



## Participant Consent Form

**Project:** Audio based Navigation: Learnability and Working Memory

**People:** Sanchit Aggarwal<sup>2</sup>, Koustav Ghosal<sup>2</sup>, Anoop Namboodari<sup>2</sup>, & Priyanka Srivastava<sup>1</sup>

**Center/ Lab:** 1. Cognitive Science Lab; 2. Center for Visual Information Technology

**Institute:** International Institute of Information Technology, Hyderabad

**It is our great pleasure to welcome you to be a part of this research**

### Purpose

The purpose of this study is to examine the role of working memory and modality in learning while performing an “ audio-based navigation” task in a simulated environment. The study is part of a research project aims to design an efficient and user-friendly audio-based system for understanding indoor scenes. The current study is under the supervision of Priyanka Srivastava, PhD and Anoop Namboodiri, PhD.

### Procedure

If you agree to be a part in this study, you will be requested to do the following:

- Fill the Required Personal Information about yourself.
- Listen to the sounds. Respond to the sounds by pressing the required keyboard input.
- Fill the Feedback form at the end of the experiment.

The total time required to complete the study will be approximately 35-40 minutes including instructions.

**Please keep in mind that your personal information will be kept confidential. Your data will be solely used for the research purpose.**

### Benefits/Risks to Participant

The study involves two benefits:

1. Participants will learn about the Audio based navigation. The data from current study will help us develop an audio-based navigation system by understanding of auditory cognition for scene understanding.
2. Theoretical understanding of auditory cognition.

The study involves very minimal risks:

1. Audio-sounds may cause discomfort while listening or responding
2. Sitting for 40 minutes may cause discomfort.

*To minimize the discomfort, participants will be given 5 minutes break in the middle of experiment.*

### Voluntary Nature of the Study/Confidentiality

Your participation in this study is entirely voluntary. You may refuse to complete the study at any point during the experiment. You may also stop at any time and ask the researcher any questions you may have. Your name will never be connected to your results or to your response to the stimuli. Your data will be stored with unique anonymous User ID. The data will be accessible only to those working on the project.



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### Contacts and Questions

At this time you may ask any questions you may have regarding this study. Further, if you have any query please do not hesitate to contact us for detail.

### You can reach us on following contact details:

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| a) Student: Sanchit Aggarwal,<br>Mobile: +91-9581417330<br>Email: sanchit.aggarwal@research.iiit.ac.in | c) Supervisor: Priyanka Srivastava, PhD<br>Mobile: +91-8106256312<br>Email: priyanka.srivastava@iiit.ac.in |
| b) Student: Koustav Ghosal<br>Mobile: +91- 8125342659<br>Email: koustav.ghosal@research.iiit.ac.in     |  |

### Statement of Consent:

I have read the above information. I have asked any questions I had regarding the experimental procedure and they have been answered to my satisfaction. I consent my child/ student(s) to participate in this study.

Unique User Id: \_\_\_\_\_

Date: \_\_\_\_\_ Age range of student(s): \_\_\_\_\_

Name of Participant/ Guardian/ Teacher: \_\_\_\_\_

Signature of the Guardian/ Teacher: \_\_\_\_\_

**We sincerely show our gratitude for your participation.  
Thank you very much for your precious time and contribution.**

**Have a Good Day!**