Announcement of Mahidol University
On the Principles and Practice Guidelines for Adopting Artificial Intelligence for Instruction at Mahidol University B.E. 2566 (2023)

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This is to ensure that the adoption of artificial intelligence (AI) for instruction at Mahidol University is orderly and effective.

By virtue of provisions in Section 34 of Mahidol University Act B.E. 2550 (2007), the President of Mahidol University issues the Announcement below.

Article 1 In this Announcement,

"Artificial Intelligence" (AI) refers to the technology designed and developed to make machines or computer systems intelligent, able to think, calculate, analyze, learn, and make decisions with capacities similar to or greater than humans. AI can learn, develop, and improve work processes to increase the potential of artificial intelligence, such as speech recognition, language translation, chatbots, automatic interactions, and automated systems that use robots to work.

Article 2 Mahidol University encourages lecturers and students to adopt AI in their instruction and learning by adapting learning activities, assessments, and assignments to suit AI creatively and ethically according to academic principles. They must have a proper understanding and be aware of social responsibility. The principles are as follows:

2.1 The university is in favor of having an education data management system with artificial intelligence tools or importing personal data within the set pattern of ethics, including laws, regulations, and announcements regarding personal data protection.

2.2 The university encourages lecturers to adopt AI tools in their instruction and assessment to improve education creatively.

2.3 The university encourages students to adopt AI tools in learning and to choose data obtained from AI tools creatively.

2.4 The university supports using AI tools based on the principles of academic ethics.

Article 3 To use AI tools in instruction, the following practice guidelines shall be followed.

3.1 Using AI tools to develop educational administration support systems

3.1.1 Importing personal data with AI tools for developing educational administration support systems that can link the data between specific departments and the university's central database should be done only with the necessary data. The privacy rights of lecturers, students, and stakeholders should be thoroughly considered. Consent must be given by the data owner before use. There must be a system for managing consent requests, such as a

permission system. However, this Article may be exempted if personal data is imported in accordance with the exemptions regarding requesting permission to collect and process personal data as set out in the Personal Data Protection Act.

3.1.2 There should be preparation for organizing training, relevant tools and equipment, and access to AI tools so that users can access them easily.

3.2 Using artificial intelligence tools in teaching and assessment

3.2.1 Lecturers should develop skills in using AI tools to ensure adequate knowledge and understanding of the features and limitations of AI tools in order to be able to design teaching and assessment processes that are appropriate to the chosen tools.

3.2.2 Lecturers should clearly define teaching and assessment methods that specify the use of AI tools in the course syllabus and clearly explain the scope and guidelines to students.

3.2.3 Lecturers should choose to use AI tools that are appropriate for the teaching and assessment process. For example, if they design activities for students to learn independently, they may choose to use AI tools to ease the burden on the lecturers in introducing knowledge to individual students, checking student work, or following up with learning development to respond to the differences of each student.

3.2.4 Lecturers should focus on teaching social skills, communication, analytical thinking, and creativity along with the use of AI tools and clearly include them in the lesson plans.

3.2.5 Lecturers should adjust the assessment methods appropriately and establish a process for examining the methods of obtaining student work to reflect the actual learning outcomes that need to be measured.

3.2.6 To use AI tools to create assessment tests for learning outcomes, lecturers should promote higher-level thinking skills in students by preparing questions or assignments that will help students develop analytical thinking skills, creative thinking, problem-solving, and teamwork.

3.3 Using AI tools to organize learning experiences

3.3.1 Lecturers should develop students' skills to have general knowledge about the benefits of AI, be aware of the impact of using AI tools, and develop skills in using and working with AI tools for learning appropriately.

3.3.2 Lecturers should allow students to use AI tools in learning in each program.

3.3.3 Lecturers should advise students to maintain a balance between using AI tools and other sources of data as well as other learning methods. Students should be instructed to use and increase the information and knowledge content through critical thinking, analytical thinking, and independent synthesis, along with using AI tools.

3.3.4 Students can use the resulting information, including text, audio, and images, to promote competencies in the application of AI tools in studying, working, taking exams, and analyzing data that responds appropriately to learning outcomes.

    3.3.5 Students should have a method to verify the reliability and accuracy of the content and information obtained from artificial intelligence tools before using them for academic purposes.

    3.3.6 Students should exercise good judgment in analyzing and synthesizing information obtained from AI tools, both through independent learning and group learning formats.

    3.3.7 Students should refer to and clearly state the scope of use in any data work obtained by using artificial intelligence tools. This is to avoid confusion as to whether the content is authored by students or created by using AI tools. Concealing information about the use of AI tools is considered a violation of ethics and is punishable according to relevant rules or regulations.

    Article 4 Specific departments may set criteria for the use of AI tools in the department's instruction other than what is specified in this Announcement only to the extent that they are not contrary to or inconsistent with this Announcement. They may prepare it as an announcement of the department and notify the university.

    Article 5 Any issue regarding compliance with this Announcement shall be decided by the President. The President's decision is deemed final.

    This shall come into force from this day onwards.

        Announced on 27th November 2023

         (Signature)

       (Prof. Banchong Mahaisavariya)

        Mahidol University President