

## Exploring The Role of Technology in Facilitating Academic Fraud in Universities: Literature Review

Muhammad Dava Natawiria<sup>1</sup>, Aristanti Widyaningsih<sup>2</sup>, Meta Arief<sup>3</sup>

<sup>1,2,3</sup>Prodi Magister Ilmu Akuntansi, Fakultas Pendidikan Ekonomi dan Bisnis  
Universitas Pendidikan Indonesia

davanatawiria@upi.edu<sup>1</sup>, aristantiwidyaningsih@upi.edu<sup>2</sup>, metaarief@upi.edu<sup>3</sup>

### ABSTRACT

*This research aims to determine the role of technology in facilitating academic cheating at universities. This research uses a systematic literature review (SLR) method, which identifies, evaluates, and interprets results from various sources related to previous research topics from 2018 - 2023. The research method uses the publish or publish platform as the main source for searching for scientific articles. An article search was carried out with the title the role of technology in Facilitating Academic Fraud (fraud) and academic cheating at Universities. This research shows that academic fraud is an opportunity to use illicit methods to steal other people's work for personal gain. Academic cheating is a problem in the current era of online learning. Cheating is a type of academic cheating that often occurs when a student is studying.*

**Keywords:** role of technology; academic fraud; university

### INTRODUCTION

Along with technological developments, education has transformed significantly. Universities use technology to provide access to educational resources, such as e-books, online journals, and platforms. Technology also provides new opportunities for students to make academic mistakes. Examples include bold plagiarism, purchasing academic work from websites, or using unauthorized applications or software during exams.

Academic fraud is often found in the world of education, especially among students. These practices are often carried out, including taking small notes on paper or on cellphones, copying and pasting from the internet, collaborating with friends during exams and many other types of cheating that often occur and are acceptable behavior for students. Students have developed a practice of doing this; However, employing someone else's service jockey during the exam is a matter of more concern. Naturally, this is very worrying for the younger generation in the country. Anyone can engage in this dishonest behavior; Both men and women are able to do it (Santoso & Yanti, 2016).

According to Hasan (2012) in (Sososutiksno, 2023) Academic dishonesty that is motivated by reflective behavior is known as academic cheating. Students' academic achievements are significant, as can be seen from their high Grade Point Average (GPA). This will lead to the emergence of academic cheating behavior. This behavior is an attempt to break the law in order to succeed dishonestly (Aron et al., 2021)

As academic disruption occurs through technology, universities and educational institutions have developed various tools and techniques to detect these

conditions. These include plagiarism detection software, bold exam monitoring software, and statistical analysis to detect condition patterns. It is important for universities to provide education and awareness to students about academic ethics and the consequences of conditions. In addition, they should also provide training on how to use technology wisely and ethically in educational contexts. There is room for collaboration between educational institutions and technology companies to develop more effective solutions to combat academic conditions. For example, developing intelligent algorithms to detect conditions or creating more interactive and engaging learning platforms to prevent the urge to perform conditions.

AI technology has created new opportunities for more sophisticated and adaptable fraud and cheating detection and prevention. Its capacity for large-scale data processing and analysis, coupled with its capacity to learn from past data, offers great advantages in spotting suspicious trends. Artificial Intelligence (AI) can identify patterns that humans or conventional systems miss by using neural networks and machine learning techniques. This offers great benefits in reducing the ever-increasing dangers of fraud and dishonesty (Tambunan et al., 2023).

However, there are a number of obstacles that must be overcome to use AI technology for fraud and fraud identification. Lack of access to high-quality organized data is a major obstacle to training AI models efficiently. In addition, data privacy and security issues are also quite important, because AI technology requires a lot of sensitive data to function (Sihombing et al., 2023). Therefore, it is critical to provide solutions that can guarantee data security and reliability while remaining compliant with relevant privacy regulations.

Although AI has demonstrated its capacity to recognize fraud and deception patterns, there are still obstacles in implementing it efficiently in practical settings. The main obstacle is the scarcity of high-quality organized data for pattern recognition training. Additionally, there are significant privacy and data security concerns when using AI to detect fraud (Febrian et al., 2024 ). Thus , the aim of this research is to thoroughly investigate and examine how artificial intelligence (AI) is applied in the process of identifying fraud and fraudulent tendencies in the academic field.

Based on the background and problems above, the author will be interested in analyzing "Exploring the Role of Technology in Facilitating Academic Fraud at Universities"

## LITERATURE REVIEW

### The Role of Technology

The contribution and effect of technology on human existence, society and the environment is referred to as its role. This includes everything from modifications to the way we work, learn, and interact with each other to advances in communication and transportation.

The contribution and influence of technology on teaching and learning in an academic environment is known as academic technology. This requires the use of various instruments, platforms and technical advances to increase the efficacy,

accessibility and efficiency of education. This position involves working with students remotely, creating multimedia-based lesson plans, facilitating communication between them and their teachers, providing access to online learning resources, evaluating and tracking their progress, and conducting innovative scientific research. All children can obtain the greatest education possible without being constrained by time or place thanks to technology, which can also make education more dynamic, engaging, and inexpensive.

The role of technology in the academic field is very significant and continues to grow over time. Following are some of the main roles of technology in an academic context:

1. **Distance Learning:** Technology allows access to education remotely through Online platforms, Online Courses and other electronic learning resources. This allows pupils and students to access study materials and participate in classes without having to be physically present at the class location.
2. **Multimedia-Based Learning:** Technology that enables the development of interactive, multimedia-based learning materials, such as learning videos, simulations, and educational games, which can increase student engagement and understanding.
3. **Access to Educational Resources:** The Internet provides easy access to a variety of educational resources, including scientific journals, e-textbooks, academic databases, and online courses from leading educational institutions around the world.
4. **Collaboration and Communication:** Email, discussion boards, and document sharing tools are examples of collaborative platforms that use technology to help students work together as well as students and teachers. This makes it possible for forces to collaborate on projects and have more fruitful conversations.
5. **Assessment and Monitoring:** Learning management systems (LMS) enable teachers to assign assignments, tests, and other assignments in a bold manner, as well as to track individual student progress. This helps in more efficient assessment and monitoring of academic progress.
6. **Research and Innovation:** Technology provides the tools and platforms to conduct scientific research, such as online journal databases, data analysis software, and computer modeling tools. It facilitates scientific discovery and innovation in various fields.
7. **Virtual Classes and Seminars:** Technology makes it possible to conduct virtual classes and bold seminars, where participants can participate from their respective locations without having to be physically present. This opens up opportunities for teaching and learning across geographic boundaries.

## Academic Fraud

"Dishonest or unfair actions carried out to gain advantage are called cheating," according to the Big Indonesian Dictionary. Academic cheating refers to the intentional violation of regulations in academic pursuits with the aim of generating financial gain.

Academic cheating, according to DL McCabe & Bowers (1994) in (Fontanella et al., 2020), can take the following forms: using other people's materials for assignments or exams; falsify data, references, or results; deliberately plagiarize; creating justifications for avoiding tests; and encouraging or assisting other students in engaging in academic dishonesty.

Academic fraud is a common problem in universities in various countries. According to previous research, 65% of students who committed academic fraud at a university in the Middle East did so using electronic devices (Ahmed, 2018). At Cyber University of South Korea, there are also other academic frauds. According to (Costley, 2019), 80% of students have been involved in academic fraud. The Media Research and Survey Development Group then conducted surveys in Surabaya, Makassar, Yogyakarta, Jakarta, Medan and Bandung in Indonesia. The majority of Indonesian students, from elementary school to university, cheat, according to survey results.

Academic cheating occurs due to personal factors, such as individual morals, and situational factors, such as environmental conditions and the influence of friends who are used to cheating. These elements serve as a catalyst for academic dishonesty. The three factors that impact academic fraud are pressure, opportunity, and justification; these three factors are collectively referred to as the "fraud triangle." Increased academic pressure can encourage cheating on campus because pressure arises when someone is in a situation where cheating is necessary. In this research, students felt pressure so that cheating behavior emerged. Apart from pressure, opportunity and rationalization also cause academic cheating. Weak conditions open up opportunities for fraud, and rationalization is behavior that justifies wrong actions or reasons (Marshall B. Romney, 2018).

According to the fraud diamond theory, pressure is the main factor influencing fraud. Pressure is an urge or goal that one wants to achieve but is limited by a person's ability to achieve it, which can then encourage someone to commit fraud (Yendrawati & Akbar, 2019). Opportunity is the second factor that influences fraud. Opportunity is a situation that allows someone to commit fraud. This opportunity usually arises from the perpetrator's observation of the surrounding environment (Tuanakotta, 2010). Rationalization is the third factor that influences fraud. Rationalization is a student's consideration for committing fraud or justifying the fraud that will be committed (Rahmadina & Hapsari, 2020). Ability is the fourth factor. Abilities include individual traits that enable someone to be the main perpetrator in academic fraud. Fraud will not occur without individuals who have the ability to do so (Wolfe & Hermanson, 2004).

## RESEARCH METHODS

This research uses a systematic literature review (SLR) method. SLR is an approach that aims to identify, evaluate, and interpret results from various sources related to a particular research topic (Kitchenham & Charters, 2007). In order to prevent bias and subjective interpretation throughout the literature review process, this method is executed by adhering to objective stages and protocols.

In this research, the author used the publish or publish platform as the main source for searching for scientific articles. An article search was carried out with the title "the role of technology in facilitating academic fraud and academic cheating at universities", and 150 articles were obtained. From these results, 25 articles were selected that were relevant to the research title. The time span for searching articles ranges from 5 years, namely from 2018 to 2023.

## RESULTS AND DISCUSSION

The following are the findings of the systematic literature review analysis conducted:

No	Writer	Year	Title	Results
1	Vivaldi Ilham Nur, Efraim Ferdinan Giri, Fachmi Pachlevi	2022	Fraud Triangle and Academic Entitlement Dimensions as Determinants of Accounting Students' Academic Fraud Behavior	The researchers' findings state that when accounting students face high pressure and opportunities they tend to commit academic accidents. Meanwhile, rationalization factors and academic rights do not have a significant effect on the behavior and academic conditions of accounting students. This research was conducted in 2020 using 201 accounting study program students from STIE YKPN Yogyakarta.
2	Desy Annisa Nugraha, Nurhayati Fitri, et, al	2020	Ethics and Academic Dishonesty in Higher Education	From the results of the questionnaire, it is known that what is mostly done is collaborating on a particular lecture assignment, or taking it home. tests, which were instructed to do alone (90%). Followed by whispering answers to exam questions to friends when taking exams together (82%) and quoting word for word from written sources and I submitted these quotations as fulfillment of my college assignments (82%).

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3	Maya Aresteria	2018	The Role of Internal Audit in Fraud Prevention in Higher Education: Literature Review	The researcher's findings state that SPAI-Standard no 120.2 2004 states that internal auditors must have the knowledge to recognize, research and test there is fraud. When internal audit has a good control function and also has an important role in higher education management, the possibility of fraud can be prevented.
4	Nurul Alfian	2021	The Influence of Pentagon Fraud on Academic Fraud Behavior	The results of the research show that the fraud pentagon has an influence on academic cheating behavior, the pressure variable has a positive influence on academic cheating behavior.
5	Syifa Aulia Rahmadanti, Ghina Fitri Ariesta Susilo	2020	Internal Audit Literature Study in Efforts to Prevent and Detect Fraud	According to the researchers' results, internal audit plays a critical role in identifying and preventing fraud in higher education. Internal audit must be able to support academic institutions in putting effective controls in place by assessing efficacy and efficiency and motivating them to keep improving. In higher education, internal audit also serves as a watchdog to stop and identify fraud.
6	Michael Sihombing and I Ketut Budiarta	2020	Analysis of the Influence of the Fraud Triangle on Academic Fraud of Accounting Students at Udayana University	Academic cheating by accounting students is positively and significantly impacted by pressure, opportunity, and justification. Students are more likely to perpetrate academic fraud when they feel more pressure, opportunity, and justification.

7	FentyAstrina, Nina Sabrina, Mohammad Aryo Arifin, Hesti Agustini	2022	The Influence of Fraud Triangle Dimensions on Academic Fraud	Academic cheating is positively and significantly influenced by pressure and opportunity for students enrolled at Muhammadiyah University, Palembang's Accounting and Management Study Program in the Faculty of Economics and Business. However, rationalization had no discernible effect on academic dishonesty, suggesting that students are aware that this activity is inappropriate.
8	Faizah Kamilah, Zulia Khairani, Efrita Soviyanti	2023	Fraud Triangle Analysis of Lancang Kuning University Accounting Students' Academic Fraud	Pressure, opportunity, and rationalization significantly influence academic cheating.
9	Yuni Susanti, Dwiyani Sudaryanti, Arista Fauzi Kartika Sar	2022	The Influence of the Fraud Triangle Dimensions and Moral Competence on the Academic Fraudulent Behavior of Accounting Students at the Islamic University of Malang During Online Learning	Pressure, opportunity, rationalization, and moral competence simultaneously or partially have a significant effect on the academic cheating behavior of accounting students at the Islamic University of Malang during online learning.

10	Renggo Nurcholis, son of Susdjen Pramono and Diana Rahmawati	2020	The Influence of the Use of Information Technology and the Fraud Triangle on Academic Fraudulent Behavior in Accounting Students at Yogyakarta State University	The research results show that there is academic fraudulent behavior among accounting students from the 2017, 2018 and 2019 classes at the Faculty of Economics, Yogyakarta State University. Researchers recommend increasing development and supervision programs to prevent academic fraud, especially in the Accounting Study Program, Accounting Education Department. This includes increasing discussions between lecturers regarding academic cheating, explaining the academic sanctions that will be applied, and providing motivation for students to respect moral and ethical teachings.
11	Yelpi Rahmawati and Saharuddin	2022	Analysis of the Influence of the Fraud Triangle on Academic Fraud Behavior in Accounting Students	Significant pressure on academic cheating in Accounting students at Palopo Muhammadiyah University. If pressure increases, the likelihood of cheating increases; if pressure goes down, the tendency to cheat also goes down. Opportunity has a negative influence: increasing opportunities for cheating reduces the likelihood of cheating, whereas reducing opportunities can increase cheating. Rationalization also has an effect: increasing rationalization increases the tendency to cheat, while decreasing rationalization reduces the tendency to cheat.

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12	Parikshit Pranagita, Ngadiman, Jaryanto	2022	Academic Fraud Behavior from the Perspective of The Fraud Triangle Theory	The results of this study confirm the "Fraud Triangle" theory which states that pressure, opportunity, and rationalization are key factors that influence fraudulent behavior, including in academic contexts.
13	Meshach Jordan Oliver	2022	Analysis of the Influence of the Fraud Triangle Dimensions on the Potential for Academic Fraud	Pressure, opportunity, and rationalization significantly increase the potential for academic cheating.
14	Ilvira Tristiana	2021	The Influence of Factors in the Fraud Triangle Dimension on Student Academic Fraud Behavior	Academic pressure and opportunities for cheating influence academic cheating in the management study program at Alma Ata University, Yogyakarta. However, student rationalization has no effect on academic cheating in this study program. Simultaneously, academic pressure and cheating opportunities contribute positively to academic cheating.

15	Nella Sari Siregar and Maulana Kamal	2021	Analysis of the Influence of Diamond Fraud and Religiosity on Academic Fraud	High pressure and great opportunities increase the tendency for academic cheating among students at Syiah Kuala University's accounting study program, according to research results. However, these students will not commit academic fraud, whether they have a high or low level of rationalization, because they are aware of its inappropriateness and the potential for harming themselves. Even though they have the ability, they do not use it solely to commit fraud. Apart from that, a high level of religiosity is also related to a low level of cheating, because students follow religious teachings that prohibit fraudulent behavior and believe in the truth of these teachings.
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16	Anggun Putri Ramadhan and Endang Ruhiyat	2020	Academic Cheating: Diamond Fraud, Dishonest Behavior, and Student Perceptions	Two studies show that factors such as justification, pressure, and opportunity play an important role in facilitating academic cheating among college students. Lecturer supervision and institutional internal control can reduce incidents of cheating. Anggun Putri Ramadhan and Endang Ruhiyat's research highlights the need to understand the reasons behind cheating behavior, while Parikesit Pranagita, Ngadiman, and Jaryanto's research emphasizes the importance of the relationship between pressure, opportunity, and justification in the context of academic cheating.
17	Mayang Murni and Henny Pratiwi	2020	The Influence of Fraud Diamond on Academic Fraud Behavior with Student Behavior as a Moderating Variable	The pressure variable positively and significantly influences academic cheating, while the opportunity and rationalization variables negatively and significantly influence academic cheating. However, the ability variable did not show any influence on academic cheating among LP3I Medan polytechnic students.
18	Felix Dance Laurens Leunufna, Elna Pattinaja, Dwi Kriswantini	2023	The Influence of Fraud Diamond on Academic Cheating with Learning Motivation as a Moderating Variable	Pressure has a significant impact on academic cheating, while opportunity, rationalization, and ability do not have a significant impact on academic cheating. Learning motivation is able to significantly moderate the effects of pressure and opportunity on academic cheating, but does not affect rationalization and ability in the context of academic cheating.

19	Sistya Rahmawati and Dini Susilawati	2018	The Influence of Diamond Fraud Dimensions and Religiosity on Student Academic Fraud Behavior	Of the five variables considered to influence students' academic cheating behavior, only opportunity, ability and religiosity have an influence. Pressure and rationalization variables as independent variables, as well as control variables such as self-control, motivation, learning discipline, and morals, do not influence academic cheating behavior.
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20	Isnan Murdiansyah, Made Sudarma, Nurkholis	2017	The Influence of Fraud Diamond Dimensions on Academic Fraud Behavior	The research results show that pressure, opportunity, rationalization, and ability influence students' academic cheating behavior. Pressure, as motivation from within and outside of oneself, encourages students to commit cheating. Opportunity also plays an important role, where students see opportunities to commit academic fraud. Rationalization, as a justification for fraudulent behavior, includes the view that cheating is commonly done by other people, habits since school and undergraduate, as well as the belief that cheating does not harm other people. Ability also plays a role in cheating practices, including asking friends, using technology, giving or viewing answers, changing absences, assignment deadlines, and forms of plagiarism such as copying from the same source, compiling a friend's work, partial plagiarism, or manipulation of information.
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21	Jandipa Loparis, Rina Yuniarti, Diah Khairiyah, Hernadianto	2023	The Influence of Fraud Diamond Dimensions on Academic Fraud Behavior	This study found that pressure influences academic cheating behavior among students of the Accounting Study Program, Faculty of Economics and Business, Muhammadiyah University of Bengkulu. Students feel encouraged to cheat because of the difficulty of exams, parental demands for high achievement, and the priority that is not always given to GPA. Insufficient supervision and limited assessment capabilities also facilitate fraud. The opportunity to cheat increases the likelihood of cheating, while close supervision can reduce the desire to cheat. Rationalization also influences cheating behavior, with students justifying dishonest actions. The high prevalence of cheating is considered common, perhaps due to a lack of understanding of its negative consequences. Students do not always see opportunities to cheat because of existing regulations and do not have a strong incentive to coerce others or manage the stress associated with cheating. Overall, no personal traits or abilities significantly influenced academic cheating tendencies in this study.
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22	Duwi Pebrianti Ambarsari, Noor Shodiq Askandar, Abdul Wahid Mahsuni	2023	The Influence of Diamond Fraud, Religiosity and Love of Money on Academic Fraud of Students at the Faculty of Economics and Business, Islamic University of Malang During the Covid-19 Pandemic	The three variables studied (Fraud Diamond, religiosity, and love of money) only partially explain academic cheating behavior. This research recommends further studies with a wider population and topics as well as the addition of other variables such as gone theory, emotional intelligence, self-efficacy, and moral development.
23	Yohana Lianirati Kusuma Dewi, Sigit Santoso, and Elvia Ivada	2022	The Relationship between Fraud Diamond and Self-Confidence with the Academic Fraudulent Behavior of Economics Cluster Students at Fkip University of X	This research reveals the factors that influence academic cheating among Economics program students and emphasizes the need for proactive action to build a culture of honesty and academic integrity.
24	Siswanto Ferry and NPMA Durya	2023	Analysis of the Influence of Fraud Diamond Dimensions on Fraudulent Behavior of Accounting Students	Academic pressure is low, rules are strict, and students do not cheat even when they have valid reasons, therefore pressure, opportunity, and justification have little effect on the academic cheating behavior of accounting students at Semarang State University. Conversely, aptitude has an impact on academic dishonesty; individuals with strong aptitudes and techniques typically commit academic dishonesty less frequently.

25	Ririn Puspitasari and Isharijadi	2021	Academic Fraud Behavior Approach to Fraud Diamond and Gone Theory in FKIP Students at Pгри Madiun University	Students at the Faculty of Teacher Training and Education, Universitas PGRI Madiun often commit academic fraud by cheating, bringing notes, opening cellphones, duplicating questions/answers, asking for or taking friends' answer sheets, plagiarizing assignments from other people's blogs, and manipulating attendance lists. In addition to greed, opportunity, necessity, and disclosure from the gone theory, this fraud is impacted by factors such as pressure, opportunity, rationalization, and ability from the fraud diamond.
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### Application of AI Technology in detecting fraud and cheating patterns

According to the literature review findings, artificial intelligence (AI) has been used effectively to identify fraudulent and dishonest behavior in a number of industries, including banking, e-commerce, insurance, and others. Artificial intelligence (AI) based detection systems are more effective in preventing financial and reputational losses because they can find patterns that traditional methods miss (Dewi & Priyanto., 2019).

### Advantages and Challenges of Implementing technology

Despite its benefits in identifying patterns of fraud and fraud, implementing AI technology is not without its difficulties. The main obstacle is the scarcity of high-quality and well-organized data for training AI models. In addition, data privacy and security are important issues when using AI technology for fraud detection (Rahmawati, 2022).

### Relevance and Practical Implications

In the context of financial security and business, the research findings are highly relevant. Organizations can reduce financial and reputational losses caused by dishonest and fraudulent behavior by applying artificial intelligence (AI) technology in fraud pattern detection. This research has practical implications for developing smarter and more responsive fraud detection systems, as well as offering guidelines for their effective deployment across businesses (Purnami et al., 2022).

Through in-depth literature analysis, this research provides a better understanding of the role of technology in facilitating cheating in the academic field. It is hoped that these results can make a positive contribution to the development of more effective solutions in fighting fraudulent and fraudulent activities in the future.

The application of technology in the academic field today, especially Artificial Intelligence (AI) technology, tends to have a negative impact on fraud and cheating. When fraud activity rises along with quick technical advances, clever and adaptable disclosure tactics are needed. In this talk, we will emphasize how artificial intelligence (AI) technology has emerged as a key weapon against increasingly sophisticated cheating and fraud (Febrian & Solihin, 2024).

In the characteristics of academic fraud, dishonest behavior in online learning found that, despite their belief that it was unethical, students continued to engage in dishonesty. They commit fraud because they are shaped by a culture that accepts it as the norm. Academic fraud will threaten the credibility of online education if not addressed (Sullivan, 2016)

Research results (Alan et al., 2020) show that students with a higher IQ than normal students have a higher likelihood of being involved in academic fraud. Students from wealthier backgrounds are also more vulnerable to engaging in academic dishonesty. Religious school students are less vulnerable to engaging in academic dishonesty. After students who have the habit of always cheating graduate, they will still have the characteristics or mindset that they developed as a result of the education they have gone through. Thus, character development in students must occur while they are at school up to university level. It is the responsibility of every aspect of the school to shape students' personalities.

## **The Influence of the Fraud Triangle on Academic Fraud**

As in research conducted by (Sihombing, Michael., & Budiarta, I Ketut. , 2020), Academic cheating by accounting students is positively and significantly impacted by pressure, opportunity, and justification. This implies that students are more likely to engage in academic fraud the more pressure, opportunity, and justification they experience. Nonetheless, a number of studies show that students are aware that academic cheating is improper and unethical, since justification does not always have a substantial impact on the action.

Overall, the research results support the "Fraud Triangle" theory which states that pressure, opportunity, and rationalization are the main factors influencing fraudulent behavior in academic contexts. Research also suggests that supervision and development programs can help reduce academic cheating among college students.

## **The Effect of Fraud Diamond on Academic Fraud**

Research conducted by (Siregar, Nella Sari., & Kamal, Maulana., 2021) The higher the pressure students experience, the greater their tendency to commit academic fraud. Syiah Kuala University accounting study program students commit academic fraud because of the pressure and opportunities they have. Even though they have the ability and rationalization, these students will not cheat if they realize that academic cheating is a disgraceful act. A high level of religiosity also reduces the tendency to commit fraud, because they understand religious teachings that prohibit fraudulent acts. This research shows that pressure, opportunity, and rationalization

play a significant role in encouraging academic cheating. Lecturer supervision and institutional internal control can help reduce fraud. Research also shows that learning ability and motivation can moderate the influence of pressure and opportunity on academic cheating.

Overall, factors such as pressure, opportunity, and rationalization, as well as the level of religiosity and ability, play an important role in students' academic cheating behavior. Students who are more religious and aware of morality tend to cheat less, while greater pressure and opportunity encourage cheating behavior.

## **CONCLUSION**

Based on the findings from the literature, it can be concluded that Academic fraud is the opportunity to use illicit methods to steal another person's work for personal gain. Academic cheating is a problem in the current era of online learning. Cheating is a type of academic cheating that often occurs when a student is studying. Plagiarism can also take various forms, such as creating or manipulating authors and bibliographies, utilizing other people's work, and citing data without giving credit to the original source. Overall, both the Fraud Triangle and Fraud Diamond show that pressure, opportunity, and rationalization are the main factors influencing academic fraud, with additional factors of religiosity and ability in the Fraud Diamond.

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