

Spectrographic analysis of speech :

Procedure:

1. Click on the site "Spectrum Anlayzer.html" to open the analyzer.
2. Accept the permissions to access the microphone in the browser.
3. Do the same before step -2 again.
4. Click on the ref_level button for reference level of the waveform.
5. Scroll or type the value into the box for the db_min to display the decibel minimum value.
6. Scroll or type the value into the box (db_range) to display the decibel range.
7. Scroll or type the value into the box (Freq_min_cents) to display the minimum frequency of the waveform.
8. Scroll or type the value into the box (freq_range_cents) to display the range of the frequency of the waveform.
9. Click on the drop down button to choose on the block_size.
10. Click on the drop down button blocks_per_fft to choose the value.
11. Click on the tonetest button to generate tonetest for the spectrogram.
12. Click on the tonetest stop button to stop the tonetest for the spectrogram.
13. Click on the "Click here for getting the spectrogram through an input file", as it opens a page.
14. Click on the analyze button to analyze the given audio file.
15. Click on the drop down menu for changing the frequency of the spectrogram.
16. Click on the buttons which are having words to display the spectrogram of the particular word I.e videsh, mantraye, phir , kahan , pravarthaleye.
17. Click on the site in the below to get the waveform of the audio file.
18. Click on start button to start the waveform.
19. Click on the stop button to stop the waveform.
20. Click on the back button of the browser.
21. Click on the button in the bottom to go back to the spectrogram with microphone.
22. Again the whole process will start from the first.