



# Basic Details of the Team and Problem Statement

**Ministry/Organization Name/Student Innovation:**

National Technical Research Organisation,(NTR0)

**PS Code:**1456

**Problem Statement Title:**

Speech to text transcription for Indian languages. The problem entails transcription in the native script and then translation to English. The languages of interest are Hindi, Indian English, Urdu, Bengali, Punjabi.

**Team Name:**

**Team Leader Name:** Abdul Shookur M

**Institute Code (AISHE):** U-0725

**Institute Name:** Reva University

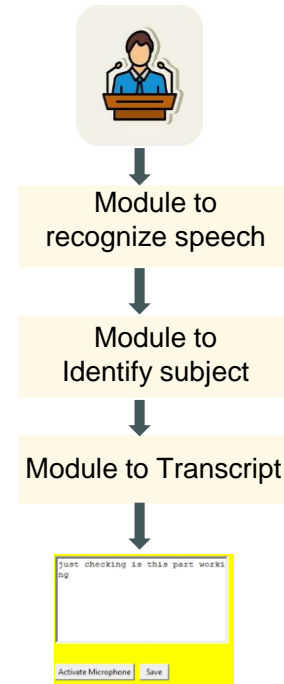
**Theme Name:** Miscellaneous

Add process flow chart or simulated image of  
prototype or any relevant image related to  
your idea

# Idea/Approach Details

## Describe your idea/Solution/Prototype here:

- Initial we will take regional language speech to English text.
- We train our BOT to identify the subject in it.
- Using supervised Machine learning, we train our BOT find the meaning of it in regional language.



## Describe your Technology stack here:

- Github
- Stackover flow
- Google collab
- Virtual studio

# Idea/Approach Details

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## Describe your Use Cases here

- oral content creator can transcript the content to one regional language to another language.
- A person having knowledge of only one regional language, by using our software. he/she can read it out another regional language in there devices.
- Subtitles can be generated in there own regional language.

## Describe your Dependencies / Show stopper here

- tkintetr
- pyttsx3
- speech\_recognition

# Team Member Details

## Team Leader Name: Abdul shookur M

Branch (Btech/Mtech/PhD etc): Btech

Stream (ECE, CSE etc): ECE

Year (I,II,III,IV): I

## Team Member 1 Name: Shaik shahidh Siddique

Branch (Btech/Mtech/PhD etc): Btech

Stream (ECE, CSE etc): ECE

Year (I,II,III,IV): I

## Team Member 2 Name: Shreyas Krishna G

Branch (Btech/Mtech/PhD etc): Btech

Stream (ECE, CSE etc): ECE

Year (I,II,III,IV): I

## Team Member 3 Name: Vivek M A

Branch (Btech/Mtech/PhD etc): Btech

Stream (ECE, CSE etc): ECE

Year (I,II,III,IV): I

## Team Member 4 Name: Mahesh M

Branch (Btech/Mtech/PhD etc): Btech

Stream (ECE, CSE etc): ECE

Year (I,II,III,IV): I

## Team Member 5 Name: Prerita P

Branch (Btech/Mtech/PhD etc): Btech

Stream (ECE, CSE etc): ECE

Year (I,II,III,IV): I

## Team Mentor 1 Name: Dr. Chaya R

Category (Academic/Industry): Academic  
years): 10 years

Expertise (AI/ML/Blockchain etc): Machine learning

Domain Experience (in