VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI

A PROJECT REPORT ON

"AUTOMATING PEDAGOGICAL DATA INTEGRATION"

Submitted in partial fulfillment for the award of Degree of

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE & ENGINEERING

By

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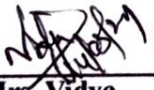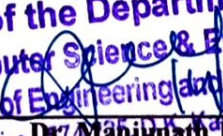

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CERTIFICATE

This is to certify that the project entitled **"AUTOMATING PEDAGOGICAL DATA INTEGRATION"** has been successfully completed by

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the bonafide students of **DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING, ALVA'S INSTITUTE OF ENGINEERING AND TECHNOLOGY** of the **VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI** during the year 2023–24. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of Project work prescribed for the Bachelor of Engineering Degree.

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ABSTRACT

Abstract - The process of manually entering internal and external marks, then tediously calculating their averages has long plagued educators with repetitive tasks. Recognizing the arduous nature of this endeavour for our teachers, we embarked on a mission to alleviate this burden through technological innovation. Our project, the Automated Academic Marksheet Management System, offers a seamless solution to streamline the cumbersome task of marksheet management. By empowering students to effortlessly upload their semester-wise marksheets onto our platform, we eliminate the need for manual data entry. These uploaded marksheets are swiftly processed and compiled into a comprehensive Excel spreadsheet, ready for download by educators. Furthermore, our system ensures efficient communication by integrating a convenient email feature. With just a click of a button, teachers can automatically dispatch the marksheets to the respective parents of the students. This not only enhances the transparency of academic progress but also fosters effective communication between the educational institution and guardians. In essence, our project serves as a testament to the transformative potential of technology in simplifying administrative processes within educational settings. By automating the management of academic marksheets, we aim to empower educators to focus their energies on more meaningful aspects of student development, thereby enhancing the overall educational experience.