


Chapter 9

Academic Integrity and Ethics in Higher Education:


A Case Study on the Use of Artificial Intelligence in Academic Writing and Tackling Plagiarism

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ABSTRACT

This study addresses the merits, cons, and ethics of huge language models and AI in academic writing and research. The chapter examined how these technologies may damage scholarly integrity. Its key values include controlled AI use in academia (unlike unscrupulous laypersons) and the potential erosion of faculty and administrative trust in students who employ AI for this purpose. It believes human researchers should explicitly define outstanding knowledge. It then describes how plagiarism and AI are affecting academia and mentions some organizations reacting. Analysis also emphasizes campus academic integrity. These exercises promote student honesty. They also aim to eliminate academic integrity violations annually. Enhancing student collaboration, educating them about plagiarism and cheating, and proactively identifying transgressions are promising techniques. It

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also highlights Chitkara University's plagiarism prevention and academic integrity procedures, highlighting the need of strict limitations, teamwork, and education in constructing a just society.

INTRODUCTION

In this age of increasing inquiry and accountability in scholarly research, academic integrity has become fundamental to a well functioning academic community (McIntire et al., 2024). Scholar's research not only to discover new ideas but also to gain honor within the academic community and therefore false research data has no place in the academic realm. With increasing use of digital technology and robots in daily life and highly development of AI, plagiarizing in academic and scientific writing, which is obviously traced through some powerful search engines, becomes a severe unethical issue (Song, 2024). Ensuring academic integrity is a concern of any educator at any level of academia. Research must be done in an ethical manner; this includes but is not limited to how the data was obtained and being able to trust its accuracy. AI is getting more and more powerful, and has changed all corners of human society, even education sector, which was one of the last shreds of human's occupation areas (Jiang et al., 2024). AI allow us to have chance to improve our learning efficiency bring more and more opportunities and challenges. Honesty, transparency and efficient are three important aspects for academic ethics (Cong-Lem et al., 2024). To ensure the proper creditability and ethical partnership with research it is important to maintain academic integrity.

Plagiarism is a common problem in today's society, particularly in academics. Many people discuss and argue over the causes and solutions to this matter. Different regions of the world may have very different views or values toward plagiarism. Some people thing of plagiarizing as of an immoral process of stealing a writer's ideas, rather than the process of bending your thesis writing (Lazíková & Rumanovská, 2023). The problem has also been triggered by certain authors attempting to produce two or three publications using the same material, ensuring that a specific proportion of the second paper coincides with the first (Wittenberg, 2024). The Internet has facilitated the act of plagiarism by providing easy access to material that may be conveniently modified after being sourced from others. In order to unveil the truth, it is imperative for undergraduates, graduate students, and faculty members to initiate the educational process at an earlier stage, elucidating the concept of plagiarism, emphasizing the reasons why students, in particular, should refrain from succumbing to this temptation, and providing strategies to prevent it (Lazíková & Rumanovská, 2023). In order to analyze the violation more thoroughly, we need to distinguish between two specific types: textual matching and the theft of

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