



**KAUNO TECHNOLOGIJOS UNIVERSITETO
INFORMATIKOS FAKULTETAS**

**KAUNAS UNIVERSITY OF TECHNOLOGY
FACULTY OF INFORMATICS**

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National Aviation University

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**A REVIEW OF THE EDUCATIONAL AND SCIENTIFIC PROGRAM
"TECHNOLOGIES OF ELECTRONIC MULTIMEDIA PUBLICATIONS"
THIRD (EDUCATIONAL-SCIENTIFIC) LEVEL OF HIGHER EDUCATION
SPECIALTY 186 "PUBLISHING AND PRINTING"
FIELD OF KNOWLEDGE 18 "PRODUCTION AND TECHNOLOGIES
NATIONAL AVIATION UNIVERSITY**

The educational and scientific program (ESP) "Technologies of Electronic Multimedia Publications" (hereinafter referred to as ESP) is highly relevant as it covers a wide range of educational components related to the creation, publication, and use of electronic multimedia products. This makes it appealing and promising for students and doctoral candidates who seek to gain profound scientific knowledge and skills in the field of "publishing and printing." The widespread use of multimedia tools across various sectors further enhances the program's relevance, underscoring the importance of such expertise in contemporary enterprises. The growing popularity of electronic multimedia products makes this field extremely dynamic, necessitating skilled professionals proficient with modern technologies. Multimedia technology also plays a big role in educational innovations. Therefore, this program is also relevant to doctoral candidates pursuing their scientific careers and creating innovations in academic and scientific institutions.

The ESP "Technologies of Electronic Multimedia Publications" offers doctoral candidates the opportunity to acquire comprehensive knowledge and skills necessary for success in the digital publishing sector. The program includes current topics within its educational components, such as research methodology in publishing and printing, scientific innovations in multimedia technologies, modelling in scientific research, legal and ethical aspects of electronic multimedia products, multimedia product quality, and future trends in electronic multimedia publishing. Elective modules encompass modern trends such as virtual and augmented reality as well as artificial intelligence.

Strengths of the ESP "Technologies of Electronic Multimedia Publications" that make it motivating for students and doctoral candidates:

Highly Qualified Teaching Staff: The program is delivered by experienced faculty members with extensive expertise in electronic multimedia publications. Participation in third-level studies further enhances the teaching staff's scientific expertise, which would improve studies at all levels.

Extensive Opportunities for Scientific Activity: The National Aviation University offers doctoral candidates extensive opportunities for scientific activity, including participation in research projects, publication of articles in scientific journals, and presentations at scientific conferences.

- **International Connections:** The university collaborates with international higher education institutions and research organisations through scientific programs, providing doctoral candidates with opportunities to participate in international research projects. This is crucial for the success of third-level studies, allowing for continuous improvement of expertise through knowledge sharing and attracting scientific funding.

The program exposes its completeness, integrity, and diversity. The teaching staff actively engages in research on multimedia technologies and publishes in high-quality scientific journals. Students have opportunities to participate in research projects and conferences, fostering the development of their scientific and research skills.

In summary, the educational and scientific doctoral program "Technologies of Electronic Multimedia Publications" at the National Aviation University provides high-quality education, a broad range of opportunities for students, and active scientific engagement. It serves as a vital resource for career development in multimedia technologies and is important for both the academic community and the industry.

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