only from FSE participated.

The support of entrepreneurship and innovative entrepreneurship takes place along two lines: a) within the framework of education, b) within the framework of cooperation with the Innovation Center of the Ústí Region. The primary subject, which serves to support entrepreneurship and the development of entrepreneurial competencies, is the subject "Entrepreneurship in the Region", which is attended by students of Economics and Management and Regional Development and Public Administration at the bachelor's degree level. Lectures that are open to the public are led by entrepreneurs and managers (e.g. Andrej Kiska, Petr Andrýsek, Margareta Křížová, Stanislav Gálik, Filip Molčan; Google) and students learn to generate business ideas, compile and verify business models. Students have the opportunity to participate in competitions with their ideas (e.g. Social Impact Award, etc.).

In the current academic year, the faculty has opened two new courses that strengthen entrepreneurship and innovation. Startup Business is an English course primarily for Erasmus, but is offered across the university. It aims to promote multidisciplinarity, which is important for innovation. Designing for Future and Innovation is a practically oriented course in English offered across the university, where students get acquainted with a whole range of innovative methods and techniques (Human Centered Design, Design Thinking, Design Sprint, Scrum, Agile, etc.) on specific cases and assignments from companies, or as part of participation in hackathons and innovation days.

As part of the new accreditation in the field of Social Work, a subject for social entrepreneurship is being prepared. Students in the field of Regional Development and Public Administration will also get acquainted with the system approach in the subject of Innovation, Innovative Environment and Management. The Faculty is involved in other activities that help the development of innovative entrepreneurship, such as the preparation of complementary courses at other faculties (Science, Health Studies), or the activities of the Digital Health Platforms of the Ústí Region, which enables cooperation on the principle of quadruple helix (e.g. also with the involvement of students and employees of UJEP). It is also a regular regional partner of national competitions for business ideas, such as T-Mobile Rozjezdy. This year, together with Google and its New Generation of Founders initiative, a workshop on Design Thinking was prepared primarily for UJEP students.

A key player in the region for the support of innovative business is ICUK, which was co-founded by UJEP. He participates in the already mentioned courses (e.g. Entrepreneurship in the Region), mediates opportunities for research and development cooperation as well as opportunities for internships and work experience, and co-organized faculty career days this year. Every year, in UJEP and in cooperation with FSE, it organizes the largest event to support (innovative) business and startups - FestUp, where other famous personalities spoke: Dita Přikrylová (CzechItas), or Simona Kijonková (Zásilkovna), who is also a successful graduate of FSE. In the past, it co-organized the first public Hackathon in the region on the topic of Smart City. It organizes a number of thematically focused workshops (and webinars) on business and innovation, both inside and outside the incubator.



The Erasmus Breakfast is a meeting of former and future Erasmus + participants to share experiences of international mobility..



In the reconstructed premises of the university club, students organized a Christmas student party for their colleagues and faculty staff.

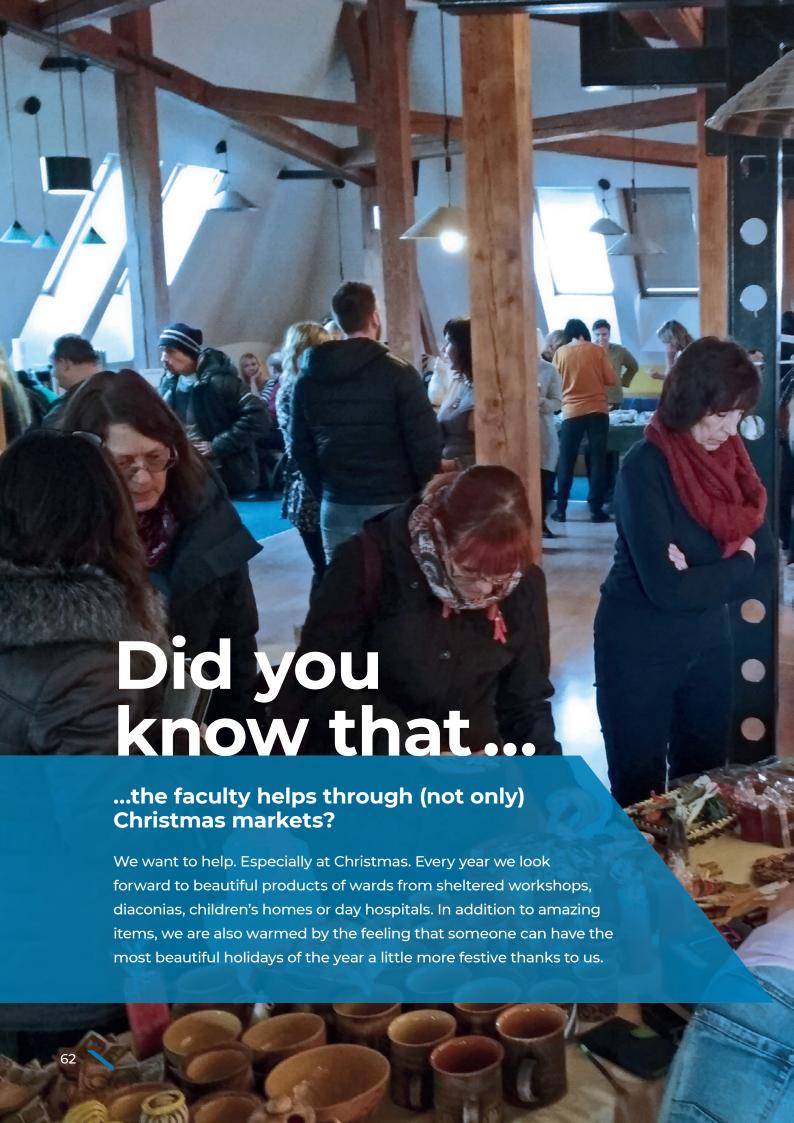


In October 2019, the 6th year of the FSEfest multi-genre faculty festival took place. It included matriculation of new students, promotion of the Erasmus + program and presentation of the activities of the UJEP Student Union. The highlights of FSEfest in 2019 included concerts by the groups Tata Bojs and the traditional guests Točílas, TopSpot and others.



In 2019, at the FSE UJEP, a lecture on land ownership rights and their impact on the economic development of the region was given by a prominent Australian expert on this issue, Prof. John Sheehan. On this occasion, he met with the management of the faculty and placed his signature on the board of important guests of the faculty.

In September 2019, representatives of the faculty met with the principals of partner secondary schools to evaluate the cooperation in the past period and agree on the basic framework for the continuation of joint activities.



## 7. NATIONAL AND INTERNATIONAL EXCELLENCE

7.a International and important national research, development and creative activities, integration of research infrastructure into international networks and involvement of the faculty in professional or artistic networks

The key scientific achievement of FSE UJEP is the project of European cooperation in scientific and technical research (Cost Action) called LAND4FLOOD (Natural Flood Retention on Private Land, www.land4flood.eu), whose coordinator is doc. Ing. Lenka Slavíková, Ph.D. (FSE UJEP) and vice-president visiting FSE UJEP Dr. Thomas Hartmann (Wageningen University, The Netherlands).

This international project brings together researchers from all over Europe and the result is a number of professional conferences, workshops and popularization materials as well as scientific outputs - such as professional monographs published by Springer entitled Nature-Based Flood Risk Management on Private Land, edited by Dr. Thomas Hartmann, doc. Lenka Slavíková and Dr. Simon McCarthy.

At the national level, the key projects at FSE UJEP include the project SMART City, SMART Region, SMART Community (http://smart-mateq.cz/projekty/projekty-smart/smart-iti/), whose main researcher is prof. Ing. Jiřina Jílková, CSc. The project partner is the Czech Technical University in Prague. The project is a platform for strategic cooperation of academic staff from selected UJEP faculties, the application sector and the public (in accordance with the partnership principle). Deepening this cooperation is an important prerequisite for fulfilling the main goal of the project, which is to address the long-term social needs of the population in the Ústí nad Labem region, improve their quality of life and increase the competitiveness of the Ústí nad Labem region in the Czech Republic. The tool for meeting this goal is the implementation of SMART measures and tools that respond to the current needs of entities in the Ústí Region.

In the area of cross-border cooperation, the ongoing project kultura.digital can be mentioned in 2019, which connects contemporary art in the German-Czech border area with a new digital platform. This created a digital cultural map showing all the important places of contemporary art along the river Elbe. The free and up-to-date web portal offers individual cultural experiences in the Labe/Elbe Euroregion. The project is co-financed by the EU under the Saxon-Czech program "Interreg V A - 2014-2020". The project team consists of employees of FSE UJEP, the Technical University of Dresden, the State Art Collections of Dresden and the Labe/Elbe Euroregion.

Another important act of a supra-regional nature is the STRIMA II project, which deals with the analysis of tools and measures to reduce flood damage to buildings, infrastructure and the use of measures in the river basin district. The project includes cross-border cooperation in flood protection and its benefit is the sharing of information on floods (interconnection of warning systems in cross-border river basins), exchange

of experience and coordination of strategies for flood risk management. improving the prevention of (potential) damage to buildings and infrastructure and promoting meetings in cross-border flood risk management forums. An important part of the project is also the economic and institutional analysis of measures in the area of river basins with retention potential. The project is funded by the Cooperation Program Czech Republic - Free State of Saxony 2014-2020.

#### 7.b The national and international award faculty

FSE UJEP received the Faculty of the Year award on the FakultaRoku.cz web portal in the Faculty of Economics section at public universities (http://fakultaroku.cz/zebricky/).

The results of the evaluation come from a survey among students and recent graduates of universities in the Czech Republic and they evaluate the quality of teaching and the teaching environment.

#### 8. THIRD ROLE OF THE FACULTY

## 8.a Activities in the field of knowledge transfer to practice

At FSE UJEP in 2019, the Center for Cooperation with Companies was established, headed by Ing. Tomáš Siviček, PhD.

The center plans to use the newly built premises in the basement of the building on Moskevská Street, especially to support business incubators. The center has administrative and technical facilities, which include meeting rooms, workshops with the necessary equipment, and a relaxation area with kitchenette. At the same time, the Faculty is involved in the transfer of knowledge into practice through personnel, marketing and spatial support of the Innovation Center of the Ústí Region (ICUK).

#### 8.b Activity in the region

UJEP, as the most significant regional provider of university education, is actively involved in many regional committees and platforms to which it brings its own stimuli, expertise, and sometimes even data and analyses. As part of its third role, it thus actively participates in the dialogue on the future direction of the region.

When creating strategic and conceptual materials, it can rely on expertise in the field of regional development, innovative ecosystems, competitiveness, economics, economics and public administration, which the faculty has been dealing with professionally and scientifically for a long time.

These platforms (among others) include the Research and Education Platform of the Central Committee coordinated by the ESC Central Office, the Regional Council for Competitiveness, which approves, for example, the RIS / RIS3 strategy (Regional Innovation Strategy and the so-called Intelligent Specialization Strategy). Faculty experts were intensively involved in working groups during the preparation of the first ITI strategy (integrated territorial investment) of the Ústí-Chomutov agglomeration for the 2016-2020 programming period. Thanks to ITI, one of the most important scientific projects, Smart City-Smart Region-Smart Community, was supported. UJEP was also involved in the preparation of the strategy for the period 2021-2027. The most important coordinating bodies in which FSE experts work include the Regional Standing Conference and its working groups, which discuss all key development documents, such as the Central Development Strategy until 2027. UJEP as a stakeholder and beneficiary also conducts a dialogue on Re: Start economic restructuring of ÚK, MSK and KVK), FSE has its representative in the expert team of the Ministry of Regional Development, which assesses draft measures, action plans and strategy updates.

Representatives of the faculty are also active at the level of national committees (e.g. Legislative Council of the Czech Government, Coal Commission, Czech Smart City Cluster, Working Group for Autonomous Management at the Ministry of Transport of the Czech Republic and others) and cross-border committees (e.g. working groups of Euroregion Elbe / Labe).

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