**CERTIFICATION**

This report with title:

**DESIGN AND IMPLEMENTATION OF A STUDENT AND STAFF ATTENDANCE MANAGEMENT SYSTEM USING IRIS RECOGNITION**

Submitted by

FULLNAME HERE

MATRIC NO: HERE

Has partially satisfied the regulation governing the award of the degree of

Bachelor of Technology (B. Tech) Degree in Computer Science

Ladoke Akintola University of Technology.

...............................… ........................................

Supervisor Date

................................… ....................................

Head of Department Date

**DEDICATION**

This project is dedicated to God Almighty for his grace and mercy throughout the period of this project and also to my dear parent Mr. And Mrs [surname] for their full support and unending love.

**ACKNOWLEDGMENT**

Our sincere gratitude goes to God almighty the great citadel of knowledge and giver of all understanding, I appreciate him so much for giving me the wisdom and strength to start and conclude this project.

I really appreciate the effort of my supervisor [SUPERVISOR’S NAME] concerning the project for his encouragement through the project period, thank you so much.

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**Summary**

Biometric identification systems have gained significant traction in various sectors, including education, due to their reliability and security. Traditional methods of managing attendance, such as manual registers and ID card systems, are often prone to errors, manipulation, and inefficiency. This project focuses on the **Design and Implementation of a Student and Staff Attendance Management System Using Iris Recognition**, which offers a secure and automated approach to tracking attendance in educational institutions.

The system leverages iris recognition technology, known for its high accuracy and security, to capture, store, and verify the unique iris patterns of students and staff. By doing so, it automates attendance logging, reduces human error, and prevents unauthorized access. The system is designed to record attendance in real-time, offering an efficient and tamper-proof solution to attendance management.

The research follows a systematic approach that includes a comprehensive review of existing biometric technologies, system design, implementation, and testing. The system is developed using a combination of software and hardware tools, ensuring compatibility with institutional infrastructures. Key features include real-time attendance updates, secure database storage, and user-friendly interfaces.

The performance of the system was evaluated through extensive testing in a controlled environment. Results indicate that the system achieves high accuracy in iris detection and recognition, even under varying lighting conditions. Moreover, feedback from potential users highlighted the ease of use and effectiveness of the system in improving attendance monitoring and reducing administrative burdens.

In conclusion, the system provides a scalable and efficient solution for attendance management, addressing the limitations of traditional methods while enhancing security and accuracy. Future research can explore the integration of cloud-based systems and multi-modal biometric techniques to further improve the system's functionality and robustness.