BRIGHT FUTURE

Project Report

Submitted in partial fulfillment of the requirements for the award of the degree in

INTEGRATED M.Sc. PROGRAMME IN COMPUTER SCIENCE -DATA SCIENCE

Submitted by

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CERTIFICATE

This is to certify that the project entitled "**BRIGHT FUTURE**" submitted in partial fulfilment of the requirements for the award of the degree in **Integrated M.Sc. Computer Science – Data Science** is a bonafide report of the project done by **Karthik Unnikrishnan (Reg.No: 223142810012)** during the academic year 2024-2025.

Internal Guide   **Head of the Department**

Examiner

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ABSTRACT

A growing concern in educational institutions is student attrition and the need for personalized learning support. Traditional methods of student support often struggle to proactively identify at-risk students and provide tailored guidance. This challenge is further amplified by the increasing demands on students and the need for effective tools to manage their academic journey.

Despite the availability of digital resources, many educational institutions still rely on conventional approaches that lack the predictive capabilities and personalized features necessary to significantly impact student success rates. These limitations can hinder the ability to provide timely interventions and optimize the learning experience.

In this project, we propose the development of BrightFuture, an integrated educational support system equipped with advanced dropout prediction, personalized course recommendations, and a comprehensive note-taking application to address the multifaceted challenges faced by modern students and educational institutions.

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