

# SHRI VISHNU ENGINEERING COLLEGE FOR WOMEN

BATCH - 8

SHINING SHIMMERS

# Speech Emotion Recognition

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# Day1 Progress

- In this project, we will use the libraries librosa, soundfile, and sklearn, keras to build a model.
- This will be able to recognize emotion from sound files.

# Dataset

- In this project, We use RAVDESS dataset; this is the Ryerson Audio-Visual Database of Emotional Speech and Song dataset.
- This dataset has 7356 files rated by 247 individuals 10 times on emotional validity, intensity, and genuineness.
- The entire dataset is 24.8GB from 24 actors.

# Extracting Features

- Feature Extraction aims to reduce the number of features in a dataset by creating new features from the existing ones (and then discarding the original features).

# Loading the Dataset

- Upload dataset into a folder in google drive
- Link the google drive with colab
- Run the drive link cell in google colab notebook