

## PROJECTS OF 2020

PROJECTS OF YOUNG RESEARCHERS				
Project number	Project leader	Project name	Start	End
I-20-108-00	Ing. Jozef Lukáč, PhD. <i>co-researchers:</i> Ing. Jaroslava Šepel'ová Ing. Paulína Kaselyová Ing. Zuzana Rudášová, PhD.	A company in crisis in terms of financial analysis and law	2020	2020
VEGA				
Project number	Project leader	Project name	Start	End
1/0363/20	prof. Ing. Bohuslava Mihalčová, PhD., PhD. <i>co-researchers:</i> doc. Ing. Barbora Gontkovičová, PhD. prof. Ing. Michal Pružinský, PhD. doc. Ing. Martin Mizla, PhD. doc. Ing. Emília Duř'ová Spišáková, PhD. Ing. Cecília Olexová, PhD. Ing. Lenka Štofová, PhD. Ing. Zuzana Rudášová, PhD.	Economic relations of the share of women in management positions at selected companies in the Slovak Republic	2020	2022
1/0736/19	PhDr. Ing. Robert Verner, PhD., MBA <i>co-researcher:</i> Dr.h.c. prof. RNDr. Michal Tkáč, CSc. Ing. Matej Hudák, PhD. Ing. Zuzana Rudášová, PhD.	Application of artificial intelligence methods to model European bond markets	2019	2020
1/0376/17	prof. Ing. Vanda Lieskovská, PhD. <i>co-researchers:</i> doc. Ing. Silvia Megyesiová, PhD. Ing. Cyril Závadský, PhD. MUDr. Mária Grullingová, MPH MUDr. Diana Horvátová, MPH Ing. Katarína Petrovčíková, PhD. Ing. Monika Čonková, PhD. Ing. Erika Dudáš Pajerská, PhD.	Marketing as a tool of the health policy support	2017	2020
1/0828/17	doc. Ing. Peter Mesároš, PhD. <i>co-researchers:</i> prof. Ing. Štefan Čarnický, PhD.	Research and use of knowledge-oriented systems for the needs of modeling cost and economic parameters in the information model of buildings	2017	2020
KEGA				

Project number	Project leader	Project name	Start	End
032EU- 4/2020	doc. Ing. Naqibullah Daneshjo, PhD. <i>co-researchers:</i> doc. Ing. Michal Stričík, PhD. Ing. Katarína Petrovčíková, PhD. Ing. Jaroslav Dugas, PhD. Ing. Erika Dudáš Pajerská, PhD.	Implementation and Educational Model of Intelligent Business Logistics	2020	2022
026EU- 4/2018	prof. h. c. prof. Ing. Milan Majerník, PhD. <i>co-researchers:</i> doc. Ing. Martin Mizla, PhD. Ing. Jaroslav Dugas, PhD. Ing. Erika Dudáš Pajerská, PhD.	Educational and communication support for European development strategies by profiling graduates in the field of Economics and Business Management	2018	2020
<b>APVV</b>				
Project number	Project leader	Project name	Start	End
APVV-16-0160	prof. JUDr. Vladimír Babčák, CSc. <i>co-researchers:</i> Ing. Cecilia Olexová, PhD.	Tax evasion and tax avoidance (motivational factors, origin and elimination)	2017	2021
APVV-19-0124	doc. JUDr. Miroslav Štrkolec, PhD. <i>co-researchers:</i> Ing. Cecilia Olexová, PhD.	Tax law and new phenomena in the economy (digital services, shared economy, virtual currencies)	2020	2023
APVV-17-0564	prof. Ing. Elena Horská, PhD. <i>co-researchers:</i> prof. Ing. Vanda Lieskovská, PhD.	Use of consumer neuroscience and innovative research solutions in aromachology and its application in production, trade and services	2018	2022
<b>PROJECTS OF ECONOMIC PRACTICE</b>				
Project number	Project leader	Project name	Start	End
325/2018-2060-2230-T475	Ing. Zdeněk Berka Babičkin dvor, a.s., Velký Krtíš <i>co-researchers:</i> doc. Ing. Michal Tkáč, PhD.	Optimization of laying hen nutrition and feed preparation systems using enzymatic preparations to increase the efficiency of laying hen breeding and the quality of egg production for the food industry	2020	
GVIS-ZD- 19-00	Ing. Marek Márton Geodetica Vision, s.r.o., Košice <i>co-researchers:</i> doc. Ing. Michal Tkáč, PhD.	Extraction of vector objects in almost real time	2018	2021

4600014987	Tkáč Michal, Dr. h. c., prof., RNDr., CSc. Representative: doc. Ing. Eva Manová, PhD co-researchers: Ing. Slavomíra Stašková PhD. Ing. Radoslav Potoma Ing. Miroslava Horvátová Ing. Lenka Štofová, PhD. Mgr. Miriam Mitrová PhDr. Marcel Novotný, LL. M. Ing. Pavel Blaščák Ing. Miloš Pachta, MBA MUDr. Ladislav Rosocha, MBA, MPH Ing. Jana Vajdová	Technical-economic and ecological analysis of replacement of hard coal by alternative (synthetic) fuel in EVO conditions	2020	2020
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### RESEARCH ACTIVITIES WITHIN FOREIGN GRANT SCHEMES

Project number	Project leader	Project name	Start	End
2019-EU-IA-0037 co-financed by the European Commission under the CEF Telecom program	doc. Ing. Michal Tkáč, PhD. Universitat Politècnica de València (Spain)	Adopting the European Standard by using consolidated eInvoicing cloud platforms (EURINV)	2020	2021