



**MURUGAPPA POLYTECHNIC COLLEGE**

**Sathyamurthy Nagar, Chennai-600 062.**

(An Academically Autonomous Institution)



**DEPARTMENT OF COMPUTER ENGINEERING**

**PROJECT REPORT**

**ON**

**MACAULAY EDUCATION DIGITALIZED VIDEO**

**Submitted By**

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In partial fulfillment of the requirements of the award of  
**DIPLOMA IN COMPUTER ENGINEERING (REGULAR)**

Under the guidance of

**Mr. B.RAJENDRAN, M.E.**  
**HOD, Department of Computer Engineering**

**APRIL 2024**

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## **DEPARTMENT OF COMPUTER ENGINEERING**

### **BONAFIDE CERTIFICATE**

Certified that this project report entitled "**MACAULAY EDUCATION DIGITALIZED VIDEO**" is the bonafide record of work done by Selvan.....Registration No....., student of Sixth Semester Computer Engineering (Regular) Diploma Course, during DEC 2023 – APRIL 2024 in partial fulfillment of the requirements for the award of **DIPLOMA IN COMPUTER ENGINEERING (REGULAR)**.

#### **Project Guide**

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Date:

#### **Head of the Department**

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Date:

Submitted for the End Semester Examination held on.....

**INTERNAL EXAMINER**

**EXTERNAL EXAMINER**

## ACKNOWLEDGEMENT

Any work completed consists not only the experience and skill of an individual but also it includes an organized body of people. As such, many kind hearts lay behind the completion of our project.

First, we wish our grateful gratitude to our parents who dedicated their life for our studies. We express our deep sense of gratitude to our beloved principal **Dr. K.SUDHAGAR, Ph.D.** whose motivation has helped us to develop this project. We wish to express our sincere thanks to **HOD** of Computer Engineering **Mr. B.RAJENDRAN, M.E** and our guide **Mr. B.RAJENDRAN, M.E.** The valuable guidance and encouragement given by guide have helped us in successfully completing this project.

We also wish to thank all staff members of Computer Engineering Department for their guidance and encouragement.

We place in record all our profound gratitude to helping hands for their courtesy and guidance.

The team members are very thankful to their friends and fellow students for helping us during the course of this project Work.

## **SYNOPSIS**

The Macaulay Education Digitalized Video Application is a new way to help students learn. The traditional education system in India, started by Thomas Babington Macaulay in 1835, mainly focuses on English and European subjects. But it has some problems. It doesn't cover moral science well, and it's not always good at teaching. So, we made this new project to fix those issues. Our application uses advanced technology to turn written lessons into fun and easy-to-watch videos.

Students can type in text, and the app will turn it into a video lesson. This makes learning more exciting and accessible for everyone. We want to make education better for everyone, we have ensured that our app is compatible with various devices and integrates modern tools such as Flutter for cross-platform application development, Dart for accessing Flutter libraries, Firebase for managing user data, and Python for AI functionalities like ChatGPT for text conversion and DALL-E AI for image generation, along with InVideo for video creation. Our objective is to foster enjoyable and inclusive learning experiences for students regardless of their location.

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