

STUDENT GRANT COMPETITION - IGA - Projects Accepted for Funding in 2023			
Project No.	Project title	Proposer	Guarantor
FACULTY OF TECHNOLOGY			
IGA/FT/2023/001	Supramolecular kit	Ing. Barbora Gřešková	doc. Mgr. Robert Vícha, Ph.D.
IGA/FT/2023/002	STUDY OF BIODEGRADABLE POLYMERS AND HYDROGELS, PESTICIDES, ENVIRONMENTAL WASTE RECYCLING AND STUDY OF MICROBIOTA AND SAFETY IN THE FOOD INDUSTRY	Ing. Josef Řezníček	doc. Ing. Vratislav Bednařík, Ph.D.
IGA/FT/2023/003	Determination of biologically active compounds in selected plant and animal commodities and monitoring of their changes during technological processes	Ing. Anna Plášková	prof. Ing. Jiří Miček, Ph.D.
IGA/FT/2023/004	Innovative methods for manufacturing, sensing and measuring the properties of components from polymer and composite materials	Ing. Barbora Kotlánová	doc. Ing. Jakub Javořík, Ph.D.
IGA/FT/2023/005	Influence of input parameters on the final product in injection moulding, 3D printing and milling technology	Ing. Klára Fučíková	prof. Ing. Michal Staněk, Ph.D.
IGA/FT/2023/006	Study and design of new processing procedures of polymer materials for advanced additive manufacturing	Ing. Filip Mikulka	doc. Ing. Antonín Minařík, Ph.D.
IGA/FT/2023/007	A comprehensive evaluation of dispersion systems with a focus on the physicochemical and mechanical properties of food products	Ing. Kristýna Opustilová	doc. Ing. R. N. Salek, Ph.D.
IGA/FT/2023/008	Study of polymer systems - preparation and evaluation of properties	Ing. Martina Urbášková	doc. Ing. Alena Kalendová, Ph.D.
IGA/FT/2023/010	Applicability of the non-traditional oils a fats in fine pastry and chocolate spreads production	Ing. Jaromír Šebela	doc. RNDr. Iva Burešová, Ph.D.
SVK/FT/2023/001	Student scientific professional activity	RNDr. Kateřina Loucká	
9/1			
FACULTY OF MANAGEMENT AND ECONOMICS			
IGA/FaME/2023/003	Optimization of processes in social services	doc. Ing. Petr Briš, CSc.	x
IGA/FaME/2023/004	Factors influencing the growth of SMEs and the intentions of entrepreneurs in the EU pharma industry	Arif Ibne Asad	prof. Ing. Boris Popesko, Ph.D.
IGA/FaME/2023/006	Environmental sustainability orientation, dynamic capability, entrepreneurial orientation and small and medium-sized enterprises green innovation	Kwadwo Asante	doc. Ing. Petr Novák, Ph.D.
IGA/FaME/2023/008	The role of digital marketing and brand image influence customer luxury product buying. The case of aspirational consumer	Phi Hung Truong	doc. Ing. Michal Pilík, Ph.D.
IGA/FaME/2023/009	Firm's performance and sustainability: the impacts of digitalisation and consumer behaviour	Diego Fernando Plata Lerma	Ing. Michael Adu Kwarteng, Ph.D.
IGA/FaME/2023/010	Digitalizing the CRM process and its impact on brand image: A comparative study in Europe, Asia, and Africa	Cleophas Attor	doc. Ing. Miloslava Chovancová, CSc.
IGA/FaME/2023/012	Closed and open innovations: role of human resource, servant leadership, digitalisation, and uncertainty	Elena Cera	doc. Ing. Jana Matošková, Ph.D.
IGA/FaME/2023/014	CSR as an important factor in obtaining bank loans and external financial sources for SMEs	Ing. Zdenko Metzker	doc. Ing. Ján Dvorský, Ph.D.
IGA/FaME/2023/015	Factors Affecting The Sustainability of Destination Management and Its Attractiveness	Ing. Zuzana Vaculčíková, Ph.D.	x
IGA/FaME/2023/016	The impact of the tobacco excise tax increase on the risk group of consumers aged 15 to 24 years	Mgr. Eva Kolářová, Ph.D.	x
IGA/FaME/2023/017	Analysis of Tourism Demand in the Post-Covid and Russia-Ukraine War Scenarios	Javed Mohsin, Ph.D.	x
SVK/FaME/2023/001	19th International Bata Conference for Ph.D. Students and Young Researchers (DOKBAT 2023)	Ing. Magdaléna Rybová	x
SVK/FaME/2023/002	Student scientific and professional activity SVOČ 2023	doc. Ing. Petr Novák, Ph.D.	x
11/2			
FACULTY OF APPLIED INFORMATICS			
IGA/FAI/2023/001	Methodology for increasing the efficiency of fire protection of objects	Ing. Adam Malatinský	doc. Ing. Martin Hromada, Ph.D.
IGA/FAI/2023/002	Protection of the population, soft targets and the information environment	Ing. Miroslav Tomšů	doc. Ing. Martin Hromada, Ph.D.
IGA/FAI/2023/003	Importance and benefits of knowledge management in risk management in organizations	Ing. Petra Dostálová	doc. Ing. Martin Hromada, Ph.D.
IGA/FAI/2023/004	Analysis of the minimum provision of medical facility personnel in the event of a pandemic	Ing. Marta Blahová	doc. Ing. Martin Hromada, Ph.D.
4			
REGIONAL RESEARCH CENTRE CEBIA-Tech			
IGA/CebiaTech/2023/001	Design of a Robotic System for Testing Ballistic Materials in Laboratory	Ing. Michaela Karhánková	doc. Mgr. Milan Adámek, Ph.D.
IGA/CebiaTech/2023/002	Design of reverberation chamber and broad spectrum chaotic electromagnetic noise source	Ing. Iva Kavánková	Ing. Stanislav Kovář, Ph.D.
IGA/CebiaTech/2023/003	The use of optical-physical phenomena for forensic investigations in virtual reality	Ing. Bc. Irena Drofová	doc. Mgr. Milan Adámek, Ph.D.
IGA/CebiaTech/2023/004	Intelligent Data Analysis with the Use of Artificial Intelligence Methods	Ing. Jan Kincl	doc. Ing. Zuzana Komínková Oplatková, Ph.D.
SVK/CebiaTech/2023/001	Support of student research activity at FAI	doc. Ing. Bronislav Chramcov	doc. Ing. Bronislav Chramcov, Ph.D.
SVK/CebiaTech/2023/002	Doctoral workshop	doc. Ing. Bronislav Chramcov	doc. Ing. Bronislav Chramcov, Ph.D.
4/2			
FACULTY OF MULTIMEDIA COMMUNICATIONS			
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FACULTY OF HUMANITIES			
IGA/FHS/2023/001	Spirituality in the Educational Process of High School Students	Mgr. Jan Klokočka	doc. Mgr. Jan Kalenda, Ph.D.
IGA/FHS/2023/002	Support of children in alternative care in education: a case study of Zlín region	Mgr. Ivana Charvátová	doc. Mgr. Soňa Kalenda

2			
FACULTY OF LOGISTIC AND CRISIS MANAGEMENT			
IGA/FLKŘ/2023/002	Rationalization and Sustainability of Resources in Production Logistics Processes	Ing. Romana Heinzová, Ph.D.	x
IGA/FLKŘ/2023/003	Development of Fire Sport at the Faculty of Logistics and Crisis Management	Ing. Martin Džermanský	x
IGA/FLKŘ/2023/004	Monitoring and analysis of the negative impact of selected anthropogenic activities on ecosystems	Mgr. Matyáš Adam	x
IGA/FLKŘ/2023/005	New Trends in Occupational Health and Safety (OHS)	Ing. Slavomíra Vargová, Ph.D.	x
IGA/FLKŘ/2023/006	Activities Related to Solving an Emergency Situation with a Large Number of Fatal Injuries	Ing. Jakub Rak	x
SVK/FLKŘ/2023/001	Student and Scientific Professional Activity at the Faculty of Logistics and Crisis Management 2023	Ing. Eva Hoke, Ph.D.	x
5/1			
CENTRE OF POLYMER SYSTEMS			
IGA/CPS/2023/001	Development of advanced biomaterials and their future application	Ing. Michaela Kurková	doc. Ing. Zdenka Víchová, Ph.D.
IGA/CPS/2023/002	Utilization of natural and synthetic polymers for environmental applications	Ing. Dominika Hanušová	prof. Ing. Vladimír Sedlářík, Ph.D.
IGA/CPS/2023/003	Synthesis of magnetic nanomaterials for hyperthermia-mediated drug delivery	Zahra Yadollahi	doc. Ing. Natalia Kazantseva, CSc.
IGA/CPS/2023/004	Stability of magnetorheological elastomers	Mgr. Lenka Munteanu	doc. Ing. Michal Sedláčik, Ph.D.
IGA/CPS/2023/005	Utilization of 'Biomwaste' for Carbonization/ Bio-gasification/ Biomineralization and Synthesis of Biopolymer	Ahman Reshad Delawary	doc. Nabanita Saha, M.Sc., Ph.D.
IGA/CPS/2023/006	Preparation and characterization of advanced functional nanocomposite systems	Ali Can Güller MSc.	doc. Ing. et Ing. Ivo Kuřitka, Ph.D. et Ph.D.
IGA/CPS/2023/007	Modification of filled polymer systems in order to modify their useful properties	Ing. Rostislav Vílém	doc. Ing. Tomáš Sedláček, Ph.D.
SVK/CPS/2023/001	Students' scientific conference IGA CPS 2023	doc. Ing. et Ing. Ivo Kuřitka	x
7/1			
UNIVERSITY INSTITUTE			
IGA/UNI/2023/001	Women's high-heel shoes with 3D heterogeneous polymer structures	MgA. Oldřich Vojta DiS.	Ing. Tomáš Sába, Ph.D.