

**VISVESVARAYA TECHNOLOGICAL UNIVERSITY,  
BELAGAVI**



**A PROJECT WORK REPORT ON  
“STUDENT INFORMATION CHATBOT”**

Submitted in partial fulfillment for the award of Degree of,

**BACHELOR OF ENGINEERING**

**IN**

**COMPUTER SCIENCE & ENGINEERING**

**By**

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CERTIFICATE

This is to certify that the Project entitled **"STUDENT INFORMATION CHATBOT"** has been successfully completed by

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The bonafide students of DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING, ALVA'S INSTITUTE OF ENGINEERING AND TECHNOLOGY of the VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI 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.

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## ABSTRACT

A chatbot is a software that is used to interact between a computer and a human in natural language like humans chat. Chatbots chat with the user in a conversation in place of a human and reply to the user. The goal of this report on chatbot was to resemble a human being in the way they interact, trying to make the user think he is chatting with another human being. The chat bot application helps the students to access the university related information from anywhere with internet connection. This system reduces work of college administration providing information to students and also reduces the workload on the staff to answer all the queries of the students. The Student Information Chatbot is a natural language processing (NLP) powered conversational agent designed to provide information to students in an interactive and personalized manner. The chatbot utilizes machine learning algorithms and language models to understand and respond to natural language inputs from students. It can answer a variety of student queries related to admission procedures, course offerings, fees, academic calendar, campus facilities, and student life.