**Department of Computer Science and Engineering (AI & ML)**

**IV B. Tech. SEM - I A.Y: 2024-25**

INDUSTRY ORIENTED MINI PROJECT

**Branch/Section:** CSM-B

# Team Number: 18

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**Domain Bucket/Name:** Artificial Intelligence (AI) in Education

**IOMP Title/Statement:** AI-powered Historical Chatbot for Ancient History Exploration

**Abstract:**

This project focuses on the development of an interactive Historical Facts and Trivia Chatbot, designed to enhance learning through conversational AI. The chatbot engages users by providing random historical facts, answering queries related to historical events and figures, and offering trivia quizzes to test users' knowledge. Utilizing natural language processing (NLP) and simple conversational logic, the bot allows users to interact in a natural, conversational style, offering an engaging and educational experience.

The front end of the application is built using Flask, a lightweight Python web framework, which provides a simple yet effective interface for users to interact with the chatbot. Flask's flexibility makes it ideal for a dynamic, responsive front-end experience, while the chatbot logic resides on the backend, handling user inputs and generating appropriate responses. Historical data, including facts and trivia, are stored in a database, with future potential for integrating external APIs to expand the bot's knowledge base.

This project highlights the intersection of AI and web development in educational technology, demonstrating how conversational agents can be applied to foster interactive learning environments. Targeted at history enthusiasts, students, and educators, the chatbot makes historical knowledge more accessible and fun through instant fact-sharing and interactive quizzes.

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