

**VISVESVARAYA TECHNOLOGICAL UNIVERSITY**  
JNANA SANGAMA CAMPUS, BELAGAVI-590018



**MINI PROJECT REPORT**

**OF**

**AI CHAT BOT**

**Submitted by**

RANJITH                      4AL21ISO41

BHARATH                    4AL21IS011

**Under the Guidance**

**of**

**Mr. PRADEEP NAYAK**

Assistant professor



**DEPARTMENT OF INFORMATION SCIENCE & ENGINEERING**  
**ALVA'S INSTITUTE OF ENGINEERING & TECHNOLOGY**  
**MOOBBIDRI- 574225, KARNATAKA**

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Mini Project Guide

Dept. of ISE, AIET

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**ALVA'S INSTITUTE OF ENGINEERING & TECHNOLOGY**

**MOODBIDRI- 574225, KARNATAKA**



**DEPARTMENT OF INFORMATION SCIENCE & ENGINEERING**

**CERTIFICATE**

*Certified that the mini project work entitled "AI CHATBOT" is a bonafide work carried out by*

BHARATH J	4AL21ISO11
RANJITH	4AL21IS041

in partial fulfilment for the award of **BACHELOR OF ENGINEERING** in **INFORMATION SCIENCE AND ENGINEERING** of the **VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELGAUM** during the year 2022-2023 It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the Bachelor of Engineering Degree.

**Mr. PRADEEP NAYAK**

**Project Guide**

**Dr. SUDHEER SHETTY**

**Head of Department**

## ABSTRACT

In this project, we delve into the world of AI Chat-bots, an innovative technology created through Google's cutting-edge TensorFlow platform. Our aim is to develop a universal system capable of assisting customers in a way that optimizes time and reduces the reliance on human resources.

The versatility of chat-bots makes them applicable across various domains where humancomputer interactions take place. The areas experiencing the fastest adoption of this technology are customer service and sales and marketing. This is primarily due to the economic advantage of having a chat-bot available 24\*7, tirelessly attending to customers' queries and needs.

AI Chat-bots have the potential to revolutionize customer service by providing instant responses, personalized interactions, and seamless support, regardless of the time of day or the volume of inquiries. The efficiency and consistency of these chat-bots contribute to higher customer retention rates and enhanced brand loyalty.

Moreover, chat-bots are becoming invaluable assets in the realm of sales and marketing. They can engage potential customers in meaningful conversations, gather insights, and offer tailored product recommendations, thereby significantly boosting sales conversion rates. Their ability to engage in personalized and contextually relevant conversations ensures a more satisfying and persuasive customer experience.

As organizations continue to invest in the development and implementation of AI chatbots, the technology's potential will only expand. We can expect to witness even more sophisticated and human-like interactions with these virtual assistants, further blurring the lines between human and machine communication.