

# Intelligent Chatbot

**Dr. Saroja T. V<sup>1</sup>, Abhishek Tupe<sup>2</sup>, Harsh Badapure<sup>3</sup>, Parth Ghorad<sup>4</sup>**

Faculty, Department of Computer Engineering<sup>1</sup>

Student, Department of Computer Engineering<sup>2,3,4</sup>

Shivajirao S Jondhale College of Engineering, Dombivli (E), Thane, Maharashtra, India

**Abstract:** *This project focuses on creating two advanced AI-powered applications for image processing and question and answering. The Vision Application and the Q&A Chat Application integrate the Google Generative AI API, utilizing the capabilities of the Gemini AI suite to enhance user interactions. The Vision Application allows users to upload images and receive detailed AI-driven descriptions. On the other hand, the Q&A Chat Application provides users with the ability to engage in real-time conversations, offering contextually accurate responses. The applications are built using Python and Streamlit, ensuring an easy-to-use and seamless interactive experience.*

**Keywords:** Artificial Intelligence, Natural Language Processing, Chatbot