Manuscript Submission Template

International Journal of Interdisciplinary Medicine and Applied Sciences (IJIMAS)

Title

- The title should be written in **Times New Roman**, 12-point font.
- Use capitalization for the first letter of significant words; conjunctions and prepositions should remain lowercase.
- Any Latin or scientific names must be italicized.
- The title should be short, concise, and relevant to the content of the article.

Examples:

- **Impact of Artificial Intelligence on Health Diagnostics**
- **Genetic Analysis of Rare Medicinal Plants (*Mentha arvensis*)**
- **Evaluating Sustainable Energy Solutions in Remote Communities**

Abstract

- The abstract must not exceed **250 words**.
- Use **Times New Roman**, 12-point font.
- Summarize the study's objectives, methodology, key findings, and conclusions.
- Avoid citing references or using literature in this section.

Example:

This study explores the application of artificial intelligence (AI) in diagnostic imaging, focusing on its effectiveness in early disease detection. Using a dataset of 5,000 medical images, convolutional neural networks were employed to identify anomalies. Results demonstrated an 85% accuracy rate in detecting lung conditions, outperforming conventional diagnostic methods. These findings suggest AI's potential to revolutionize diagnostics and improve patient outcomes.

Keywords

- Use **Times New Roman**, 12-point font.
- Provide 4-6 keywords that represent the core themes of the study.

Examples:

- Artificial Intelligence, Diagnostics, Imaging, Deep Learning
- Sustainable Energy, Off-Grid Systems, Rural Development

1. Introduction

- The introduction should outline the study's background, objectives, and significance.
- Use **Times New Roman**, 12-point font.
- Cite relevant literature using the IJIMAS reference style (see the "References" section below).

Example:

Artificial intelligence has emerged as a transformative technology in healthcare, particularly in diagnostic imaging (Jones et al., 2020). Traditional methods rely heavily on manual analysis, which can be time-intensive and prone to errors. This study aims to evaluate the efficacy of AI in improving diagnostic accuracy and efficiency.

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2. Materials and Methods

- Describe the methods used in sufficient detail to allow replication.
- Organize the section with numbered subheadings (e.g., 2.1., 2.2.).
- Include details about experimental design, data collection, and analysis techniques.

Example:

2.1. Study Design

This research used a cross-sectional design, analyzing diagnostic data from five major hospitals. Data included 5,000 anonymized chest X-rays labeled by certified radiologists.

2.2. Data Analysis

A convolutional neural network (CNN) was trained using Python's TensorFlow library. Performance metrics, including accuracy, sensitivity, and specificity, were calculated to evaluate model effectiveness.

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3. Results and Discussion

- Clearly present the results using tables, graphs, or figures.
- Discuss the implications of the findings in relation to the stated objectives and prior literature.

Example:

3.1. Results

The CNN achieved an accuracy rate of 85%, a sensitivity of 90%, and a specificity of 80%. These results significantly outperformed traditional diagnostic techniques (Table 1).

Table 1. Model performance metrics

Metric	CNN	Traditional Methods
Accuracy (%)	85	70
Sensitivity (%)	90	65
Specificity (%)	80	75

3.2. Discussion

These findings highlight AI's potential to enhance diagnostic accuracy. Previous studies reported similar improvements in efficiency using AI-based systems (Smith and Brown, 2019). However, ethical concerns, such as patient data privacy, must be addressed to ensure wider adoption.

4. Conclusion

- Summarize the main findings and their implications.
- Provide recommendations for future research or practical applications.

Example:

This study demonstrates that AI can significantly improve diagnostic accuracy and efficiency in healthcare. Future research should focus on integrating AI systems with existing medical workflows while addressing ethical concerns related to data privacy.

Authors' Contributions

- Clearly specify the roles of each author in the study.

Example:

- Author A: Conceptualization and methodology
- Author B: Data collection and analysis
- Author C: Manuscript preparation and review

Conflict of Interest Statement

- Declare any potential conflicts of interest or state that none exist.

Example:
The authors declare no conflicts of interest regarding this study.

Acknowledgments

- Mention any funding sources, collaborations, or assistance received.

Example:

This research was funded by the International Research Council (Grant No. 123456). The authors also thank Dr. John Smith for his valuable feedback on the manuscript.

References

- Use **Times New Roman**, 12-point font, and arrange references alphabetically.
- Apply a hanging indent of 0.5 cm for each reference.

Examples:

Journal Article:

Smith, J., Brown, P., 2019. AI applications in diagnostic imaging. *Journal of Medical Innovations*, 15(4): 234-245.

Book:

Jones, R., 2021. *Artificial Intelligence in Healthcare: Challenges and Opportunities*. Oxford University Press, Oxford.

Online Resource:

National Health Institute, 2020. Innovations in Medical Technology. https://www.nhi.org/medical-tech (Accessed: 15.09.2021).

Figures and Tables Guidelines

Figures

- Submit figures in high-resolution JPEG or PNG format.
- Use **Times New Roman**, 11-point font for figure captions.

Example:
Figure 1. Model architecture for convolutional neural network

Tables

- Use Word's table tool for creating tables.
- Table titles should be placed above the table and written in **11-point Times New Roman**.

Example:
Table 1. Performance comparison of diagnostic methods

Metric	AI Model	Conventional Method
Accuracy (%)	85	70

This template ensures consistency and professionalism in manuscripts submitted to IJIMAS. Authors are encouraged to follow this structure strictly to facilitate the review process. For additional guidelines, contact the editorial team at **editor@ijimas.com**.