

“ DEVELOPING A SOFTWARE FOR DUBBING OF VIDEOS FROM ENGLISH TO OTHER REGIONAL LANGUAGES ”

A PROJECT REPORT

Submitted by,

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Under the guidance of,

Dr. SERIN V SIMPSON
School of Computer Science,

in partial fulfillment for the award of the degree of

BACHELOR OF TECHNOLOGY

IN

COMPUTER SCIENCE AND ENGINEERING

At



PRESIDENCYUNIVERSITY

BENGALURU

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PRESIDENCY UNIVERSITY

SCHOOL OF COMPUTER SCIENCE ENGINEERING

CERTIFICATE

This is to certify that the Project report "Developing a software for dubbing of videos from English to other Indian regional languages" being submitted by "T SRUJAN BISNEER, VICKY RAJ V, ABHINAV CS, MOHAMMED FARRIS" bearing roll number(s) 20211CSE0880, 20211CSE0833, 20211CSE0818, 20211CSE0851 in partial fulfillment of the requirement for the award of the degree of Bachelor of Technology in Computer Science and Engineering is a bonafide work carried out under my supervision.



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DECLARATION

We hereby declare that the work, which is being presented in the project report entitled **Developing a software for dubbing of videos from English to other Indian regional languages** in partial fulfillment for the award of Degree of **Bachelor of Technology** in Computer Science and Engineering, is a record of our own investigations carried under the guidance of Dr. Serin V Simpson, Assistant Professor, **School of Computer Science Engineering & Information Science, Presidency University, Bengaluru.**

We have not submitted the matter presented in this report anywhere for the award of any other Degree.

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ABSTRACT

This project endeavors to develop a sophisticated software solution aimed at facilitating the translation of videos from English to various languages spoken in India, encompassing diverse religious and cultural backgrounds. The primary objective is to bridge linguistic gaps and promote inclusivity by making video content accessible and comprehensible to a wider audience.

The software employs state-of-the-art machine translation techniques and deep learning algorithms to ensure accurate and contextually relevant translations. Leveraging the advancements in natural language processing, the system aims to provide high-quality translations that capture the nuances of different languages, including those associated with various religions prevalent in India.

Key features of the software include user-friendly interfaces, efficient video processing capabilities, and support for multiple Indian languages. The development process involves the integration of cutting-edge technologies such as neural machine translation and robust language models.

The anticipated impact of this project is significant, contributing to the democratization of information and fostering cross-cultural understanding. By enabling the translation of videos into languages associated with different religions, the software aspires to promote cultural harmony and facilitate the sharing of diverse perspectives.

Keywords: Video Translation, Machine Translation, Deep Learning, Natural Language Processing, Cross-Cultural Communication.