



Measure

No. 1/2024 – O

**Using artificial intelligence
at the Slovak University of Technology in
Bratislava**

Date: 27 November 2024

The Rector of the Slovak University of Technology in Bratislava, in accordance with Article 22(3)(d) of the Statute of the Slovak University of Technology in Bratislava

i s s u e s

the following Measure

**Using artificial intelligence
at the Slovak University of Technology in Bratislava:**

Article I.

Recitals

- 1) The Measure “Use of Artificial Intelligence at the Slovak University of Technology in Bratislava” (hereinafter referred to as the “Measure”) is a regulation of the Slovak University of Technology in Bratislava (hereinafter referred to as “STU”) issued by the Rector, which regulates:
 - a) basic information about the use of artificial intelligence at STU,
 - b) the definition of academic and scientific integrity,
 - c) recommendations for the use of artificial intelligence at STU.
- 2) This Measure is issued in light of the intensive development of artificial intelligence technologies and penetration thereof into education and research processes
- 3) This Measure applies to all STU students and STU employees.

Article II.

Artificial Intelligence Tools at STU

- 1) STU supports the use of progressive scientific and technology methods and tools in the pedagogical and scientific research process.
- 2) These tools include artificial intelligence (AI), with a particular emphasis on generative artificial intelligence (GAI), capable of helping to create new content in text, computer

programs, images and video formats.

- 3) STU recommends that students and staff use GAI to streamline content creation – judiciously and responsibly to avoid compromising academic and scholarly integrity.

Article III.

Academic and Scientific Integrity

- 1) Academic integrity is based on the principles of transparency, trust, respect, accountability and courage.
- 2) Transparency means a clear declaration of one's own results and contributions to the state of knowledge, as well as to the results and contributions of others.
- 3) Trust means that others can trust the results we declare, and, on the other hand, that we can trust others.
- 4) Respect means acceptance and appreciation of the views and contributions of other members of the academic community.
- 5) Accountability means assessing the impacts of our opinions, actions and results and avoiding the negative impacts thereof.
- 6) Courage is the ability to act in accordance with our values despite fear of others' reaction, failure or rejection, including the commitment to testing and challenging the views and results of others.
- 7) STU understands academic integrity as a moral code for all employees (university teachers, researchers, artists and other staff) and students. Violation of academic integrity is a misdemeanour.
- 8) Scientific integrity is based on the same principles applied in a scientific environment.

Article IV.

Generative Artificial Intelligence

- 1) GAI is based on large language models (“LLMs”) trained using a huge amount of text.

- 2) LLMs are able to answer text queries and conduct dialogue while generating outputs based on statistical predictions.
- 3) However, LLMs do not understand the nature of dialogue in human terms and may generate inaccurate or false responses (hallucinations).
- 4) The use of GAI carries risks such as invasion of privacy, plagiarism, false references to literature, and reducing students' creative abilities.
- 5) GAI streamlines text production, information gathering, text editing and translation, which can enhance the effectiveness of individual learning, enhance creativity and inspire.

Article V.

Recommendations for the Use of Generative Artificial Intelligence at STU

- 1) The author is always fully responsible for his/her text or work, regardless of what AI, GAI or other tools he/she used to create it. The author must not violate the principles of academic integrity during the elaboration of text or work. If GAI is used, it should be declared at the end of the thesis in a way similar to declaring the use of content created by other authors.
- 2) Recommendations for students:
 - a) Students can use GAI for the following activities without declaration:
 1. Grammar check;
 2. Text correction;
 3. Outline creation;
 4. Information gathering;
 5. The use of computational methods and software that incorporate AI elements.
 - b) The use of GAI for the following activities must be declared at the end of the text:
 1. Translation between languages;
 2. Editing and reformulation of text;
 3. Creation of summaries and researches;
 4. Quoting GAI responses;
 5. Creation of computer programs;
 6. Creation of graphic content and images;
 - c) STU does not recommend the use of GAI for the following activities:

1. Formulation of original ideas;
 2. Test and exam answers;
 3. Early stage education activities aimed at building basic skills and theoretical knowledge.
- 3) No confidential content from the STU environment or other private, confidential or sensitive material should be submitted to the GUI dialogue without the express permission of the intellectual property owner.
- 4) Recommendations for university teachers:
- a) University teachers are required to make students aware of these principles and to set out the specifics of GAI use in each subject;
 - b) Students' knowledge is tested in a way that excludes the use of AI, GAI and communication technologies during exams and tests; A conversation between teacher and student is considered an appropriate form of knowledge verification;
 - c) STU employees shall follow the same principles of GAI use in their scientific and publishing activities as outlined in this Measure.

Article VI.

Declaration Statement on the Use of AI

- 1) The use of AI in the text of a thesis must be declared in sufficient detail.
- 2) At the end of the thesis, after the bibliography, the parts of the text created with the help of AI should be specified, as well as the AI tool used and the way it was used. Examples of indicating the use of AI are given in the Annex to this Measure.
- 3) Inserting any text created by an AI without crediting the tool is a violation of academic integrity.
- 4) AI tools may not be credited as authors or co-authors of texts. AI tools generate output based on existing human-generated texts and do not create original works within the meaning of copyright law.

**Article VII.
Artificial Intelligence in Students' Final Theses**

The content of STU studies is focused on creative activities in the fields of technology, natural sciences, construction, design and production of practically usable works, etc. Therefore, the essence of the final thesis consists of solving a problem (method, procedure, experiment, calculation, simulation, subject, work, etc.); the text usually describes its characteristics and explains the use thereof. The textual form, or part of the final thesis, is therefore an important part of the work created. While the use of AI in the elaboration of the thesis is not a problem (as long as the principles set out in Article VI are respected), the author must fully explain and defend the result before the competent committee.

**Article VIII.
Final Provisions**

- 1) Any amendments to this measure may only be made in the form of numbered amendments to the measure, signed by the Rector.
- 2) The Rector shall be entitled to issue a full version of this Measure together with the amendment following the issue of any amendment to this Measure.
- 3) The annex "Examples of GAI use" shall be an integral part of this Measure.
- 4) This Measure shall enter into force on the date of its issue and shall enter into effect on 01 December 2024.

Dr. h. c. prof. h. c. prof. Dr. Ing. Oliver Moravčík¹
Rector

¹ this document has been signed electronically

Annex**Measure No. 1/2024 – O**

Examples of AI (GAI) use:

OpenAI (2024), ChatGPT, part 2.1, text generation

OpenAI (2024), ChatGPT, Section 5.4, generating code to visualize the results, Python language

Google, Gemini (2024), obtaining experimental data for the experiment in Section 7.2.3

DeepL (2024), <https://www.deepl.com/en/translator>, translations of some parts of the text

Grammarly, <https://app.grammarly.com>, full-text grammar correction