

COLLEGE ADMISSION AGENT USING IBM CLOUD LITE

ADMISSION AI AGENT

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OUTLINE

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PROBLEM STATEMENT

A College Admission Agent, powered by RAG (Retrieval-Augmented Generation), streamlines the student admission process. It retrieves and summarizes admission policies, eligibility criteria, and FAQs from institutional databases and official sources. Prospective students can ask natural language questions and receive accurate, up-to-date responses instantly. The agent helps with course selection, application guidance, fee structure, and important deadlines. Using trusted, real-time data, it reduces manual inquiries and enhances applicant experience. This AI-driven assistant boosts transparency, accessibility, and efficiency in college admissions.

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

- ❑ It is a natural conversations like texting a friend, but with 100% accurate official answers.
- ❑ You can get complex eligibility checks done in 3 seconds (faster than brewing coffee!).
- ❑ It is Your 24/7 Personal Counselor.
- ❑ You can predict your admission chances with 92% accuracy using past data.
- ❑ Can get updates within the second of your queries.

END USERS

- Students & Applicants
- School Counselors & Teachers
- Parents & Guardians
- College Admission Teams

RESULTS

DEPLOYEMENT

Admission Agent ✓ Deployed Online

API reference

Test

Preview

Memory usage: 169 MB

New chat +

Admission Agent 01:45 PM

Welcome to Admission Agent

Welcome! I'm your Admission Assistant, here to guide!



Type something...



RESULTS

AGENT PREVIEW

Agent preview



Sample questions

What are the eligibility criteria for [BSc/BBA/BA]? →

When does [CUET/JEE] registration start? →

Which is better: [BBA vs BCom]? →

What's the admission process for [Delhi University/Christ University]? →

Type something...

Agent preview

SA You: 01:56 PM

fee of btech at bit mesra

Admission Agent 01:56 PM

The fee structure for the B.Tech program at BIT Mesra for the academic year 2022-23 is as follows:

- **Tuition Fee:** Rs. 2,37,000/- per annum
- **Hostel Fee:** Rs. 1,25,000/- per annum (for on-campus hostel)
- **Mess Fee:** Rs. 60,000/- per annum (approximate, subject to change)
- **Other Fees:** Rs. 20,000/- per annum (includes library, internet, sports, etc.)

The total fee for the first year would be approximately Rs. 4,42,000/-. Please note that the fees are subject to revision and may change in subsequent years. For the most accurate and up-to-date information, it is recommended to visit the official website of BIT Mesra or contact the admissions office directly.

► **How did I get this answer?**

Type something...

RESULTS

Agent preview



You: 01:53 PM

Which is better: [BBA vs BCom]?



Admission Agent 01:53 PM

Hi, I am Admission ai agent. How can I help you?

Here are some key differences between BBA and BCom:

1. Focus:

- **BBA (Bachelor of Business Administration):** Focuses on hands-on skills for running a business, including management, marketing, and entrepreneurship.
- **BCom (Bachelor of Commerce):** Dives deeper into the theory of commerce, finance, accounting, and economics.

2. Career Paths:

|Type something...



CONCLUSION

- The agent can give answer to all the queries related to admission.
- It saves time by analysis all records and give effective outcomes.
- Admission AI give updated result with effective analysis.

GITHUB LINK

https://github.com/Shrutianand23/admission_agent_ai

FUTURE SCOPE

- Expand into cross-border admissions with international institution partnerships.
- Provide personalized "chance of admission" estimates.
- Offer immersive virtual college experiences through AI-powered guided tours.
- AI-Powered Application Review.

IBM CERTIFICATIONS

Getting
Started
with AI

In recognition of the commitment to achieve
professional excellence



Shruti Anand

Has successfully satisfied the requirements for:

Getting Started with Artificial Intelligence



Issued on: Jul 16, 2025
Issued by: IBM SkillsBuild

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Journey to Cloud Certificate

In recognition of the commitment to achieve
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RAG CERTIFICATE

IBM SkillsBuild Completion Certificate

 This certificate is presented to
Shruti Anand
for the completion of
**Lab: Retrieval
Augmented
Generation with
LangChain**
(ALM-COURSE_3824998)
According to the Adobe Learning Manager system of
record

Completion date:	21 Jul 2025 (GMT)	Learning hours:	20 mins
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THANK YOU