

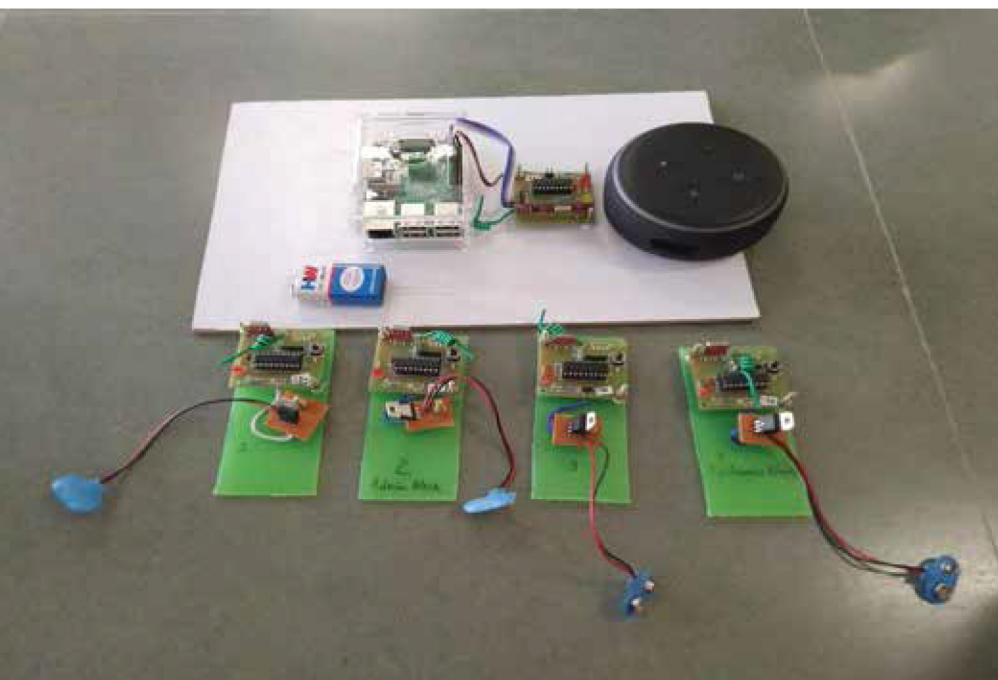
GPS navigation apps have proven to be lifesavers. With a GPS enabled system in hand, it is easy to find your way to a destination, even in an unfamiliar city. However, it is still easy to get lost indoors, where GPS satellite signals are not accurately traceable by the navigation system.

Indoor navigation deals with navigation within the buildings. Contrary to GPS, however, they also enable you to determine the actual floor level. It includes an indoor routing functionality that automatically detects their exact position and guides people precisely through a building.

Alexa based navigation system provides low-cost, user friendly indoor navigation services. The user can easily find the correct path to their destinations by simply following the instructions from Alexa.

### Features

- This system is powered using Amazon Echo, Amazon's cloud services and its speech services.
- Raspberry pi, RF Transmitter, RF Receiver are the hardware components



# 80 PROJECT

## ALEXA BASED INDOOR NAVIGATION SYSTEM

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