

AI Chatbot for Student Assistance

ABSTRACT:

With the rise of Artificial Intelligence (AI), chatbots have become an essential tool in education, providing **instant academic support** and assisting students with **course-related queries, exam reminders, and study tips**. Artificial Intelligence (AI) chatbots are transforming the way students access information and receive academic support. This project aims to develop a beginner-friendly AI chatbot designed to assist students with common academic queries, course-related information, and study tips.

The chatbot will be built using Python and Django, with Natural Language Toolkit (NLTK) for basic text processing. It will work by recognizing student queries and responding with predefined answers, making it useful for FAQs, exam preparation, and general guidance. This chatbot serves as a virtual study companion, enhancing the student learning experience by providing quick and accessible information. It is an ideal project for beginners to learn AI-based chatbot development, Django API integration, and basic NLP techniques.

Key Features:

Course & Subject Assistance, Exam & Assignment Reminders, Predefined Responses for FAQ, Simple Web Interface

Guided by

Dr. M Nagaratna
Professor

Submitted by

Sai Surya(23011A0550)
Sai Chaitanya(23011A0551)
Ujwal Raj(23011A0542)
B.Tech II Year CSE(Regular)