

# DRONACHARYA COLLEGE OF ENGINEERING

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## PROJECT ABSTRACT

Text to speech converter and pdf to speech converter

This project is simply for converting user input text to audio and user input pdf to audiobook using Python

For this project we include some library of python like gtts

Python provides many APIs to convert text to speech. The Google Text to Speech API is popular and commonly known as the **gTTS API**.

It is very easy to use the tool and provides many built-in functions which used to save the text file as an mp3 file.

We don't need to use a neural network and train the model to convert the file into speech, as it is also hard to achieve. Instead, we will use these APIs to complete a task.

To convert text files into, we will use another offline library called **pyttsx3**.

it is very easy to use; we need to import it and pass the gTTS object that is an interface to the Google Translator API. and also import playsound

**Convert PDF to Audiobook using Python**

To convert a PDF to an audiobook you need to install some Python packages; **pyttsx3**,

**PyPDF2 & pdfplumber**. All these packages can be easily installed by using the pip command

After installing the above packages let's import them and get started with the task

we need to loop through the number of pages in the audiobook and then convert them into audiobooks by using text to speech: