**Muhammad Firdaus bin Mohamed Badauraudine**  
Universiti Kuala Lumpur - Malaysian Institute of Information Technology  
+601162694030  
19/9/2024

Editor-in-Chief  
Journal of Scientific Research  
https://jscires.org/

Dear Editor-in-Chief,

I am pleased to submit our manuscript titled “Detection and Tracking of People in a Dense Crowd through Deep Learning Approach” for consideration in your journal. This manuscript presents a systematic literature review (SLR) of recent developments in using deep learning to detect and track individuals in densely crowded environments, a field that has gained critical importance due to crowd-related incidents like the Hillsborough Disaster and the Kanjuruhan Stadium stampede.

Our review is based on the PRISMA methodology and includes a comprehensive analysis of 13 primary studies selected from over 4,000 articles published between 2019 and 2024 across multiple databases. We focus on the accuracy and effectiveness of crowd detection and tracking methods and their potential for public safety applications. Our findings provide a significant contribution to the body of knowledge on crowd management using artificial intelligence and open new avenues for future research.

We confirm that this manuscript is original, has not been published elsewhere, and is not under consideration by any other journal. All authors have approved the manuscript and agree with its submission to Journal of Scientific Research.

We believe our findings will be of interest to the readers of Journal of Scientific Research, particularly those involved in artificial intelligence, crowd management, and public safety research.

Thank you for considering our manuscript. We look forward to your response.

Sincerely,  
Muhammad Firdaus bin Mohamed Badauraudine  
Dr. Megat Norulazmi Megat Mohamed Noor, Dr. Mohd Shahizan Othman, Assoc. Prof. Ts. Dr. Haidawati Binti Mohamad Nasir  
Universiti Kuala Lumpur - Malaysian Institute of Information Technology, Universiti Teknologi Malaysia