

STUDENT GRANT COMPETITION - IGA - Projects Accepted for Funding in 2026				
Počet	Project No.	Project title	Proposer	Consultant
FACULTY OF TECHNOLOGY				
1	IGA/FT/2026/001	The influence of process parameters on the final product in injection molding, deep drawing, and additive technologies	prof. Ing. Michal Staněk, Ph.D.	doc. Ing. Martin Ovsík, Ph.D.
2	IGA/FT/2026/002	Supramolecular systems with operable functions	Bc. Aneta Šteiglová	Ing. Petr Janovský
3	IGA/FT/2026/003	Innovative Pathways to Sustainability: Technologies and Strategies for a Clean Environment and High-Quality Food	doc. Ing. Markéta Julinová, Ph.D.	doc. Ing. Jaroslav Filip, Ph.D.
4	IGA/FT/2026/004	Innovative Approaches to the Sustainable Utilization of Natural Waste and Polymeric Materials	Ing. Jana Navrátilová, Ph.D.	x
5	IGA/FT/2026/005	The use of unconventional commodities in the food industry	doc. Ing. et Ing. Anna Adámková, Ph.D.	x
6	IGA/FT/2026/006	Research and optimization of advanced composite and polymer materials using additive, tribological, and recycling technologies.	doc. Ing. Jakub Javorík, Ph.D.	doc. Ing. Ondřej Bílek, Ph.D.
7	IGA/FT/2026/007	Innovative Approaches to the Use of Food Additives and By-products for Optimizing the Properties of Foods and Beverages	doc. Ing. R. N. Salek, Ph.D.	x
8	IGA/FT/2026/008	Design and Functionalization of Natural Nanomaterials for Advanced Hydrogel Systems and Hierarchical Surface Architectures	prof. Mgr. Aleš Mráček, Ph.D	x
8/0				
FACULTY OF MANAGEMENT AND ECONOMICS				
1	IGA/FaME/2026/001	THE IMPACT OF ARTIFICIAL INTELLIGENCE ON BUSINESS MODELS	Thi Van Anh Nguyen	doc. Ing. Michael Adu Kwarteng, Ph.D.
2	IGA/FaME/2026/003	The Impact of AI on Business Performance and Consumer Behaviour	Thi Thuy Van Truong	doc. Ing. Michael Adu Kwarteng, Ph.D.
3	IGA/FaME/2026/004	Participatory Approaches to Change Management in Organizations: Analysis of Factors for Successful Implementation in the Czech Context	Bc. Jan Štěbra	doc. Ing. Jana Matošková, Ph.D.
4	IGA/FaME/2026/005	Exploration of Emerging Economic Trends and Transformations in Southeast Asia	Ing. Lubor Homolka, Ph.D.	x
5	IGA/FaME/2026/007	Overconfidence Bias and Related Prejudgments Influencing Financial Choices	Ing. Jana Přílučíková, Ph.D.	x
6	IGA/FaME/2026/010	Assessment of Green Knowledge Sharing, Green Consumerism, Intercultural Adaptation, Employability, and Enterprise Competitiveness in the Tourism Industry: The Czech Context	Thanh Nga Ha	prof. Ing. Zuzana Tučková, Ph. D.
7	IGA/FaME/2026/012	The Influence of Artificial Intelligence Based Systems on Consumer Behavior in Different Cultural Contexts.	Anshu Anshu	doc. Ing. Miloslava Chovancová, CSc.
8	IGA/FaME/2026/016	Digital Transformation, Service Innovation, and ESG Governance: A Cross-Regional Study on the Path to Sustainable Bank Performance	Phu Giau Bui	doc. Ing. Adriana Knápková, Ph.D.
1	SVK/FaME/2026/001	22nd International Bata Conference for Ph.D. Students and Young Researchers (DOKBAT 2026)	Ing. Daniel Melichárek	Ing. Pavel Ondra
8/1				

FACULTY OF APPLIED INFORMATICS				
1	IGA/FAI/2026/002	Regulatory and Human Centered Approaches to AI-Enabled Cyber Resilience in Rail OT Systems	Oka Mimi Enakome	prof. Ing. Martin Hromada, Ph.D.
2	IGA/FAI/2026/005	Research into Compromising Radiation of Electronic Technical Security Devices for the Purpose of Assessing Security Vulnerabilities	Dolejš Miroslav, Ing.	Ing. Stanislav Kovář, Ph.D.
3	SVK/FAI/2026/001	Support of student research activity at FAI - STOČ 2026	doc. Ing. Bronislav Chramcov, Ph.D.	doc. Ing. Bronislav Chramcov, Ph.D.
4	SVK/FAI/2026/002	PhD Workshop 2026	doc. Ing. Bronislav Chramcov, Ph.D.	doc. Ing. Bronislav Chramcov, Ph.D.
2/2				
REGIONAL RESEARCH CENTRE CEBIA-Tech				
1	IGA/CebiaTech/2026/001	Research and optimization of cobotic systems for autonomous additive manufacturing	doc. Ing. Aleš Mizera, Ph.D.	doc. Ing. Aleš Mizera, Ph.D.
2	IGA/CebiaTech/2026/002	Electromagnetic Signatures of Complex Materials	Němec Jan, Ing.	Ing. Michaela Mikuličová, Ph.D.
3	IGA/CebiaTech/2026/003	Fusion of spatial localization with motion and body pose capture of human actors for increased immersiveness of crisis scenario simulation in a virtual environment	Dostálek Jakub, Ing.	Ing. Jiří Ševčík, Ph.D.
4	IGA/CebiaTech/2026/004	Hybrid Intelligent Systems with Explainable and Trustworthy AI	doc. Ing. Zuzana Komíková Oplatková, Ph.D.	doc. Ing. Zuzana Komíková Oplatková, Ph.D.
4				
FACULTY OF MULTIMEDIA COMMUNICATIONS				
1	IGA/FMK/2026/001	The creative cycle of development and production of audiovisual works in a controlled production system – professionalization of artistic processes	MgA. Irena Pustina Kocí Ph.D. MBA	x
2	IGA/FMK/2026/002	Glass as a medium of remediation	Martin Jakobsen	x
3	IGA/FMK/2026/003	EEG in Marketing Research: Examination of Neural Reactions to Audiovisual Content	Mgr. Marika Nováková MBA	x
4	IGA/FMK/2026/004	Poster as visual - communication platform at the beginning of 21st century	prof. Mgr. A. Pavel Noga ArtD.	x
4				
FACULTY OF LOGISTIC AND CRISIS MANAGEMENT				
1	IGA/FLKŘ/2026/001	Evacuation of passengers from selected bus and rail transport	Ing. Jan Strohmandl, Ph.D.	x
2	IGA/FLKŘ/2026/002	Volunteering in the Perception of Generation Z in the Czech Republic and Worldwide	Ing. Slavomíra Vargová, PhD.	x
3	IGA/FLKŘ/2026/003	Mapathons as a tool for citizen science: empirical research on participation, data quality, and impact on education	RNDr. Jakub Trojan, MSc Ph.D.	x
4	SVK/FLKŘ/2026/001	Student scientific and professional activities at the FLKŘ 2026	Ing. Eva Hoke, Ph.D.	x
3/1				

CENTRE OF POLYMER SYSTEMS				
1	IGA/CPS/2026/001	Bioactive Systems for Immunomodulatory Applications	Latečka, Filip Ing.	Vícha, Jan Mgr. Ph.D.
2	IGA/CPS/2026/002	Shaped Amine Functionalized Supported Sorbents for Carbon Dioxide Capture	Bozarslan, Abdulkadir	Kuřitka, Ivo doc. Ing. et Ing. Ph.D. et Ph.D
3	IGA/CPS/2026/003	Fabrication and optimization of functional composites	Antoniou, Chrysanthi Maria MSc.	Prof. Michal Sedlačík Ph.D.
4	IGA/CPS/2026/004	Innovative polymer nanocomposites for advanced applications	Wilson, Nithiya Hanna M.Sc.	Yadav, Raghvendra Singh Dr.
5	IGA/CPS/2026/005	Microwave-Assisted Synthesis of MOFs and Their Activity in CO ₂ Adsorption	Pappachan, Aijon	Kuřitka, Ivo doc. Ing. et Ing. Ph.D. et Ph.D
6	IGA/CPS/2026/006	Sustainable Synthesis of Biopolymers-Biofertilizers-Functional Components from Organic Residues (Symbiosis)	Paul, Adhir Chandra M.Sc.	doc. Nabanita Saha, M.Sc. Ph.D.
7	IGA/CPS/2026/007	Nanostructural modification of rubber with layered silicates for enhanced resistance against ozone degradation	Berezhnyy, Bohdan-Volodymyr	Stocek, Radek doc. Dr.Ing.
7				
36/4				