

# LICENSE AGREEMENT FOR NON-COMMERCIAL RESEARCH USE OF **MultiModel Hate Speech dataset**

## **Introduction**

Multimodality is highly effective in detecting hate speech. we have generated both hate and non-hate speech samples by transforming text excerpts from the ToxiGen dataset into audio representations. 1000 random text samples belonging to both hate and non-hate classes are selected to generate the audio samples, comprising 502 non-hate sentences and 498 hate sentences. We utilized the Speech T5 pre-trained model to transform the text into audio, achieving seamless conversion through advanced language processing techniques. Within the SpeechT5 framework, various speakers are available, including two distinct male voices, BDL and RMS, and two female voices, CLB and KSP, along with a Surprise Me! voice. To ensure a comprehensive evaluation, we generated the audio dataset using four distinct voices: two male voices (BDL and RMS) and two female voices (CLB and KSP). We utilized both the male voices, BDL and RMS, and generated 1,000 audio samples for each using a specific set of texts. Similarly, employing the same set of 1,000 texts, we generated audio using the CLB and KSP female voices.

## **Dataset Details**

- The total number of samples: 4000 ( 1992 Hate, 2008 Non-Hate),
- 2 types of male voices (BDL and RMS)
- 2 types of female voices (CLB and KSP)
- CSV file: Consists of text sentences and labels (Hate or Non-Hate).

## **Consent**

The researcher(s) agrees to the following conditions to use the multimodal hate speech dataset:

1. The dataset is valuable intellectual property.
  2. The researcher(s) shall have no rights with respect to the dataset or any portion thereof and shall not use the dataset except as expressly outlined in this agreement.
  3. License subjects must adhere to the terms and conditions outlined in this agreement:
- A. The dataset is only for non-commercial research use and is available to those direct research colleagues who belong to the same research institution and have adhered to the terms of this license.
  - B. The dataset will not be copied nor distributed in any form other than for backup.
  - C. The dataset will only be used for research purposes and will not be used nor included in commercial applications in any form.
  - D. Any work made public, whatever the form, based directly or indirectly on any part of the dataset will include the citation of the following references:

- Kirtilekha Bhesra, Akshay Agarwal, “A Multi-Modal Framework to Counter Hate Speeches”. In IEEE International Conference on Pattern Recognition (ICPR), 2024.

**Note:** Have the license agreement reviewed and signed **by an individual authorized to make legal commitments on behalf of your institution.** Your institution's legal office must review and execute the license. **The signature of the Director, the Registrar, or the Head of the Department with the university seal is also accepted.**

I hereby accept to adhere by the terms and conditions of this license agreement.

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NAME and DESIGNATION (in capitals)

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SIGNATURE and DATE

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ORGANIZATION and ADDRESS

Please scan and email the executed agreement to [akagarwal@iiserb.ac.in](mailto:akagarwal@iiserb.ac.in)