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JOIN

Jurnal Online Informatika

JOIN (Jurnal Online Informatika) is a scientific journal published by the Department of Informatics UIN Sunan Gunung Djati Bandung. This journal contains scientific papers from Academics, Researchers, and Practitioners about research on informatics.

JOIN (Jurnal Online Informatika) is published twice a year in June and December. The paper is an original script and has a research base on Informatics. The scope of the paper includes several studies but is not limited to the following study.

1. Artificial Intelligence
2. Computer Graphics and Animation
3. Image Processing
4. Cryptography
5. Computer Network Security
6. Modelling and Simulation
7. Information Retrieval
8. Information Filtering
9. Multimedia
10. Computer Architecture Design
11. Computer Vision and Robotics
12. Parallel and Distributed Computing
13. Operating System
14. Information System
15. Mobile Computing
16. Natural Language Processing
17. Data Mining
18. Machine Learning
19. Expert System
20. Geographical Information System

Preface

In line with the vision “Wahyu Memandu Ilmu” which proposed by UIN Sunan Gunung Djati Bandung, this edition of JOIN (Jurnal Online Informatika) has a place for scientific works publication which contains the value of *Qur’aniyah* dan *Kauniyah*. In December edition (Vol. 3 Number 2) consists of 10 following articles **“Data Center Risks Analysis Through The COBIT Framework 4.1, The Design of Population Data Application Using Unified Modeling Language, Decision Support System for Determining Thesis Supervisor using A Weighted Product (WP) Method, E-Learning Model to Support Industrial Based Adaptive Learning for Student Vocational High School, The process capability model for governance of the Election Organizer Ethics Court system, Detect Malware in Portable Document Format Files (PDF) Using Support Vector Machine and Random Decision Forest, Data Logging Implementation on Web-Based Communication on Arduino Devices, Analysis of Backpropagation Algorithm in Predicting the Most Number of Internet Users in the World, Android Battle Game Based on Augmented Reality with 2D Object Marker, The Implementation of QR-Code Technology on Bulak Fish Center Information System”**.

In this issue, the articles contain the result of study literature, field studies, and another study based on informatics area. Hopefully, this journal issue can contribute to the dynamics of Islamic development and the advancement of society, nation, and country.

This article will be more meaningful if the readers have the opportunity to criticize, explore, review, discuss and convey the results of comparative studies to enrich the treasure of the development of informatics. Finally, we expect constructive criticism and suggestions from readers to make JOIN (Jurnal Online Informatika) better than before.

Editor

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