**EXPERT SYSTEM FOR VISUALLY CHALLENGED USING AI**

We have selected the topic of Expert systems for the Visually Challenged using AI. In this, we are going to build a mobile application as an expert system for the visually impaired **students of CHRIST university**. We have planned to include four functionalities **(modules)** in this **expert system**. The first functionality is the 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 used by this functionality the 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, this functionality will support the students for documentation in the office and in the library. The last functionality is about how the user will navigate through the landing page. This complete system will majorly focus on the visually impaired students and help the students who are visiting the college for the first time.