

# KIRAN KOUJALGI



## OBJECTIVE

To work for a professional organization that offers challenging opportunities, an excellent cooperative working environment to utilize my knowledge, enabling me to improve my abilities, develop my functionality and improve the organization plans and work procedures.

## PROJECTS

### ➤ Train Restaurant Hubli. (Pruthvi Paradise Hubli)

The food is delivered to customers table by toy train, which run on dc power, To control the trains direction we change polarity of the power supply and this way the full system becomes very easy to control and operate. Played key role in leading the project as head of the project.

▶ <https://youtu.be/BmlbHb33wpk>

### ➤ Automated Guided Vehicle (AGV) for Food & Medicine supply (Installed in KIMS covid-19 ward)

Designed and developed Automated Guided vehicle (AGV named as PRADHAYA) for use in COVID-19 Wards at KIMS hospital Hubli.

we have implemented line following system using industrial grade IR sensor, which detects and moves in the direction of the line. The whole system is controlled by Arduino mega which is very easy to code and install. the AGV can be given command to go and delivery the food and medicine to specific bed.

The AGV was inaugurated by Minister of Large and Medium Scale Industries (2020) Jagadeesh Shetter.

### ➤ Portfolio

- Design And developed my portfolio by using HTML and Tailwind CSS

### ➤ Guess the hidden number

- Developed program like game itself choose a number then player should guess the number, if guess is correct then game over otherwise it continues until correct guess. Python is used to build.

### ➤ Hangman

- This is a Python script of the classic game "Hangman". The word to guess is represented by a row of dashes. If the player guess a letter which exists in the word, the script writes it in all its correct positions. The player has 10 turns to guess the word

## CONTACT

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## SKILLS

- Python
- HTML
- CSS
- SOLIDWORKS
- JAVASCRIPT

## TOOLS

- VS CODE
- pycharm

## EDUCATION

### MECHANICAL ENGINEERING

K L E TECHNOLOGICAL UNIVERSITY

### DIPLOMA IN MECHANICAL

C I M POLYTECHNIC