**ABSTRACT-**

This application helps people that are visually challenged to carry on the tasks for which they are dependent on someone else to be done. This application covers the processes such as text-to-speech conversion for office documents, library books, and any other printed text document and campus tours for the students’ using audio output. This system can also be used for identifying any teacher based on the Face recognition concept and voicing out their details to the student. This complete system will majorly focus on the visually impaired students and help the students who are visiting the college for the first time. The development of this application aims to replace manual involvement with audio, and students do not need to rely on another person to complete the process.

**INTRODUCTION-**

With advances in new technology, mobile devices have grown in recognition to emerging as one of the maximum commonplace customer devices. Cell telephones are an essential part of cutting-edge lifestyles. Proposed is an android application that helps voice commands. The utility is evolved for visually impaired human beings. After unlocking the mobile telephone, the application can be launched with voice commands. The structures accept voice commands and volume button actions to perform operations according to them. For acting the further task, it first translates the voice into textual content, producing output in the form of voice. It performs simple features such as a campus tour of the college. We will use the concept of image processing to train our model to detect the different places inside the campus. This will help the visually impaired students to know about the campus, and by using this functionality, the visually impaired students will be independent enough to explore the campus on its own. In the next functionality, we have a concept of Teacher recognition which uses the concept of face detection, which uses image recognition and computer vision. The next functionality is Text to Speech recognition using which the student can scan any printed document and convert it to speech, and this functionality will support the students for documentation in the office and the library. The last functionality is about how the user will navigate through the landing page.

**PROBLEM STATEMENT: -**

The primary hassle of humans that are visually challenged is that they may be dependent on someone else in any academic manner, for instance, filling up the institutional form or for a campus tour. This software enables the students to carry out the tactics independently audio-based total input is been provided so that there is no guide involvement, and the techniques may be finished conveniently. Audio assessments may be completed so that there may be no need for an author. This is how the software facilitates triumph over the demanding situations faced using visually challenged college students.