Kristu Jayanti College

AUTONOMOUS **Bengaluru**

Reaccredited A++ Grade by NAAC | Affiliated to Bengaluru North University

EDUCATOR- ONLINE LEARNING APP

Project Report submitted in partial fulfillment of the requirements for the award of the degree of

BACHELOR OF COMPUTER APPLICATION (BCA)

Submitted By

NAME: ATHIRA R
REG NO: 19CS1K2164

Under the guidance of

Mr. RAMANATHAN G

DEPARTMENT OF COMPUTER SCIENCE (UG)
BCA PROGRAMME
KRISTU JAYANTI COLLEGE (Autonomous) K. Narayanapura,
Kothanur P.O., Bangalore – 560077

DEPARTMENT OF COMPUTER SCIENCE (UG)

CERTIFICATE OF COMPLETION

This is to certify that the project entitled "**EDUCATOR – ONLINE LEARNING APP**" has been satisfactorily completed by **ATHIRA R**, **19CS1K2164** in partial fulfillment of the award of the Bachelor of Computer Applications degree requirements prescribed by Kristu Jayanti College (Autonomous) Bengaluru (Affiliated to Bengaluru North University) during the academic year 2021 – 2022.

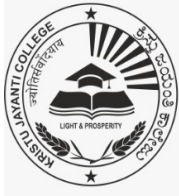*Internal Guide*   *Head of the Department*

Valued by Examiners

1:_____   *Centre:* **Kristu Jayanti College**

2:_____   *Date:*

DECLARATION

I, **ATHIRA R, 19CS1K2164** here by declare that the project work entitled **EDUCATOR – ONLINE LEARNING APP** is an original project work carried out by me, under the guidance of Mr. Ramanathan.

This project work has not been submitted earlier either to any University / Institution or any other body for the fulfillment of the requirement of a course of study.

Signature
ATHIRA R

Bengaluru Date:

ACKNOWLEDGMENT

The success of the project depends upon the efforts invested. It's my duty to acknowledge and thank the individuals who has contributed in the successful completion of the project.

I take this opportunity to express my profound and whole hearted thanks to **Rev.Dr.Fr. AUGUSTINE GEORGE, PRINCIPAL, KRISTU JAYANTI COLLEGE**, **BENGALURU** for providing ample facilities made to undergo our project successfully.

I express my deep sense of gratitude and sincere thanks to our Financial Administrator **Prof. Rev.Fr. Lijo P Thomas** for his valuable support

I express my deep sense of gratitude and sincere thanks to our **Dean Prof. Calistus Jude AL** for his valuable support

I express my deep sense of gratitude and sincere thanks to our Head of the Department **Prof. Sevuga Pandian** for his valuable advice.

I feel immense pleasure to thank my respected guide **Prof. Ramanathan** for sustaining interest and for the dynamic guidance shown in aiding me to complete this project immaculately and impeccably and being the source of my strength and confidence.

It is my duty to express my thanks to all **Teaching and Non-Teaching Staff** members of computer science department those who offered me help directly or indirectly by their suggestions.

The successful completion of my project would not have been possible without **my parent's sacrifice, guidance and prayers**. I take this opportunity to thank very much for their continuous encouragement. I convey my thankfulness to all **my friends who were with me to share my happiness and agony.** They gave valuable suggestion which was the solution that helped me to a great extent to complete the project successfully.

TABLE OF CONTENTS

SYNOPSIS

In modern online learning app, all students are who enroll in a particular course are provided with same content. But learning capability of every student is not same. Therefore, grasping the knowledge may become too much of some student and too less to others. In other online app. The content provided was vague and general to all student. It was not specific to a particular student group.In other online app. The content provided was vague and general to all student. It was not specific to a particular student group. But our app "Educator" Gives a customized learning experience which Increases productivity in learning by providing a learning road map to it.

The pace of student's learning is quite different, some might learn fast, some takes a lot of time. If the notes are quite easy, a fast learner might feel bored and lose interest. If we keep too complicated, slow learners might feel this is beyond us and never try to learn. So by making average type of learning is one solution, but we will not get an optimized way of doing it. So by customizing our learning pattern, we can achieve our objective.

This is an online learning platform in which students can learn any course at their own pace. It is different from other online learning platform. That it not only customize and recommend courses, but also it customizes modules / syllabus to each and every student with the help of Deep/Machine learning algorithms. So, in order to provide required learning, This app "Educator" Cluster students based on their performance and provide required modules in order to fulfill the course. This creates less burden on students in learning period and fully understand the taught concepts.

1. INTRODUCTION

2. SYSTEM STUDY

3. SYSTEM DESIGN

4. SYSTEM CONFIGURATION

5. DETAILS OF SOFTWARE

6. TESTING

7. CONCLUSION AND FUTURE ENHANCEMENT

8. BIBLIOGRAPHY

9. APPENDICES A – TABLE STRUCTURE

10. APPENDICES B – SCREENSHOTS

11. APPENDICES C – TEST CASES

12. APPENDICES D – SOURCE CODE