

SARATH M

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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

o 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

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| <ul style="list-style-type: none">◦ <i>Programming:</i><ul style="list-style-type: none">- C- C++- Python- SQL- Latex◦ <i>IDE's</i><ul style="list-style-type: none">- Keil 4- MPLAB- Eclipse | <ul style="list-style-type: none">◦ <i>Hardware Platforms</i><ul style="list-style-type: none">- PIC 16F877A- 8051- Arduino.◦ <i>Other Platforms</i><ul style="list-style-type: none">- Simulation using Proteus- GUI Development using QT- Linux System Programming◦ <i>Operating Systems:</i><ul style="list-style-type: none">- Linux- Windows |
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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

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|---|--|
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