

# Assignment 1

CS9.434: Music, Mind and Technology

**Due: January 24, 2025**

January 10, 2025

## General Instructions

- The deadline is final and will not be extended.
- File format for submission: `<rollnumber>-a1.pdf`
- **Usage of AI tools:** If you utilize LLMs to any extent, briefly document the prompts you used and how you integrated or corrected the AI's suggestions.

## Tips for Students

- **Be concise but thorough:** Stick to the key points; show you understand the abstracts without excessive copying.
- **Use AI wisely:** If you're leveraging LLMs, always check for accuracy and verify the responses.
- **Show your thinking:** Evaluation emphasizes your own critical reasoning, practical modifications, and innovative questions.

## 1 Task

The proceedings of the 16th International Conference on Music Perception and Cognition (ICMPC) are linked [here](#). All the abstracts are linked in pages 24-39.

### 1.1 Engaging with the Abstract (4 x 5 = 20 marks)

List and link **four** abstracts that interest you the most.

1. **Summarize** (approx. 100 words)  
State each abstract's main research question, method, and key findings.

2. **Critique (Agree/Disagree)**

Briefly explain whether you find the argument convincing or not, and why (cite one clear reason).

3. **Key Insight**

Identify one strength or limitation you see in the study (e.g., scope, methodology, assumptions).

## 1.2 Extending the Abstract (2 x 15 = 30 marks)

From the same proceedings, select **two** abstracts that you believe could be adapted for research at IIIT. For each:

1. Local Adaptation

- Propose how you would modify the study (or its methods) so it can be conducted at IIIT.
- Consider resources, participant availability, cultural context, or technical constraints.

2. Outcome Variation

- Describe how and why you expect the results or insights might differ from those reported in the original abstract.
- Reference local factors (e.g., specific demographics, institutional focus, technology access).

3. Further Inquiry

- Pose one research question or hypothesis that extends the original idea.
- Explain why this follow-up is important or interesting in the IIIT setting.