

## **CSEDU:: Bangla Speech Recognition System**

This is still a small vocabulary speech to text system. It recognizes any sequence of the first 51 Bangla numbers (শূন্য - পঞ্চাশ).

### **Requirements:**

1. Java Runtime Environment
2. Likhan font

### **For Batch-mode testing follow these steps:**

1. Run 'Sound Recorder' (Program Files -> Accessories -> Entertainment)
2. Record your speech, you can utter any number of 'numbers' in any arbitrary order.
3. To save the recording proceed as follows:
  - a. Goto File-> Save As
  - b. Click on "Change" to change the format
  - c. From Attribute drop down list choose 16.000 kHz, 16 Bit, Mono
  - d. Give "test" as filename (without the quote)
  - e. Save the file in "Batch-mode" directory
4. Now run BanglaSpeech2Text.exe

### **Troubleshooting:**

If the recognition output doesn't even match 50% of what you said then make sure that:

1. You saved the file with the correct format and in the correct directory.
2. Your microphone recording volume is high.
3. Noise suppression is not enabled by your Audio Manager. Open your audio manager and uncheck 'Noise Suppression' and 'Acoustic Echo Cancellation' options.

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