THEMATIC PLAN
of International Educational Grants and Projects
implemented by Kyiv National University of Technologies and Design

No.	Title of R&D Project State Registration Number Category of Work Full Name of Scientific Supervisor, Academic Degree	Implementation Period	Amount of Funding	Expected Results in the Current Year	Scientific Sections by Specializations
1	2	4	5	6	7
1	Project ERASMUS+, ERASMUS-EDU-2021-VIRT-EXCH, 101083856 "VIRTUAL YOUTH BUSINESS HUBS INTERNATIONAL NETWORK" Scientific Supervisor D.Econ., Prof. Mariana Shkoda	2022-2025	€59956,21	The aim of the project is to organize an International Network of Virtual Youth Business Hubs to provide business training for high school students, college students, and university students. One of the key expected outcomes for the current year is the implementation of online simulations for participants of asynchronous virtual exchanges, which will allow project participants, particularly high school students and college and university students, to gain practical experience in business decision-making under conditions as close to real as possible. Asynchronous virtual exchanges will create a platform for the development of essential competencies such as analytical thinking, decision-making under uncertainty, risk management, and teamwork. The publication of a scientific monograph based on research findings will systematize the theoretical and practical knowledge gained during project implementation and summarize the experience of creating and operating the International Network of Virtual Youth Business Hubs, which will be valuable for further project development and knowledge dissemination. Conducting a reporting international conference will provide an opportunity to present project results to a wide range of stakeholders, serve as a platform for experience exchange and showcasing best practices, and foster further international collaboration.	Information and Communication Technologies

2	Project ERASMUS+, "Jean Monnet Module" ERASMUS-JMO-2023-HEI-TCH-RSCH, 101127252 "Promoting of European skills and approaches for sustainable bioeconomy in the conditions of Ukrainian acute challenges" (PESAB) Scientific Supervisor D.Econ., Prof. Anna Oleshko	2023-2025	€30000,00	The aim of the project is to popularize European Union knowledge for the development of a sustainable bioeconomy in Ukraine through the implementation of a module that provides bachelor's and master's students with additional knowledge and skills. The module introduces three elective courses: 1) Use of biomass in the EU and Ukraine for a sustainable bioeconomy; 2) Bioeconomy and trade in the context of international relations between Ukraine and the EU; 3) EU strategies for a sustainable bioeconomy.	Economics
3	Проєкт ERASMUS+, ERASMUS-EDU-2023-CBHE-STRAND-2, Project ID 101128856, "3D consepts for fashion education in Ukraine" (3D4U) Scientific Supervisor D.Tech., Assoc. Prof. Nataliia Pervaia	2023-2026	€154 889,10	The project aims to address the shortage of qualified specialists in 3D fashion concepts in Ukraine by creating three 3D concept centers at three Ukrainian higher education institutions (KNUTD, KNU, LTU). In the current year, the project aims to coordinate actions for establishing and equipping the three 3D hubs with the necessary hardware and software for 3D modeling and prototyping at the three participating higher education institutions in Ukraine.	Construction Technologies, Design, Architecture
4	Project 101127950 FashionTEX "FashionTEX European Academy for Young Designers to Study Innovative Technologies in Digital Fashion Design", within the Creative Europe (CREA) programme Scientific Supervisor Ph.D. in Tech., Assoc. Prof. Tetiana Struminska	2023-2026	€81582,00	The project's objective is to develop experience and provide education in digital fashion for students at fashion universities. This expands the curriculum toward a future-oriented and more sustainable content. In the current year, a grant agreement is expected to be signed with 13 partners from 11 European countries.	Information and Communication Technologies
5	Project ERASMUS+, ERASMUS-EDU-2024-VIRT-EXCH, 101193445 "Skills Enrichment for Adaptive Leadership in the New Reality" Scientific Supervisor D.Econ., Prof. Alla Kasych	2025-2028	€81000,00	The SEAL-NR project aims to develop a new generation of youth and educators who are prepared for 21st-century challenges by building the necessary skills through innovative virtual learning technologies. In the current year, it is expected to conduct surveys of target audiences (2,250 respondents), prepare a comprehensive analytical report (monograph) to summarize virtual exchange practices and develop recommendations, and hold an international conference to promote research results.	Information and Communication Technologies

6	Project SusWearTex: Baltic Neighbourhood Cooperation in Sustainable Workwear Initiatives – Driving Recycled Fiber Excellence in Workwear Textiles (Registry No. 00093/2024) Scientific Supervisor Ph.D. in Tech., Assoc. Prof. Liudmyla Melnyk	2024-2026	€9400,00	The aim of the SusWearTex project is to create a network and platform for cooperation that will stimulate the use of recycled fibers in the production of workwear textiles through a research-based approach.	New Substances and Materials
7	Project ERASMUS+, 101183393 – InnovaTex – ERASMUS-EDU-2024-CB-VET "Innovation in Smart and Digital VET Skills for Advanced Textile Industry" Scientific Supervisor D.Tech., Prof. Kalyna Pashkevych	2025-2027	€55040,00	The aim of the project is to enhance digital and smart skills in the textile sector of Ukraine and Moldova by creating an international network for professional education in digital/smart textiles based on green technologies and innovative, generative, and adaptive learning methods.	Information and Communication Technologies
8	Project DIGITAL-2024-ADVANCED-DIGITAL-07-KEYCAPACITY: Specialized Educational Programmes in Key Capacity Areas, ID 101226215, "3D Printing for Sustainable Textiles and Fabrics" Scientific Supervisor D.Tech., Assoc. Prof. Nataliia Pervaia	2025-2029	€195649,00	The project aims to promote sustainable innovations in the textile and manufacturing sectors by upskilling and reskilling students of vocational and higher education institutions through the introduction of additive manufacturing tools such as 3D printing in the context of textiles and fashion. Targeting students in fields such as fabric production, fashion, interior design, architecture, and engineering, the project seeks to transform the textile industry into a more sustainable producer and market. By integrating advanced digital competencies such as artificial intelligence, data analysis, AR/VR technologies, and machine learning, the project aims to develop educational pathways for green digital skills and prepare a new generation of professionals capable of managing the dual green and digital transition. The project promotes sustainable development principles and circular economy throughout the supply chain, encourages the use of sustainable raw materials, reduces environmental impact, and supports efficient on-demand production methods. Within the project, specialized educational programs will be created: - A Master's program for students and faculty of higher education institutions focusing on the intersection of 3D printing technologies, sustainable practices, textile, and fashion design.	Construction Technologies, Design, Architecture

				- Micro-credential modules for professionals, students, and faculty of pre-tertiary and tertiary education institutions seeking to improve their skills in 3D printing within the textile and fashion sectors.	

Vice-Rector for Research and
International Cooperation

Liudmyla HANUSHCHAK-YEFIMENKO