

# **LIA Plus AI Prompt Engineering Assignment: Nursing College Admission Conversational Flow**

Name: Praneth Chandra Veladandi

Reg no. : 12202391

## **Introduction:**

A conversational flow description has been outlined for the AI-driven assistant to anchor prospective nursing students going through the Nursing College admission process in line with the Lia Plus AI Prompt Engineering Assignment. The flow is aimed at ensuring clear communication, multi-step query handling, a professional yet user-friendly tone, accurate information delivery, and smooth navigation through complicated information.

## **Response Handling:**

- Positive Responses ("Yes," "Haan," "Yeah", "Tell me more," "Kya hai," "Batao," etc.): Proceed to eligibility check.
- Negative Responses ("No," "Nahi"): Assistant says, "Thank you for this time! Should you have any questions about our programs in the future, please do not hesitate to contact us." (Conversation ends.)

## **Conversational Flow:**

### **❖ Interaction**

- **Assistant:** Would you like to take admission in Nursing College? Please answer
- **Response Handling:**
  - **Positive Response:** Proceed to next step
  - **Negative Response:** Conversation ends. "Thank you for interacting , Have a nice Day!"

## **Step 1 - Eligibility Check:**

- **Assistant:** Have you studied Biology in 12<sup>th</sup> grade?
- **Response Handling:**
  - **Positive:** Proceeds to next step(B.Sc.Nursing Program).
  - **Negative:**
    - **Assistant:** For admission in B.Sc. Nursing, Biology is required. Sorry to hear this, you were not eligible for admission. Have a nice day!.
- **Assistant:** Would you like to know about the program? Perhaps you have other questions
- **Response Handling:**
  - **Positive:** Proceeds to next step.
  - **Negative:** "Thank you for your interest! Please feel free to contact us if you have questions in the future."

## **Step 2 - Program Details:**

- **Assistant:** Wonderful! This is a full-time professional course and will ensure that you get training for your career in Nursing. Or would you like to know more about the program, such as the curriculum or the duration of the program?
- **Response Handling:**
  - **Positive Response:** "The course is of 4 years duration; teaching nursing theory, practical skills, and clinical training," and then moving on to the third step, Fee Structure.
  - **Negative Response:** Assistant responds, "Alright, no problem! Would you like to know about the fee structure for the B.Sc.Nursing program instead?"
    - If user says "Yes" or equivalent, proceed to Step 3
    - If user says "No" or "Nahi," end with, "Thank you for your interest! Feel free to reach out if you have more questions later."

## **Step 3 - Fee Structure:**

- **Assistant:** The detailed fee structure for B.Sc. Nursing is as follows:
  - Tuition Fee: ₹60,000 INR
  - Bus Fee: ₹10,000 INR
  - Total Annual Fees: ₹70,000 INR

The fee schedule is in three instalments:

- 1st Installment: ₹30,000 (due at the time of admission)
- 2nd Installment: ₹20,000 (due after the first semester)
- 3rd Installment: ₹20,000 (due after the second semester)

Would you like to hear about the payment procedures and options, or maybe any scholarships offered?

- **Response Handling:**
  - **Positive Response:** proceed with Step 9 (Scholarship Options)
  - **Negative Response:** Assistant responds with, "Got it! Would you like to learn about our hostel and training facilities?"
    - If the user says "Yes" or equivalent: proceed with Step 4.
    - If the user says "No" or "Nahi": conclude it with a "Thank you for your time! Let us know if you need further assistance."

## **Step 4 - Hostel And Training Facilities:**

- **Assistant:** The college provides the most excellent hostel facilities:
  - 4x7 water and electricity supply.
  - CCTV surveillance for security.
  - Warden available on-site.

Further, the B.Sc.Nursing Program includes hospital training in the actual environment; students get to work with real patients to gain practical experience.

"Would you like to know more about the training locations?"

- **Response Handling:**
  - **Positive Response:** Go on to Step (Clinical Training Locations)

- **Negative Response:** Assistant says, “Alright! Would you like to know about the college’s location?”
  - If user says, “Yes,” or equivalent, go to Step 5.
  - If user responds, “No,” or “Nahi,” end the conversation with, “Thank you for your interest! Feel free to contact us anytime.”

### Step 5 - College Location:

- **Assistant:** The Nursing College is in Delhi, a bustling place blessed with connectivity and resources. Do you want to learn about the location and its surroundings?
- **Response Handling:**
  - **Positive Response:** Provide brief details ("The college is situated in a well-connected area of Delhi, with good public transport options and all amenities nearby.") and then proceed to Step 6.
  - **Negative Response:** Assistant says, "Okay! Would you like to know about the college's recognition and accreditation?"
    - If the user agrees ("Yes," etc.), proceed to Step 6
    - if the user says "No" or "Nahi," end with, "Thank you for your time! We're here if you need us."

### Step 6 - Recognition And Accreditation:

- **Assistant:** The Nursing College is accepted by the Indian Nursing Council, Delhi, under the Government of India, ensuring quality in education and training. Would you like to hear more about the accreditation or other features of the program?
- **Response Handling:**
  - **Positive Response:** Brief information is given, for example, "The INC recognition ensures our curriculum meets national standards for nursing education," then go to Step 7.
  - **Negative Response:** The assistant says, "Got it! Would you want to know about our clinical training locations?"
    - If "Yes," etc., continue to Step 7
    - If "No," "Nahi," then say, "Thank you for your interest! Please feel free to get back to us later."

### Step 7 - Clinical Training locations:

- **Assistant:** Our students receive clinical training at top facilities, including:
  - District Hospital (Backundpur)
  - Community Health Centers
  - Regional Hospital (Chartha)
  - Ranchi Neurosurgery and Allied Science Hospital (Ranchi, Jharkhand)
 This training assures varied and widespread experiences. Shall we move onto the scholarship options?
- **Response Handling:**
  - **Positive Response:** Proceed to Step 9 (Scholarship Options).

- **Negative Response:** the assistant says, "Alright! Would you like to know about the total seats available or other eligibility criteria?"
  - If the user says "Yes" or any cognate terms, proceed to Step 8.
  - If the user says "No" or "Nahi," close out with "Thank you for your time! We're here to help anytime."

### Step 8 - Total Seats Available:

- **Assistant:** The B.Sc. Nursing program has 60 seats. Would you like to go ahead and the eligibility criteria for admission?
- **Response Handling:**
  - **Positive Response:** Deals with Step 9 (Eligibility for Admission).
  - **Negative Response:** Assistant says, "Okay! Would you like to know about scholarship options?"
    - If "Yes," or parallel, goes to Step 10.
    - If "No," or "Nahi," then end with a "Thank you for your interest! Feel free to contact us for more details."

### Step 9 - Eligibility For Admission:

- **Assistant:** For eligibility for the B.Sc Nursing program, the following criteria should be fulfilled:
  - Age: 17 to 35 years
  - PNT Exam (must be passed)
  - Biology in 12th grade.

Would you like to hear about scholarships that are available to finance your studies?
- **Response Handling:**
  - **Positive Response:** Go on to Step 10 (Scholarship Options).
  - **Negative Response:** Assistant would respond, "Thank you for looking into our B.Sc Nursing program! Should you have any more questions or require assistance with the application process, please let us know" (Conversation ends).

### Step 10 - Scholarship :

- **Assistant:** We offer the following scholarship options:
  - Government Post-Matric Scholarship (₹18k-₹23k)
  - Labour Ministry Scholarships (₹40k-₹48k) for those with Labour Registration.

"You may apply for the scholarships through the college's admission offices or through the online portals." The assistant then may carry on with other topics if need be.

"Thank you for exploring our BSc Nursing program! Should you require further assistance or help with the application process, do not hesitate to contact us." (End of Conversation.)