

SARATH M

'Saranya'
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*To become an Embedded Engineer in an organization
wherein I contribute to the successful growth of the
organization while following my passion in
Embedded Systems and Programming*

Education

- 2014 **Advanced Course in Embedded Systems,,**
Vector India Institute,
Bangalore, Karnataka,
86.19%.
- 2010–2014 **B.Tech in Electronics and Communication,**
Govt. College of Engineering Cherthala,
CUSAT University,
Kerala,
65.97%.
- 2010 **12th Grade,**
Talent Public School,
CBSE,
Njarakkal, Kerala,
80.6%.
- 2008 **10th Grade,**
Talent Public School,
CBSE
Njarakkal, Kerala,
83.2%.

Academic Projects

- **Major Project: Hexapod Robot For Agricultural Application**
It is a versatile six legged robot optimised for uneven terrain. The applications include planting crops, weed detection and sensor data collection.

- **Minor Project: Godown Automation**

It was an attempt to automate a godown by including sensor based smart lighting and an anti-theft alarm.

Seminar

- **Permanent Magnet Generator For Powering Implanted Devices**

The seminar is about a system that is self-contained and reliable which can continuously provide power to artificial implants by the principle of electromagnetic induction.

Awards & Achievements

2014 **SRISHTI 2014**, *State Level Project Competition*.

- The Project "**Hexapod**" was selected as **Top 13** in the finals
- Project Competition was organised by
 - AICTE
 - Startup Village
 - Kerala Financial Cooperation
 - Saintgits College

2005 **Black Belt 1st Degree in Karate**.

Awarded in Shito-Ryu style of Karate

Soft Skills

- Good Managerial and Communication Skills
 - Elected as College Senate Member (2011-2012)
 - Training and Placement Cell Co-ordinator (2012-2013)
 - Active member in NSS, IEEE & Nature Club
- Patient and Active listener
- Fast Learner; Willing to be Trained

Technical skills

- | | |
|---------------------------------------|-----------------------------|
| ◦ <i>Programming:</i> | ◦ <i>Hardware Platforms</i> |
| - C | - Raspberry Pi |
| - C++ | - BeagleBone Black |
| - Python | - 8051 |
| - Web Developement Using Python | - Arduino. |
| - Linux System Programming | ◦ <i>IDE's</i> |
| - GUI Developement Using QT Framework | - Keil 4 |
| - SQL | - MPLAB |
| - Revision Control using Git | - Eclipse |
| - Latex | |

Personal Details

Name : Sarath.M
Mother's Name : Leena.N
Date Of Birth : 27/09/1992
Sex : Male
Current City : BTM Layout 1st Stage, Bangalore
Languages Known : English, Malayalam, Hindi, Tamil

References

- o Mr. Jeevan George
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