

# **COMPREHENSIVE AUTOMATED DOCUMENT VERIFICATION SYSTEM FOR OFFICIAL DOCUMENTATION**

**A PROJECT REPORT**

*Submitted by,*

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*Under the guidance of,*

**MS. RADHIKA SREEDHARAN**

*in partial fulfillment for the award of the degree of*

**BACHELOR OF TECHNOLOGY**

**IN**

**COMPUTER SCIENCE AND TECHNOLOGY**

**At**



**PRESIDENCY UNIVERSITY**

**BENGALURU**

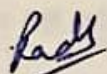
**MAY 2025**

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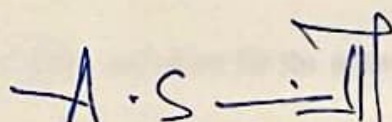
## **PRESIDENCY SCHOOL OF COMPUTER SCIENCE AND ENGINEERING**

### **CERTIFICATE**

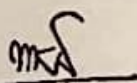
This is to certify that the Project report "Comprehensive Automated Document Verification System for Official Documentation" being submitted by "Sahana H, Sangeetha S K, Amrutheshwari V S, Sunitha Gahana" bearing roll numbers "20211CSG0017, 20211CSG0003, 20211CSG0037, 20211CSG0038" in partial fulfillment of the requirement for the award of the degree of Bachelor of Technology in Computer Science and Technology is a bonafide work carried out under my supervision.



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#### DECLARATION

We hereby declare that the work, which is being presented in the project report entitled **"Comprehensive Automated Document Verification System for Official Documentation"** in partial fulfillment for the award of Degree of Bachelor of Technology in Computer Science and Engineering, is a record of our own investigations carried under the guidance of Ms. Radhika Sreedharan, Assistant Professor, Presidency School of Computer Science Engineering, Presidency University, Bengaluru.

We have not submitted the matter presented in this report anywhere for the award of any other Degree.

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## ABSTRACT

In an era of increasing digitization, the authenticity and validity of official documents play a vital role across various sectors such as education, healthcare, banking, and government services. Traditional manual verification methods are time-consuming, inconsistent, and susceptible to human error. To overcome these limitations, this project proposes a **Comprehensive Automated Document Verification System for Official Documentation**, which offers a reliable, scalable, and efficient solution for verifying identity-related documents like Aadhaar cards and PAN cards.

The system is designed as a web-based application comprising a frontend interface and a robust backend engine. The **frontend**, developed using HTML, CSS, and JavaScript, enables users to upload documents through a clean and intuitive interface. The **backend**, implemented in Python, processes the uploaded documents, extracts essential information, and verifies them using predefined logic and mock validation mechanisms. This modular approach ensures a clear separation of concerns and enhances maintainability.

The primary goal of this system is to reduce the manual workload involved in document verification, enhance the accuracy of the process, and ensure faster turn-around time in institutional and organizational workflows. The solution also emphasizes data security and privacy, offering a secure environment for handling sensitive information. Furthermore, the architecture is designed to be extensible, enabling future integration with national databases or third-party APIs for real-time verification.

This automated system represents a significant step towards modernizing document authentication processes and delivering a streamlined experience for both users and organizations.



## ACKNOWLEDGEMENT

First of all, we indebted to the **GOD ALMIGHTY** for giving me an opportunity to excel in our efforts to complete this project on time.

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We thank our family and friends for the strong support and inspiration they have provided us in bringing out this project.

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