

JUITA

Jurnal Informatika

Volume 13 Issue 2, July 2025

PREFACE

Assalaamu'alaikum Wr. Wb.

All praise and gratitude be to Allah, for it is by His grace that **JUITA** Volume 13, Issue 2—the second issue of 2025—can be shared with our valued readers, including lecturers, researchers, practitioners, and students. This edition is more than just a collection of papers; it is a reflection of the vibrant and dynamic developments taking place in the world of science and technology. The articles featured span cutting-edge topics such as machine learning, deep learning, genetic algorithms, natural language processing, image recognition, and fuzzy logic—fields that are shaping the future of innovation. What makes this issue significant is not only the breadth of its subject matter but also its depth, as these studies address real-world challenges and present practical applications in education, healthcare, forecasting, disease analysis, and beyond. Through these contributions, **JUITA** continues its mission to bridge academic insight with practical relevance, fostering cross-disciplinary collaboration and encouraging the pursuit of solutions that create a positive impact. Our heartfelt thanks go to all contributors—especially the authors, the editorial board, the reviewers, and the technical editorial team—for their dedication, insight, and meticulous work in bringing this issue to life.

Starting in 2025, **JUITA** will be published three times annually, in March, July, and November, ensuring a more regular flow of knowledge and scholarly exchange. Every manuscript follows the IMRAD structure and, since Volume 9, has been written entirely in English to strengthen our presence in the global academic community. The journal applies the IEEE standard to maintain consistency and editorial excellence, implementing precise guidelines for font size, style, and reference formatting to meet internationally recognized scholarly practices. But our vision goes beyond maintaining standards—we aim to continuously evolve, improve, and adapt in line with the changing needs of research and society. For this reason, we warmly welcome feedback, ideas, and suggestions from our readers, as they are invaluable in helping us refine the journal's quality, broaden its reach, and amplify its impact. Together, let us continue building **JUITA** as a platform where knowledge meets innovation, and where academic work inspires real-world change.

Wassalaamu'alaikum Wr. Wb.

Editor in Chief.

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