

# College Admission Agent

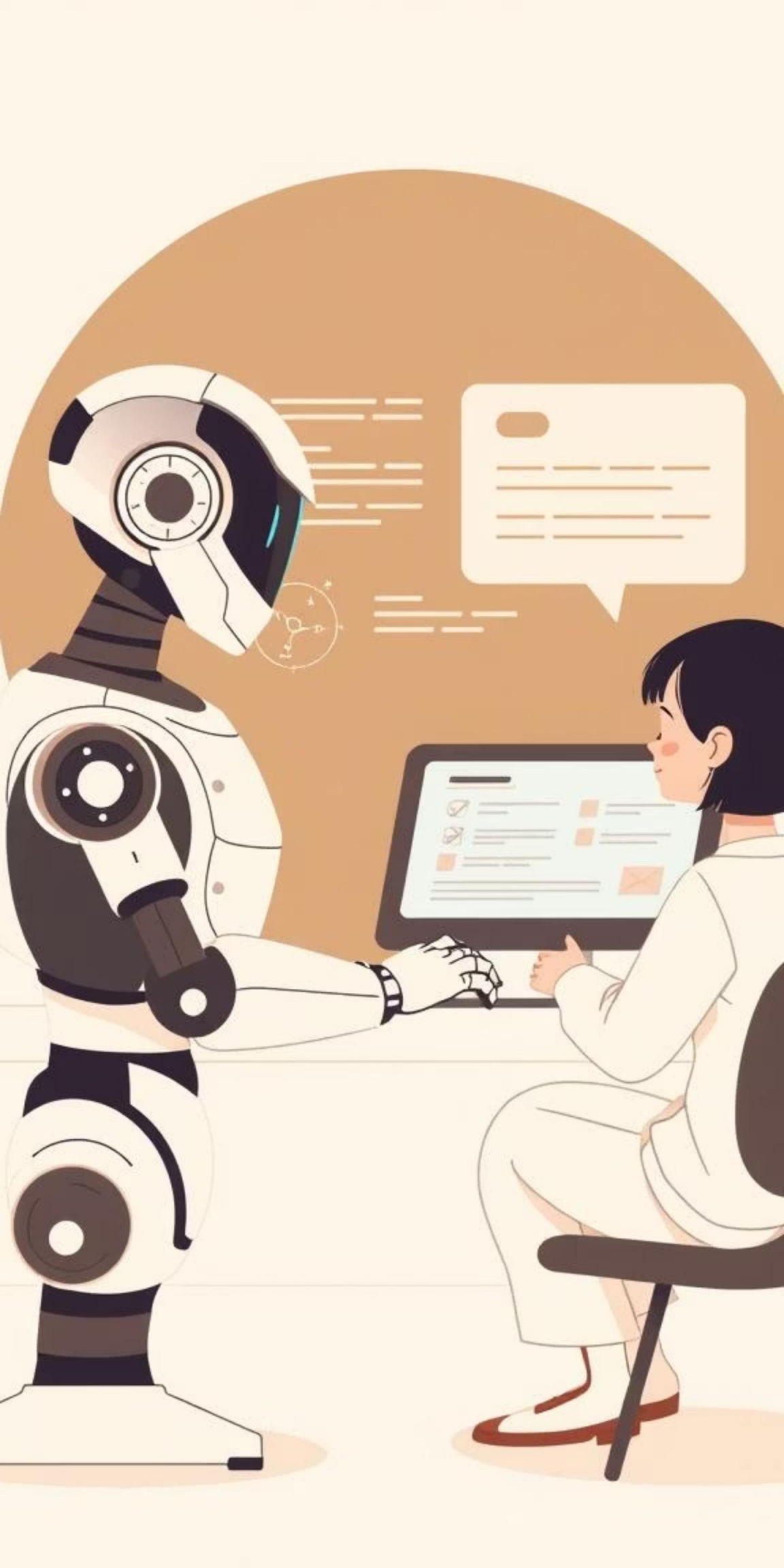
**Presented By:** Anand Bandela

**College Name & Department:** Andhra university college of engineering



## OUTLINE:

- Problem Statement
- Technology Used
- Wow Factor
- End Users
- Result
- Conclusion
- GitHub Link
- Future Scope
- IBM Certifications



## Problem Statement:

Navigating college admissions is often confusing for prospective students due to scattered and complex information across institutional websites. Manual inquiries to admission offices result in delays and inconsistent responses.

**Proposed Solution:** An AI-driven College Admission Agent powered by **Retrieval-Augmented Generation (RAG)** that interacts in natural language, retrieves up-to-date information from official sources, and provides real-time, reliable guidance on admissions, courses, fees, and deadlines.

Technology Used:



IBM Cloud Lite Services



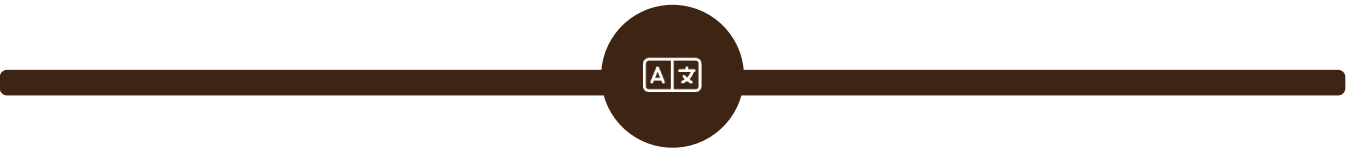
IBM Granite Model



Cloud Object Storage & Functions



Retrieval-Augmented Generation (RAG)



Natural Language Processing (NLP)



Watson Discovery (optional)

## **IBM Cloud Services Used:**

- IBM Watsonx AI Studio
- IBM Watsonx AI Runtime
- IBM AgentLab (for deployment)
- IBM Granite Foundation Model
- IBM Cloud Object Storage
- IBM Cloud Functions

## Wow Factor:



Natural language chatbot for real-time query resolution



Retrieval from trusted institutional documents



Personalized course and application guidance



Reduces human effort in admissions offices



Real-time data sync with university portals



24/7 accessibility from web or mobile





## End Users:

- Prospective College Students
- School Counselors
- Admission Officers
- Parents and Guardians
- University IT/Admin Teams

**Results:**

**Automated Agent  
Deployed**

for answering admission-related  
queries

**Reduced manual workload**  
for staff

**Improved response  
accuracy**

**24/7 support system**  
for students

**Enhanced user satisfaction**  
and transparency



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BA

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AI Model: granite-3-2b-instruct TXT

BA You: 06:53 PM

What are the eligibility criteria for B.Tech?

watsonx 06:53 PM

The eligibility criteria for B.Tech are as follows:

1. Applicants must have completed a 10+2 education system.

2. They need to have studied Physics, Chemistry, and Mathematics as part of their 10+2 curriculum.

3. The minimum percentage of marks required is 60%.

Additionally, it's important to note that these criteria are specific to B.Tech and may differ for other programs like BBA, MBA, MCA, or M.Tech. For instance, for MBA, applicants need to have a Bachelor's degree from any stream and a minimum of 50% marks, along with a valid CAT/MAT/XAT score. For MCA, applicants must have a BCA or any Bachelor's degree with Mathematics at 10+2 or Graduation level, and a minimum of 50% marks. For M.Tech, applicants must have a B.Tech degree in a relevant stream and a minimum of 55% marks.

admission guidelines+

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BA You: 06:54 PM

How can I apply for admission?

watsonx 06:54 PM

To apply for admission, follow these steps based on the provided guidelines:

1. Visit the official college portal for admissions.

2. Register and create an account if you haven't already.

3. Log in to your account and navigate to the application section.

4. Select the program for which you wish to apply (B.Tech, BBA, MBA, MCA, or M.Tech).

5. Fill out the online application form, ensuring you provide accurate information.

6. Upload the necessary documents, such as your 10+2 marksheets and ID proof, as specified in the application form.

7. If required, complete the entrance exam (like CAT, MAT, or XAT) for programs like B.Tech or MBA.

8. Submit your application before the deadline.

Please note that applications must be submitted online, and no offline applications are accepted.

Refresh

admission guidelines+ x

Type something...

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You: 06:55 PM

what is fee structure for B.Tech?

watsonx 06:55 PM

The fee structure for the B.Tech program is ₹1,20,000 per year. This fee includes tuition and other course-related expenses. Please note that hostel fees and exam fees are additional costs that students may incur.

You: 06:56 PM

what is the start of application date and other important dates ?

watsonx 06:56 PM

The important dates for the application process are as follows:

1. Application Start Date: April 1, 2025

2. Last Date to Apply: June 30, 2025

3. Entrance Exam Date: July 10, 2025

4. Merit List Announcement: July 20, 2025

5. Classes Begin: August 1, 2025

These dates are crucial for applicants to plan their application process. It's essential to note that applications must be submitted online through the official college portal before the deadline.

admission guidelines+

Type something...

## Conclusion

The College Admission Agent enhances the admission experience by providing real-time, personalized, and accurate guidance using AI. It improves transparency, reduces manual tasks, and ensures students are well-informed throughout the process.



## Future Scope



Multilingual support for regional users



WhatsApp/SMS/Voice bot integration



Predictive suggestions based on student profile



Integration with college ERP systems



Real-time updates from admission departments



AI-based document submission assistance



## IBM certifications:

In recognition of the commitment to achieve professional excellence



**Anand Bandela**

Has successfully satisfied the requirements for:

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Journey to Cloud: Envisioning Your Solution

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Issued on: Jul 18, 2025  
Issued by: IBM SkillsBuild

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IBM SkillsBuild	Completion Certificate
	This certificate is presented to <b>Anand Bandela</b> for the completion of <b>Lab: Retrieval Augmented Generation with LangChain</b> (ALM-COURSE_3824998) According to the Adobe Learning Manager system of record
Completion date: 18 Jul 2025 (GMT)	Learning hours: 20 mins

Git hub link: [IBM-cloud-college-admission-agent](#)

*Thank you*