

Enhancing Academic Integrity in the Era of Artificial Intelligence: An Innovative Approach

Presenter:

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Exploring the Intersections of Academic Integrity and Artificial Intelligence



WELCOME

Background

- ❑ Bachelor's degree in Mathematics & Statistics, Mazandaran, Iran (2009)
- ❑ Master's degree in Mathematical Statistics, Pune, India (2012)
- ❑ Master's degree in Statistics, UNM-Main (2016)
- ❑ Full-time Visiting faculty, UNM-Gallup (2016-2019)
- ❑ Assistant Professor (Math, Stats, & CS), UNM-Valencia (Fall 2019-current)
- ❑ Ph.D. in Computer Science, UNM-Main (Spring 2024)
- ❑ Long-term goal: to educate NM students (minority) and conduct scientific research.



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Importance of Maintaining Academic Integrity in Educational Settings

- Technological Advancements
- Plagiarism
- Remote Learning Challenges
- Contract Cheating
- Lack of Awareness or Misunderstanding

How to Address Challenges?

- Utilize Technology and tools
- Educate Students
- Educational Workshops
- Policy Updates
- Clear Guidelines
- Plagiarism Detection Tools
- Alternative Assessment Methods

Importance of Real-time feedback collection

- ❑ Immediate Identification of Misunderstandings
- ❑ Prompt Clarification and Support
- ❑ Enhanced Student Engagement
- ❑ Creation of a Supportive Learning Environment
- ❑ Data-Driven Adjustments to Teaching Methods
- ❑ Building Trust and Ethical Standards

Integrating Google Forms and QR Codes (AI-enabled tools)

❑ What are Google Forms and QR Codes?

❑ Step-by-step process:

- Creation of Google Form (<https://docs.google.com/forms/>)
- Generation and use of QR codes at the end of each lecture (<https://www.the-qr-code-generator.com>)

An example of a QR code



Questions Posed in Google Forms

☐ Sample questions used in the form:

- "What were the most challenging points during today's class?"
- "What have you learned today?"
- A short question related to the lecture topic
- What questions do you have

Objectives, Benefits, and Impact

☐ Objectives of these questions:

- Encourage student reflection
- Identify areas of confusion or difficulty

☐ Educational benefits:

- Immediate feedback to instructor
- Follow-up with students

Conclusion

□ Key points:

- Leveraging AI Tools
- Enhancing Academic Integrity
- Interactive Learning

□ Call to Action:

- Encourage adoption of similar technologies
- Explore further AI integration in educational practices

Many thanks for your time.



I appreciate your thoughts.