REVIEWER'S REPORT

Manuscript No.: IJAR-56317

Title: A Study on the Implementation of AI in Examination and Academic Moderation

Recommendation:

Accept as it is …………………………………

Accept after minor revision………………

Accept after major revision ………………

Do not accept (*Reasons below*) ………

Rating	Excel.	Good	Fair	Poor
Originality		√		
Techn. Quality			√	
Clarity		√		
Significance		√		

Detailed Reviewer's Report

This manuscript examines the implementation of Artificial Intelligence (AI) in examination systems and academic moderation. The topic is highly relevant and timely, considering the increasing integration of AI tools in educational assessment. The paper provides a broad overview of AI applications such as automated question generation, automated grading, proctoring, academic moderation, and ethical considerations.

The manuscript is well organised and covers multiple dimensions of AI-based assessment, including technical, pedagogical, and ethical perspectives. The inclusion of concepts such as Human-in-the-Loop systems, algorithmic bias, and data privacy enhances the academic value of the paper.

However, the study is largely descriptive and review-based. It lacks empirical data, research methodology, sampling, statistical analysis, or experimental validation. The paper would benefit from including primary data, case studies, or systematic research design to strengthen its scientific contribution.

2. Specific Comments

(a) Originality

The manuscript addresses an important and emerging area in educational technology. While the topic is current and relevant, the paper mainly presents a narrative review of existing tools and studies rather than providing original empirical findings. The originality would improve if the authors include primary research, surveys, experiments, or comparative analysis.

(b) Technical Quality

The technical concepts such as Natural Language Processing, Automated Essay Scoring, and AI proctoring systems are explained clearly. However, the manuscript lacks:

- Research methodology
- Research design
- Data collection procedure
- Statistical analysis

The inclusion of quantitative or qualitative analysis would significantly enhance technical strength.

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(c) Clarity and Organisation
The manuscript is clearly written and logically structured. The sections are well arranged, and the language is easy to understand. The flow from introduction to conclusion is smooth.

However, minor language editing is required in some places to improve academic tone and consistency.

(d) Significance and Contribution
The study highlights important implications of AI in examinations, including efficiency, bias, accessibility, and governance. It is useful for educators, administrators, and policymakers.

However, its academic contribution is limited due to the absence of empirical evidence.

3. Strengths of the Manuscript
• Topic is highly relevant and contemporary
• Covers multiple dimensions of AI in assessment
• Well structured and organised
• Ethical issues are properly discussed
• Useful for academic and institutional stakeholders

4. Weaknesses of the Manuscript
• No research methodology is described
• Lack of empirical data or statistical analysis
• Mostly descriptive in nature
• Limited original contribution
• Requires minor language editing

5. Suggestions for Improvement
The authors are advised to:
1. Add a clear research methodology section
2. Include empirical data, case study, or survey results
3. Provide statistical or analytical support for claims
4. Improve academic language in some sections
5. Add more recent peer-reviewed journal references

Recommendation:
Accept after minor revision