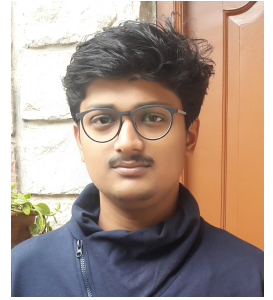


# Kiran S Patil

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Sharda Building,  
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Saraswati Nagar,  
Belgaum-591108,  
Karnataka  
Contact:- +919535413763  
kiran.suvas.patil@gmail.com



## OBJECTIVE

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An Electronics and Communication third-year undergraduate student seeking to pursue a career in the field of Robotics, Embedded Systems and Deep Learning.

## EDUCATION

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Degree	College/School	University/Board	Passing Year	Percentage
B.E (Electronics and Communication)	KLS Gogte Institute Of Technology, Belgaum	Autonomous Under Visvesvaraya Technological University	2019	8.23 CGPA (1st-sem to 5th-sem)
12 <sup>th</sup>	Kendriya Vidyalaya No.2 Cantonment, Belgaum	Central Board of Secondary Education, Delhi	2015	83.80%
10 <sup>th</sup>	Kendriya Vidyalaya No.2 Cantonment, Belgaum	Central Board of Secondary Education, Delhi	2013	8.4 CGPA

## PROJECTS

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### 1. Harvester Bot-eYRC 2017

An autonomous robot which identifies(using image processing), plucks and deposits the required fruits on an abstract farm.

### 2. Path finder

An autonomous robot that can traverse to its given destination even when an obstacle is introduced in its path, by managing to take an best alternative path to its destination.

### 3. Obstacle detector

A prototype using Arduino Uno and HC-SR04(Ultrasonic sensor), which detects an obstacle/object and returns the distance.

### 4. Object Identifier

Identification of an object based on its colour and size using image acquisition technique in MATLAB.

## TRAINING & INTERNSHIP

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### • RTL Design using Verilog

Certification course under IEEE blending learning program

## RESEARCH PUBLICATIONS

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1. None

## TECHNICAL SKILLS

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- **Programming Languages** :- C, Matlab, C++, Python, Embedded C, ARM Assembly, HTML, CSS, Verilog HDL.
- **Hardware Knowledge** :- Atmel ATmega 2560, Arduino, Raspberry Pi, LPC2148.
- **Software Knowledge** :- OpenCV, Numpy, Cadence Virtuoso, Keil uVision4, Xilinx ISE, Vivado, Multisim and Simulink.

## SOFT SKILLS

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1. Dedication, Teamwork, Persistence, Responsibility.
2. Languages :- Marathi, English, Hindi.

## EXTRA-CURRICULAR ACTIVITIES

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- Member of Lead Cell GIT (a social innovation club at KLS GIT).
- Part of a social project wherein we raised money for charity by selling lamps(diyas) during diwali.
- Part of a social project wherein we donated books for setting up libraries in government schools.

## CO-CURRICULAR ACTIVITIES

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1. **1<sup>st</sup> Prize**|National Level e-Yantra Robotics Competition (eYRC 2017),IIT Bombay|Harvester Bot.

## PERSONAL DETAILS

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- **Father's Name:** Suvas K Patil
- **Mother's Name:** Jyotsna S Patil
- **Sex:** Male
- **Date of Birth:** 27<sup>th</sup> August 1997
- **Nationality:** INDIAN
- **Marital Status:** Single

## REFERENCE

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1. **Dr. Prashant P. Patavardhan**, Head of Department, Department of Electronics and Communication, KLS GIT, Belgaum|+919448941840|pppatavardhan@git.edu
2. **Prof. Supriya S. Shanbhag**, Assistant Professor, Department of Electronics and Communication, KLS GIT, Belgaum|+919845306767|ssshanbhag@git.edu