

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 degree award 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.

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ACKNOWLEDGEMENT

With immense gratitude, I acknowledge the divine guidance that has illuminated my path throughout this project and enabled its successful culmination. I sincerely appreciate all those who have contributed their wisdom, support, and encouragement to this endeavour.

My deepest thanks go to the esteemed Principal, **REV. DR. JESTIN K KURIAKOSE**, for providing me with the enriching academic environment of this institution. I would also like to express my sincere gratitude to the Head of the Department, **Ms. VIDHULA THOMAS**, for her support and facilitation throughout this project. I am particularly indebted to my project guide, **Ms. S GOWRI KRISHNA**, Assistant Professor in the Department of Integrated MSC Computer Science- Data-science, Nirmala College, Muvattupuzha, whose insightful direction, innovative perspectives, and unwavering support were instrumental in shaping this project.

I also wish to express my gratitude to the faculty and staff for their invaluable assistance, cooperation, and the resources they provided, which greatly facilitated the completion of my work.

Finally, I wholeheartedly thank my family members and friends for their steadfast support and encouragement, which sustained me throughout this journey.

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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