# KIRAN KUMAR B

**Engineering Graduate, Passionate Programmer.**

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## EDUCATION

### Bachelor of Engineering (ECE)
**Govt. SKSJTI, afflicted to VTU.**
~ 2016 – 2019        @ Bangalore.

CGPA
**7.62**

### Diploma in ECE
**Aryabharathi Polytechnic.**
~ 2013 – 2016        @Tumkur.

Percentage
**79.28**

### SSLC
**Basaveshwara English High School.**
~ 2013        @Bangalore

Percentage
**83.2**

## PROGRAMMING SKILLS

**JAVA** ◆◆◆◆◇
Proficient

**C** ◆◆◆◆◇
Proficient

**SQL** ◆◆◆◆◇
Advanced

**Python** ◆◆◆◇◇
Advanced

## OTHER SKILLS

**Microcontrollers and Microprocessors**

Arduino        ARM        Intel 8051        AtMega328p

**Hardware Description Languages**

VHDL        Verilog HDL

**Languages Known**

Kannada        English        Hindi

## VOLUNTEERING

**NCC Cadet,** No 2 Kar Air Squadron (Tech)
Attended Combined Annual Training Camp- 2018.

**NSS Volunteer,** NSS unit, Govt.SKSJTI.
Volunteered "Healthy Youth for Healthy India Camp", held at Belagavi.
Attended "Annual Leadership Camp", held at Dabaspete.

## ACHIEVEMENTS

○ **Best Project Award**
for "Smart Waste Bin Monitoring System".
Project Exhibition at **Sir. M. V. Technical Exhibition-2015,**
held at East West Polytechnic, Bangalore.

○ **Sunitha Williams Award**
for "Bluetooth Controlled Armed Robot".
Project Exhibition at **Scientists of Tumakuru-2015,**
held at CIT, Gubbi.

○ **Zonal level Robotic Championship**
for "Automatic Line Tracking vehicle".
at **Zonal Level Robotic Competition of NRC 2013-14,**
conducted at Aryabharathi Polytechnic, Tumkur.

○ **Certificate of Honor**
for participating in **National Robotics Championship 2013-14,**
conducted at **Indian Institute of Technology, Mumbai.**

○ **Certificate of Participation**
for "Cost Effective Milk Analyzer".
in **National Level Technical Project Exhibition and Competition,**
held at AIT, Bengalure.

## PROJECTS

○ **Academic Projects:**

### Cost Effective Milk Analyzer
Low cost device designed for detection and displaying of various quality factors of milk like SNF, added water percentage, fat and PH.

### DTMF Controlled Robot
This project makes use of DTMF (Dual Tone Multiple Frequency) signals for wireless control of robotic vehicles over a very long distance.

○ **Hobby Projects:**

### Smart Waste Bin Monitoring System
Smart sensor network linked to cloud data storage to monitor the public waste bins and update their status in Cloud.

### IOT Based Biometric Attendance System
System to upload attendance details to cloud storage unit when student make thumb impression on the finger print sensor.