
IBM AICTE PROJECT

COLLEGE ADMISSION AGENT

Presented By:

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**College Name & Department : MIT Academy of Engineering
& Electronics**

OUTLINE

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PROBLEM STATEMENT

Students and parents face challenges getting accurate, up-to-date information about college admissions, eligibility, deadlines, fees, courses, and application steps. Navigating multiple sources and changing requirements can be confusing and time-consuming.

Proposed Solution:

An AI-powered College Admission Agent uses Natural Language Processing (NLP) and Retrieval-Augmented Generation (RAG) to answer admission-related queries, guide users on procedures, and provide official, reliable information from college databases and documents.

TECHNOLOGY USED

- IBM cloud lite services
- Natural Language Processing (NLP)
- Retrieval Augmented Generation (RAG)
- IBM Granite model

IBM CLOUD SERVICES USED

- IBM Cloud Watsonx AI Studio
- IBM Cloud Watsonx AI runtime
- IBM Cloud Agent Lab
- IBM Granite foundation model

WOW FACTORS

This Agent will:

- Greatly simplify the admission process for students and parents.
- Reduce wait times and reliance on admissions staff.
- Provide accurate, up-to-date, consistent information.

Unique features:

- Natural language Q&A about admissions, courses, fees, deadlines.
- Quick document retrieval (eligibility, policy, requirements).
- Step-by-step application guidance.
- Instant access to application forms and deadlines.
- Admission status inquiry support.

END USERS

- High School Students and Parents
- College Admission Counselors
- School and College Administrators
- Academic Advisors

RESULTS

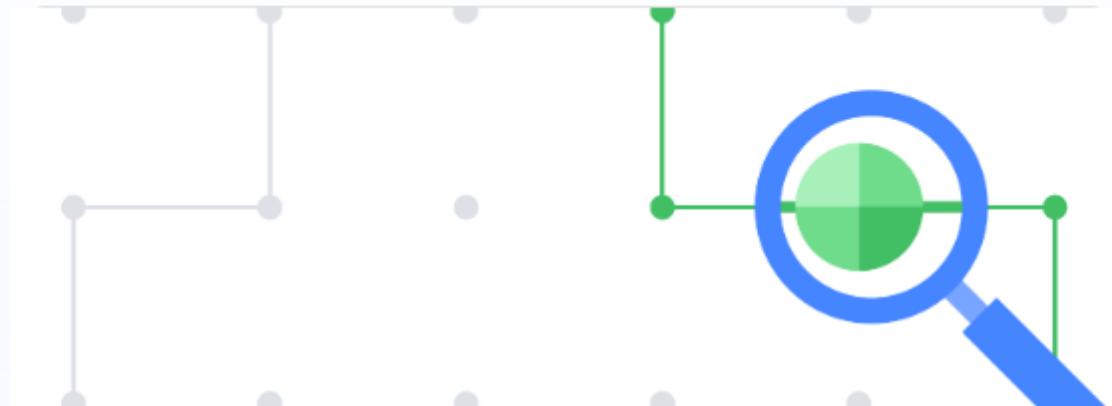
Agent preview



College Admission Agent 07:48 PM

Welcome to College Admission Agent

Welcome! Ask me anything about college admissions, courses, fees, and application procedures.



Type something...




RESULTS

Agent preview

RL You: 08:57 PM

What courses are available for the current academic year?

 College Admission Agent 08:57 PM

As an AI, I don't have real-time access to specific college course catalogs as they can change year by year. However, I can guide you on how to find this information:

1. **College Website:** Most colleges publish their course offerings on their official websites. Look for sections like "Academics," "Undergraduate Programs," or "Course Catalog."
2. **Departmental Websites:** If you're interested in a specific major, visit the department's website within the college. They usually list all the courses they offer.
3. **Contact Admissions:** If you're having trouble finding the information, reach out to the college's admissions office. They can provide you with the most accurate and up-to-date course list.

Type something...



Agent preview

RL You: 08:54 PM

What is the admission process and required documents?

 College Admission Agent 08:54 PM

The college admission process typically involves several steps and requires specific documents. Here's a general overview:




1. **Application:** You'll need to fill out an application form, which can usually be found on the college's official website. Some colleges may use a common application form.
2. **Application Fee:** There's often a non-refundable application fee, which can sometimes be waived for students with financial need.
3. **Transcripts:** You'll need to submit official transcripts from all previously attended schools. This could include high school and any college credits you've already earned.

Type something...



RESULTS

Deployed AI Agent


 IBM watsonx Upgrade   Ravikumar Langade's Acco... Dallas RL

Deployment spaces / College_Admission_Agent / College Admission Agent


College Admission Agent ✓ Deployed Online

API reference Test **Preview**

New chat +

 You 11:14 AM

how to contact the admissions office

 College Admission Agent 11:14 AM

To contact the admissions office, you can typically find their contact information on the college's official website. Look for sections like "Admissions," "Contact Us," or "Get In Touch." Here are some common ways to reach out:

1. **Phone:** Most colleges provide a dedicated admissions phone number. This is often listed directly on their website or in any admissions brochures/pamphlets.
2. **Email:** Many colleges have an admissions email address where you can send your queries. It's usually in a format like admissions@college_name.edu.

CONCLUSION

- The College Admission Agent streamlines the application process, guiding users step by step with reliable data.
- It saves time for both students and administrators, reduces human error, and enhances transparency in communications.
- AI-powered Admission Agents make college admissions easier, more accessible, and more efficient.

FUTURE SCOPE

- Multilingual Support (regional Indian and international languages)
- Personalized admission notifications and reminders
- Integration with academic counseling and course recommendation features
- Mobile app and SMS support for offline/low-connectivity regions
- Automated application status updates

IBM CERTIFICATIONS

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IBM **SkillsBuild**

Completion Certificate



This certificate is presented to
Ravikumar Langade

for the completion of

**Lab: Retrieval Augmented Generation with
LangChain**

(ALM-COURSE_3824998)

According to the Adobe Learning Manager system of record

Completion date: 29 Jul 2025 (GMT)

Learning hours: 20 mins

GITHUB LINK

- Git hub link:

https://github.com/Ravikumarlangade3727/College_Admission_Agent_



THANK YOU