

STUDENT GRANT COMPETITION - IGA - Projects Accepted for Funding in 2024				
Počet	Project No.	Project title	Proposer	Consultant
FACULTY OF TECHNOLOGY				
1	IGA/FT/2024/001	Functional supramolecular systems and their components	Ing. Marek Jurtík	doc. Mgr. Robert Vícha, Ph.D.
2	IGA/FT/2024/002	Research, production, and evaluation of properties of polymer and composite products	doc. Ing. Jakub Javořík, Ph.D.	x
3	IGA/FT/2024/003	Influence of input parameters on the final product in injection moulding and milling technology	prof. Ing. Michal Staněk, Ph.D.	x
4	IGA/FT/2024/004	STUDY OF BIODEGRADABLE POLYMERS AND HYDROGELS, WASTE RECYCLING, ISRA AND STUDY OF MICROBIOTA AND SAFETY IN THE FOOD INDUSTRY	doc. Ing. Vratislav Bednařík, Ph.D.	x
5	IGA/FT/2024/005	Effect of different food additives and technological parameters on selected properties of food systems	Ing. Anna Vincová	doc. Ing. Richardos Nikolaos Salek, Ph.D.
6	IGA/FT/2024/006	Changes in bioactive substances present in animal and plant foods associated with their processing and storage	prof. Ing. Jiří Mlček, Ph.D.	x
7	IGA/FT/2024/007	Innovative methods of polymers processing for advanced 3D printing methods	Ing. Petr Smolka, Ph.D.	x
8	IGA/FT/2024/008	Study of structure and modification of properties of polymer materials	Ing. Lucie Polomíková	doc. Ing. Alena Kalendová, Ph.D.
9	IGA/FT/2024/009	Textural and sensory characteristics of cocoa spreads	doc. RNDr. Iva Burešová, Ph.D.	x
1	SVK/FT/2024/001	Student scientific conference 2024	RNDr. Kateřina Loucká	x
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FACULTY OF MANAGEMENT AND ECONOMICS				
1	IGA/FaME/2024/005	Irrationality in Financial Decision-Making and Techniques for Mitigating Biases and Heuristics for Better Investment and Money Choices	Ing. Jana Přílučková Ph.D.	x
2	IGA/FaME/2024/008	Strategic Sustainability orientation, dynamic capability, organizational resilience and small and medium-sized enterprises green innovation in Sub-Saharan Africa, evidence from Ghana.	Charles Randy Afful	Ing. Zuzana Virglerová, Ph.D.
3	IGA/FaME/2024/010	Enhancing Tourist Experiences through Human-Centered AI and Chatbot Integration	Thanh Nguyen Ngoc Le	doc. Ing. Michal Pilík, Ph.D.
4	IGA/FaME/2024/011	Navigating the Digital Transformation: The Impact of Cyber-attacks on Firm Performance in Europe	Ngoc Thuy Trang Le	prof. Dr. Ing. Drahomíra Pavelková
5	IGA/FaME/2024/013	Assessment of green knowledge sharing, risk management, green consumerism and enterprise competitiveness in the Aviation and Tourism industry: The Czech Context	Thanh Nga Ha	Ing. Zuzana Tučková, Ph.D.
6	IGA/FaME/2024/014	To evaluate the efficiency of innovation's performance indicators as a supporting tool for European regions' development policies: an analysis based on the economic dynamics.	Ali Imran	prof. Ing. Beáta Gavurová, PhD., MBA
7	IGA/FaME/2024/015	Research on economic topics in the context of Southeast Asia with an emphasis on finance, digitization, and sustainability	Ing. Lubor Homolka Ph.D.	x
1	SVK/FaME/2024/001		Ing. Magdaléna Rybová	x
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FACULTY OF APPLIED INFORMATICS				
1	IGA/FAI/2024/001	Machine learning methods and their applications	doc. Ing. Bronislav Chramcov, Ph.D.	x
2	SVK/FAI/2024/001	PhD Workshop	doc. Ing. Bronislav Chramcov, Ph.D.	x
3	SVK/FAI/2024/002	Support of student research activity at FAI	doc. Ing. Bronislav Chramcov, Ph.D.	x
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REGIONAL RESEARCH CENTRE CEBIA-Tech				
1	IGA/CebiaTech/2024/001	Advanced Methods of Automatic Control	doc. Ing. Radek Matušů, Ph.D.	x
2	IGA/CebiaTech/2024/002	Design of a testing dummy for ballistic materials research	Ing. Michaela Karháňková	prof. Mgr. Milan Adámek, Ph.D.
3	IGA/CebiaTech/2024/003	Application of Flexible Textile Antennas during Evacuation Training	Ing. Stanislav Kovář, Ph.D.	x
4	IGA/CebiaTech/2024/004	Automation and optimization of the scanning process for 3D digitization of art objects	Ing. Bc. Irena Drofová	prof. Mgr. Milan Adámek, Ph.D.
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FACULTY OF MULTIMEDIA COMMUNICATIONS				
1	IGA/FMK/2024/001	Communication of University Sustainability towards Generation Z	doc. Ing. Pavla Staňková, Ph.D.	x
2	IGA/FMK/2024/002	Transformations of the Czech television environment after 1989	MgA. František Horvát	doc. MgA. Jana Janíková, ArtD.
3	IGA/FMK/2024/003	Innovation of creative practices in the development and production of student-animated film	MgA. Martin Kukul	x
4	IGA/FMK/2024/004	The rediscovery of bromografia and its preservation for national cultural heritage	MgA. Lenka Lučenič	doc. MgA. Jan Jindra
5	IGA/FMK/2024/005	Applied research in footwear: craft, design, health and innovation	MgA. Lucie Trejtnarová, Ph.D.	Mgr. Lukáš Gregor, Ph.D.
6	SVK/FMK/2024/001	DocuConference 2024	MgA. Irena Kocí, Ph.D.	x
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FACULTY OF HUMANITIES				
1	IGA/FHS/2024/001	Pedagogical Aspects of Academic Stress	Mgr. Jana Martincová, Ph.D., MBA	PhDr. Iva Staňková, Ph.D.
2	IGA/FHS/2024/002	Motivation to Participation in Adult Education and Training	Mgr. Michaela Bílá	doc. Mgr. Jan Kalenda, Ph.D.
3	IGA/FHS/2024/003	Protective factors of student engagement among primary school pupils	Mgr. Patrik Buček	Mgr. Jakub Hladík, Ph.D.
4	IGA/FHS/2024/004	Spiritual literacy in pre-primary education	MgA. Jitka Patakiová	prof. PhDr. Ivo Jirásek, PhD.
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FACULTY OF LOGISTIC AND CRISIS MANAGEMENT				
1	SVK/FLKŘ/2024/001	Student and Scientific Professional Activity Faculty of Logistics and Crisis Management 2024	Ing. Eva Hoke, Ph.D.	x
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CENTRE OF POLYMER SYSTEMS				
1	IGA/CPS/2024/001	Development of a Numerical Model Describing Inner Strength of Rubber in Dependence of	Ing. Nikolas Ryzí	doc. Dr.Ing. Radek Stoček
2	IGA/CPS/2024/002	Study of the preparation of nanoparticles using oxidized polysaccharides	Ing. Vítek Hrbáček	doc. Ing. et Ing. Ivo Kuřitka, Ph.D. et Ph.D.; Mgr. Jan Vícha, Ph.D.; prof. Ing. Jarmila Vilčáková, Ph.D.
3	IGA/CPS/2024/003	Research of natural and synthetic polymers for environmental applications	Ing. Simona Uhercová	prof. Ing. Vladimír Sedlařík, Ph.D.
4	IGA/CPS/2024/005	Evaluation and transformation of biowaste into clean energy and material for healthcare & e	Mainak Chaudhuri, M.Sc.	doc. M.Sc. Nabanita Saha, Ph.D.
5	IGA/CPS/2024/006	Optimization of rheological properties of polymer systems as a tool for the development of s	Ing. Ondřej Mertlík	doc. Ing. Tomáš Sedláček, Ph.D.
6	IGA/CPS/2024/007	Designing Smart Biomaterials for Tissue Engineering	Ing. Kristýna Valášková	doc. Ing. Zdenka Víchová, Ph.D.
7	IGA/CPS/2024/008	Dual Electro- and Magneto-responsive fluids	Mgr. Lenka Munteanu	prof. Ing. Michal Sedláčik, Ph.D.
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