

# Voice Based Email System for Blind

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**Abstract:** *The communication among people is sharing of information. The Internet is widely used in almost all communication applications. E-mails are the most widely used and reliable way to communicate with each other. The usage of email is quite easy for regular users but when it comes to the visually impaired persons they are unable to access the system. For those visually impaired people, we are presenting the voice based email system under the principle of voice controlling. The mails which are present in our Gmail accounts those all text mails are converted into speech (Voice) and spoken by the assistant in our systems. The system is totally based on voice reaction which will make it easy to use and effective to utilize. The people who are visually impaired persons are easy to access this voice based email system and can able to listen the all mails present in the inbox in form of voice. This will provide easy accessibility to the visually impaired persons in the world. The Contribution made by the research has enabled the blind people to send and receive voice based email messages in their native languages with the help of computer.*

**Keywords:** Speech Recognition, Text to Speech, Voicemail, Visually Impaired people

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