

AI CHATBOT FOR TOUR GUIDE

A PROJECT REPORT

Submitted by,

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Under the guidance of,

Dr. Pamela Vinitha Eric

in partial fulfillment for the award of the degree of

BACHELOR OF TECHNOLOGY

IN

COMPUTER SCIENCE AND ENGINEERING

AT



**GAIN MORE KNOWLEDGE
REACH GREATER HEIGHTS**

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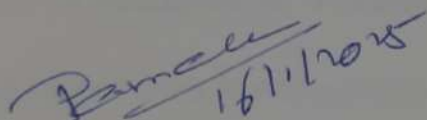
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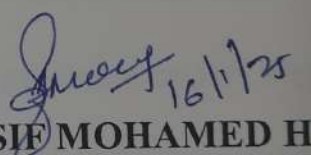
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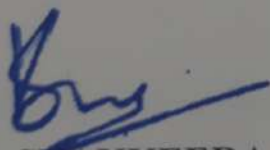
This is to certify that the Project report **AI CHATBOT FOR TOURISM** being submitted by Rohit Bhunia(20211CSE0092), Hema Deepika Mikkili(20211CSE0324), Isha Bhardwaj(20211CSE00331), in partial fulfillment of the requirement for the award of the degree of Bachelor of Technology in Computer Science and Engineering is a bonafide work carried out under my supervision.



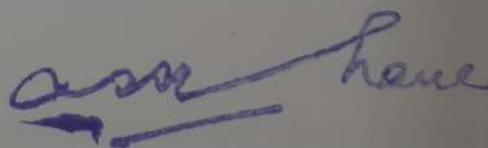
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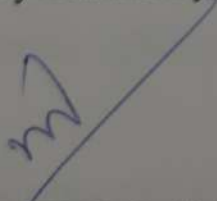
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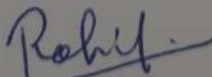
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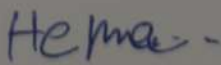
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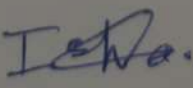
DECLARATION

We hereby declare that the work, which is being presented in the project report entitled in **AI CHATBOT FOR TOURISM** 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. Pamela Vinitha Eric Professor, School of Computer Science Engineering 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 report explores the development and implementation of an AI-powered chatbot designed to function as an interactive tour guide. The chatbot aims to enhance the visitor experience by providing real-time, context-aware information about landmarks, attractions, and local culture. By leveraging natural language processing (NLP) and machine learning, the system enables dynamic conversations, offering personalized recommendations based on user preferences. The chatbot is integrated with a variety of data sources, including geolocation services and multimedia content, to deliver rich, engaging, and informative experiences for tourists. Furthermore, the system is designed to be accessible across multiple platforms, including mobile devices, to ensure ease of use. This solution represents a significant step towards the modernization of tourism services, offering an innovative and scalable approach to tourism guidance in the digital age.

ACKNOWLEDGEMENT

First of all, we indebted to the **GOD ALMIGHTY** for giving me an opportunity to excel in our efforts to complete this project on time.

We express our sincere thanks to our respected dean **Dr. Md. Sameeruddin Khan**, Pro- VC, School of Engineering and Dean, School of Computer Science Engineering & Information Science, Presidency University for getting us permission to undergo the project.

We express our heartfelt gratitude to our beloved Associate Deans **Dr. Shakkeera L** and **Dr. Mydhili Nair**, School of Computer Science Engineering & Information Science, Presidency University, and **Dr. Asif Mohammed** Head of the Department, School of Computer Science Engineering , Presidency University, for rendering timely help in completing this project successfully.

We are greatly indebted to our guide **Dr. Pamela Vinitha Eric** and Reviewer **Dr. Ramesh Sengodan** School of Computer Science & Engineering , Presidency University for his inspirational guidance, and valuable suggestions and for providing us a chance to express our technical capabilities in every respect for the completion of the project work.

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We thank our family and friends for the strong support and inspiration they have provided us in bringing out this project.

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