

CampusGenie Bot An Intelligent College Enquiry Chatbot

¹Prof. Ashwini Mahajan, ²Karina Balki, ³Rifat Siddiqui, ⁴Astha Rahate, ⁵Priti Munghate

Assistant Prof, Dept. of Computer Science & Engineering¹

Students, Department of Computer Science & Engineering^{2,3,4,5}

Abha Gaikwad Patil College of Engineering and Technology Nagpur, Maharashtra, India.

Abstract: *The digital age demands quick and correct information sharing for schools and colleges. Old-school question-answering methods are slow, rely on people, and don't work well. This study introduces CampusGenie Bot, an intelligent chatbot that makes answering college questions easier and faster. The bot uses Python Flask and Chatterbot, and works with PyMySQL to give instant answers to common student questions about how to apply, what it costs, who can join, job placement numbers, and more. To keep things safe, it uses Flask-WTF ReCAPTCHA to check that users are real, and a login dashboard to make things more personal. We've tested how well and fast it works and works well in real-world situations. This chatbot helps reduce office work while improving things for students*

Keywords: Chatbot, Flask, ChatterBot, College Enquiry, Natural Language Processing, PyMySQL, ReCaptcha, Flask-WTF

