

# Amit M Girimaji

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'Sagar Nilaya',  
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## Career Objective

To obtain a challenging position in a high-quality engineering environment where my resourceful experience and academic skills will add value to organizational operations.

## Education

| Degree     | College / School  | University / Board    | Pass %                 | Passing Year | Remarks                             |
|------------|---|-----------------------|------------------------|--------------|-------------------------------------|
| B.E<br>ECE | Jawaharlal Nehru National College of Engineering, Shimoga | VTU                   | 82.14<br>up to 6th Sem | 2017         | Tooper in 1st and 3rd semester      |
| PUC        | Sri Adichunchanagiri Independent PU College, Shimoga      | Karnataka State Board | 96.5                   | 2013         | CET, Rank- 468, 1st Rank in college |
| SSLC       | Sri Adichunchanagiri Composite High School, Shimoga       | Karnataka State Board | 95.2                   | 2011         |                                     |

## Projects

1. **'2-Wheeled Self-Balancing Robot with Joystick Control'** Got 4th place in eYRC 2016
2. **Search and Rescue of Survivors during earthquake** Got 5th place in eYRC 2015
3. C-Program: Account login control with special admin access along with 4 Prime number operations (2012)

## Hobby Projects

1. Automated Train Level Crossing Indicator: got **2nd place** in hobby project exhibition 2015.
2. Robot motion control using MATLAB image processing.
3. Armed Robot for Dead Metal-Robo Wars.

## Internships

- Company: **Rooftop Sundays** (Dec 2014 – Jan 2015)  
Role of Internship : Social media marketing - To reach certain number of people daily in SoundCloud.
- Company: **Band - Camp Mobiles** (Mar 2015 – Aug 2015)  
Role of Internship : To promote a mobile app 'Band' by creating a group and maintain it.

## Trainings and Workshops

- MSP-430 Micro-controller and Robotics Workshop - 2015
- 555 Timer and its Applications - 2015
- Soldering Techniques and Circuit Design using 555 Timer - 2014
- DST-Inspire Internship Camp - 2011

## Technical Skills

- Languages - C, C++, Embedded C/C++, Assembly (8051,8086)
- Hardware - MSP430, Atmega 2560, Arduino
- Tools - MATLAB, Scilab, Atmel Studio, Cadence Virtuoso
- Analog and Digital Circuit Design
- Adobe Photoshop, Adobe Audition, Video editing

## Soft Skills

1. Adaptability and flexibility
2. Leadership
3. Teamwork and collaboration
4. Listening

## Extra Curricular Activities

- **Black Belt** in Karate, **4 National Level participations with 1 Bronze Medal** in Muay Thai, Wushu and Karate games

- Invited as **Judge** for high school Science Project Exhibition in Nov 2016.
- **Coordinated and Organized 3 Events:** Photography-2014, Technical Quiz-2015 and Mr. & Ms. Techzone-2016
- Organized **4 Basic Electronics Workshop** for Engineering and High School students.
- Secured **1st place in Photography** contest during Janvey 2014.

## Co-Curricular Activities

1. Selected up to **3rd Round-Top 25** in India in **Enginx 2016 IOT Challenge by TCS** titled '*Monitoring of Bedsore in Bedridden Patients Using IOT*'.
2. Attended **Microsoft TechVista 10**, A full day research symposium in Jan-2015
3. Secured **1st place (2016) and 2nd place (2015)** in Circuitrix, a **circuit design competition** held during National level event Techzone.
4. **Presented Paper and secured 3rd place**, titled '*Smart Borewell Rescue system using Embedded Technology*' in national level Techzone 2016.
5. Secured **2nd place in Circuit Debugging** competition held during Spectrum-2015 under IETE.
6. Secured **3rd place in C- Hunt**, a C-Programming contest held during Techzone-2014.

## Personal Details

Father's Name: D Mohan Girimaji  
 Mother's Name: Vani Girimaji  
 Sex: Male  
 Date of Birth: 26 - 06 -1995  
 Nationality: Indian  
 Marital Status: Single

## References

### Dr. Manjunath P

HOD, Dept. of Electronics and Communication Engineering,  
 Jawaharlal Nehru National College of Engineering,  
 Shimoga.  
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## Declaration

I hereby declare the information furnished above is true to best of my knowledge and belief.  
 Date: **April 23, 2017**