

ARTIFICIAL INTELLIGENCE AND ITS IMPACT ON HIGHER EDUCATION

Artificial intelligence (AI) is defined as the ability and development of information technology-based computer systems or other machines to complete the tasks that usually require human intelligence and logical deduction. Even though AI can make the world a better place, AI comes with its own issues [2]. Artificial Intelligence is classified by capabilities: Artificial Narrow Intelligence (ANI) and Artificial General Intelligence (AGI). ANI, or weak AI, is the type of AI that has been achieved so far. AGI, if ever reached, would be comparable to human intelligence [1].

Higher education is impacted by AI in many ways. First, AI has sweeping impact on curriculum in higher education. The strength of AI is its speed, accuracy, and consistency. On the other hand, AI is still weak in soft skill such as creativity, innovation, critical-thinking, problem-solving, socializing, leadership, empathy, collaboration, and communication.

One of the Artificial Intelligence tool is ChatGPT. It has already been applied widely in different functions of higher education. Due to its ability to generate and assess information, ChatGPT can play a range of roles in teaching and learning processes. Together with other forms of AI, ChatGPT can improve the process and experience of learning for students. To do this, ChatGPT can be used as a standalone tool, or it can be integrated into other systems and platforms used by HEIs. ChatGPT can perform many simple or technical tasks (e.g., basic research, calculations, proofing). But we should consider that ChatGPT is not currently regulated and the main concern that has been expressed about ChatGPT in higher education relates to academic integrity [3]. HEIs and educators have sounded alarm bells about the increased risk of plagiarism and cheating if students use ChatGPT to prepare or write essays and exams. This may have deeper implications for subjects that rely more on written inputs or information recall, areas that ChatGPT can better support. There are also concerns that existing tools to detect plagiarism may not be effective in the face of writing done by ChatGPT.

Thus, used ethically and with due consideration of the need to build individual and institutional capacity, ChatGPT can provide students with a more personalized and relevant learning experience, make administrative processes more efficient, and advance research and community engagement. Use ChatGPT with care and creativity while some states and HEIs have blocked ChatGPT, most governments and HEIs are seeking ways to adjust to a world in which AI has become more widespread, accessible, and easy to use. In that sense, ChatGPT can be used but requires both care and creativity to ensure that it is handled ethically and appropriately.

REFERENCES

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