

University of Zagreb Faculty of Textile Technology projects in period from 2019 to 2024

Project title	Duration	Project type	Type of funding	Funding	Programme	Faculty role	Beneficiary
Outgoing mobility of assistants – Mislav Majdak	01.12.2023. - 28.05.2024.	Mobility programme	Project funding	Croatian Science Foundation CSF ¹	MOB-DOK	Beneficiary	UNIZG Faculty of Textile Technology
PhD Student on the project Assessment of microplastic shedding from polyester textiles in washing process_DOK_InWaShed-MP	25.10.2021.- 24.10.2025.	scientific	Project funding	CSF	DOK	Beneficiary	UNIZG Faculty of Textile Technology
PhD Student on the project Antibacterial coating for biodegradable medicine materials – DOK_ABBAMEDICA	12.02.2021. - 11.02.2025.	scientific	Project funding	CSF	DOK	Beneficiary	UNIZG Faculty of Textile Technology
Assessment of microplastic shedding from polyester textiles in washing process-InWaShed-MP	21.01.2021. - 31.01.2025.	scientific	Project funding	CSF	IP	Beneficiary	UNIZG Faculty of Textile Technology
Aspects of the application of thermography in the evaluation of the thermophysiological comfort of sports clothing-ATLETO	01.01.2021. 31.12.2024.	scientific	Project funding	CSF	DOK	Beneficiary	UNIZG Faculty of Textile Technology

¹ Croatian Science Foundation

University of Zagreb Faculty of Textile Technology projects in period from 2019 to 2024

Textile materials for increased comfort in sports - TEMPO	01.01.2021. - 31.12.2024.	scientific	Project funding	CSF	IP	Beneficiary	UNIZG Faculty of Textile Technology
Laser synthesis of nanoparticles and applications _LaSyNanoApp	01.02.2020. - 31.01.2024.	scientific	Project funding	CSF	IP	Associate	Institute of Physics
Antibacterial coating for biodegradable medicine materials - ABBAMEDICA	20.12.2019. - 19.12.2023.	scientific	Project funding	CSF	IP	Beneficiary	UNIZG Faculty of Textile Technology
Hospital Protective Textiles - HPROTEX	15.03.2018. - 14.09.2023.	scientific	Project funding	CSF	UIP	Beneficiary	UNIZG Faculty of Textile Technology
PhD Student on the project Development and thermal properties of intelligent clothing – DOK_ThermIC	25.04.2019. - 24.04.2023.	scientific	Project funding	CSF	DOK	Beneficiary	UNIZG Faculty of Textile Technology
PhD Student on the project Hospital Protective Textiles – DOK_HPROTEX	25.04.2019. - 24.04.2023.	scientific	Project funding	CSF	DOK	Beneficiary	UNIZG Faculty of Textile Technology
Smartphone and Tablet Extraction of Anthropometric Measurements - STEAM	01.02.2019. - 31.01.2023.	scientific	Project funding	CSF	IP	Associate	UNIZG Faculty of Electrical Engineering and Computing
Development and thermal properties of intelligent clothing - ThermIC	01.01.2019. - 31.12.2022.	scientific	Project funding	CSF	IP	Beneficiary	UNIZG Faculty of Textile Technology
Shielding from electromagnetic fields with electrically conductive textile materials - SEMECTEX	01.12.2018. - 30.11.2022.	scientific	Project funding	CSF	IP	Associate	UNIZG Faculty of Electrical Engineering and Computing

University of Zagreb Faculty of Textile Technology projects in period from 2019 to 2024

Multifunctional woven composites for thermal protective clothing – MF WCOMPROTECT	15.11.2018. - 14.11.2022.	scientific	Project funding	CSF	IP	Beneficiary	UNIZG Faculty of Textile Technology
Investigation of the antioxidant activity of the benzazole skeleton in the design of new antitumor agents - AntioxPot	01.11.2018. - 30.10.2022.	scientific	Project funding	CSF	IP	Associate	UNIZG Faculty of Chemical Engineering and Technology
Synthesis of advanced nanoparticles and applications in photocatalysis and textile materials - NanoCaTex	01.10.2019. - 30.09.2022.	scientific	Project funding	CSF	PZS	Partner	Institute of Physics
Comfort and antimicrobial properties of textiles and footwear - ComforMicrobTexFoot	01.03.2017. - 31.12.2021	scientific	Project funding	CSF	IP	Beneficiary	UNIZG Faculty of Textile Technology
Targeted manufacturing of a fiber support prototype for growing tissue cells by combined electrospinning - COMBOELECTROSPUN	01.03.2017. - 31.08.2021.	scientific	Project funding	CSF	IP	Beneficiary	UNIZG Faculty of Textile Technology
PhD Student on the project Synthesis and Targeted Application of Metallic Nanoparticles – DOK_STARS	14.12.2016. - 13.06.2021.	scientific	Project funding	CSF	DOK	Beneficiary	UNIZG Faculty of Textile Technology
Synthetic magnetic fields with interactions and anyons - SynthMagIA	15.03.2017. - 14.03.2021.	scientific	Project funding	CSF	IP	Associate	UNIZG Faculty of Science
Dynamic hybrid materials for new applications based	15.03.2017. - 14.03.2021.	scientific	Project funding	CSF	IP	Associate	Ruđer Bošković Institute

University of Zagreb Faculty of Textile Technology projects in period from 2019 to 2024

on metal nanoparticles and gels - NanoGelMat							
Metallosupramolecular architectures and inorganic-organic polyoxometalate based hybrids – MOLART	01.03.2018. - 21.02.2021.	scientific	Project funding	CSF	IP	Associate	UNIZG Faculty of Science
Universal properties of cold bosonic and fermionic systems - UniCold	15.06.2015. - 14.03.2019.	scientific	Project funding	CSF	IP	Associate	UNIST Faculty of Science
Materials of antimicrobial and biodegradable properties from cellulose as waste material	01.01.2020.- 31.12.2022.	scientific	Project funding	MSE ²	n/a	Beneficiary	UNIZG Faculty of Textile Technology
Bio-inovative Polyesters	01.05.2019. - 01.01.2022.	scientific	Project funding	MSE	n/a	Beneficiary	UNIZG Faculty of Textile Technology
Composite network of 3D strength and biodegradable fibrous silk fibroin / hydroxyapatite based on 3D printing technology	01.01.2020. - 31.12.2021.	scientific	Project funding	MSE	n/a	Beneficiary	UNIZG Faculty of Textile Technology
Anthropometric measurements of the sports population for woven and non-woven clothing	01.02.2018. - 01.02.2020.	scientific	Project funding	MSE	n/a	Beneficiary	UNIZG Faculty of Textile Technology
Influence of the availability of cations and anions from biomass on lignocellulosic enzymes and application in the textile industry	01.01.2018. - 31.12.2019.	scientific	Project funding	MSE	n/a	Beneficiary	UNIZG Faculty of Textile Technology

² Ministry of Science and Education

University of Zagreb Faculty of Textile Technology projects in period from 2019 to 2024

Development of smart clothing for people with dementia	01.01.2018. - 31.12.2019.	scientific	Project funding	MSE	n/a	Beneficiary	UNIZG Faculty of Textile Technology
The European University of Cities in Post-Industrial Transition - UNIC	01.10.2023. – 30.09.2027.	expert project	Project funding	EC ³	Erasmus+	Partner	University of Zagreb
Sustainability in TCLF - SIT	01.01.2024. – 31.12.2027.	expert project	Project funding	EC	Erasmus+	Associate	Italianische Handelskammer für Deutschland Ev.
Adressing Skills Gaps in the European Textile, Clothing, Leather and Footwear Industries, Emphasizing Equality, Innovation and Resilience - AEQUALIS4TCLF	01.01.2024.- 31.12.2027.	expert project	Project funding	EC	Erasmus+	Partner	EURATEX, Belgija
Sustainable Design and Process in Textiles for Higher Education_GREEN Tex	01.01.2022.- 31.12.2023.	expert project	Project funding	EC	Erasmus+	Partner	Lodz University of Technology, Poland
Digitally Improving Social and Emotional Skills of Primary School Teachers - Digisel	01.06.2021.- 31.05.2023.	expert project	Project funding	EC	Erasmus+	Associated partner	Kütahya Dumlupinar University, Turkey
ICT in Textile and Clothing Higher Education and Business – ICT Tex	01.01.2020. - 31.12.2022.	expert project	Project funding	EC	Erasmus+	Partner	Technical University of Sofia, Bulgaria
European Academy for Young Designers to study Innovative Technologies in	01.01.2024. – 31.12.2026.	scientific		EC	CREA	Partner	European Culture Forum

³ European Commission

University of Zagreb Faculty of Textile Technology projects in period from 2019 to 2024

Digital Fashion Design- FashionTEX			Project funding				
Moving forward with circularity in textile and fashion value chains - TEX- DAN	01.01.2024. – 30.06.2026.	scientific	Project funding	EC, MRDEUF ⁴	INTERREG DANUBE	Associate	South- Transdanubian Regional Innovation Agency, Mađarska
Enhancing Danube Green Textile and Garment Production and Consumption - GreenTex	01.01.2024. – 30.06.2026.	scientific	Project funding	EC, MRDEUF	INTERREG DANUBE	Partner	Sarajevo Regional Development Agency SERDA
Development of biodegradable non-woven agrotexiles from natural and renewable sources _BioMulchTex	01.09.2020.- 01.09.2023.	scientific	Grant	EC, MINEC ⁵	ERDF, ESIF	Partner	RENOTEX d.o.o.
Development of multi- functional non-combustible fabric for dual purpose	17.08.2020. - 16.08.2023.	scientific	Grant	EC, MINEC	ERDF, ESIF	Partner	ČATEKS d.d.
Production of food, biocomposites and biofuels from cereals in the circular bioeconomy - KLIMA	01.09.2019. - 01.06.2023.	scientific	Grant	EC, EPEEF ⁶ , MEPE ⁷ ,	ERDF	Partner	University of Zadar
Implementation of top research within the Scientific Center of Excellence for Quantum and	01.11.2017. - 31.10.2022.	scientific	Grant	EC	ERDF	Associate	UNIZG Faculty of Science

⁴ Ministry of Regional Development and EU Funds

⁵ Ministry of Economy

⁶ Environmental Protection and Energy Efficiency Fund

⁷ Ministry of Environmental Protection and Energy

University of Zagreb Faculty of Textile Technology projects in period from 2019 to 2024

Complex Systems, and Representations of Lie Algebras - QuantiXLie							
Implementation of the renovation of infrastructure of buildings and equipment of the University of Zagreb Faculty of Textile Technology damaged in the earthquake on December 28 and 29, 2020.	14.11.2022. – 31.12.2024.	infrastructural	Grant	EC, MSE	FSEU	Beneficiary	UNIZG Faculty of Textile Technology
e-Universities	01.03.2022. – 31.12.2025.	infrastructural	Grant	EC, MSE	NPOO	Associate	Croatian academic and research network CARNET
Design of advanced biocomposites from energy sustainable sources - BIODKOMPOZITI	20.12.2019. - 20.12.2022.	scientific	Grant	EK, MSE	EFRR	Beneficiary	UNIZG Faculty of Textile Technology
Modernization of the infrastructure of the scientific research center for textiles - MI-TRSC	16.05.2018. - 16.03.2021.	infrastructural	Grant	EK, MSE	EFRR	Beneficiary	UNIZG Faculty of Textile Technology
Development and implementation of professional practice at the Faculty of Textile Technology - RAST	09.03.2020. - 09.03.2023.	expert project	Grant	EK, MSE	ESF	Beneficiary	UNIZG Faculty of Textile Technology
Internationalization of the doctoral study Textile Science and Technology	12.10.2018.- 12.10.2021.	expert project	Grant	EK, MSE	ESF	Beneficiary	UNIZG Faculty of Textile Technology

University of Zagreb Faculty of Textile Technology projects in period from 2019 to 2024

Together towards a sustainable social dialogue - ZAKOS	29.03.2018. - 29.03.2020.	expert project	Grant	EK, MLPS ⁸	ESF	Partner	Varaždin County
Tailored futures?	23.07.2018. - 23.07.2019.	expert project	Grant	EK, MCUL ⁹	ESF	Partner	Tehnicki Muzej Nikola Tesla
Investigation & Mathematical Analysis of Avant-garde Disease Control via Mosquito Nano-Tech-Repellents	21.09.2017. - 20.09.2021.	international mobility	Project funding	COST	n/a	Partner	Mathematics Research Center Lisbon, Portugal

⁸ Ministry of Labor and Pension System

⁹ Ministry of Culture