



Shiva-Vishnu Temple

Om Namah Shivaya Om Namo Narayanaya

Hindu Community and Cultural Center

1232 Arrowhead Ave, Livermore, CA 94551

A Non-Profit Organization since 1977
Tax ID# 94-2427126; Inc# D0821589
Tel: 925-449-6255; Fax: 925-455-0404
Web: <http://www.livermoretemple.org>

HCCC Youth & Education Presents
Robotics Foundation Program



When: 12 Saturdays
(10/28/2017 – 02/24/2018)

Time: Noon to 2 PM
Where: Livermore Temple
Who: 8-16 Year old

[Click here to Donate](#)

Limited Seats (24 Only)

Registration: Required

Registration and Interaction
Dates:

10/14/2017 at Noon

Venue: Tirumala Hall, Temple

Program Conductors:
Karthik/Rengan/Sastry
/Ramki/Gopi/Goutam

***** This Program is Free *****

Program Features

- **Basics of Electronics**
- **Build and Take home your Robots**

- **Robotics Engineering Exposure**
- **Unleash Your Creativity**
- **Meet new friends!**

***** Material Cost will be borne by the student ** Laptop is Required for every student **Details are provided on the registration date ** No Fees to the Instructor or Temple ** For more details see Brochure below *****

Click the Link Below for Registration
[Robotics Foundation Program Registration](#)

Questions? HCCC.YandE@gmail.com
Contact - Goutam 510-506-3713 (After 6 PM)
Or Srikali Varanasi – 510-506-3706 (After 6 PM)



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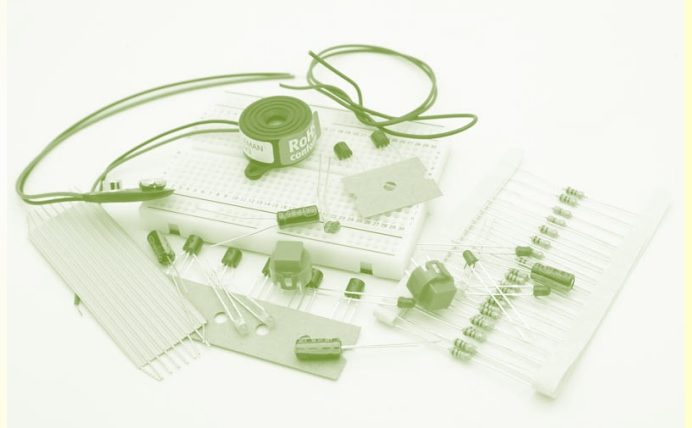
Robotics Foundation program provides a hands-on experience is solving real world challenges and exposes students to physics, mechanics, electronics, programming, vocabulary building and much more. Robot is a machine that is able to sense, think and act on its own. Robotics is the science of designing, building, controlling and operating robots.

STEM (science, technology, engineering and mathematics,) is designed to provide opportunities for skill-building based on development level. Program offers the first experiences with our STEM-based activities incorporate skills that promote counting, electronics, physics and mechanics. The program exposes children to computer technology, motor, gears, sensors combined with the experience of constructing robots and beginning programming experience.

LEVEL 1:

Robotic is the future of our next generations, which require not only math, science and social skills. Goal is to help our next generation get hands on experience to the level of innovation with the power of technology. Kids will be learning the below skills.

1. Electronics Fundamentals
2. Electronics Circuits (Simple)
3. Electronic Buzzer (Sound)
4. Dancing LED
5. Solar Diya
6. Brush Bot
7. Line Tracing Bot



They build/assemble the robot (take home).

As part of the program the kids will build following robots.

- Dancing LED
- Solar Diya
- Brush bot
- BEAM (Line Tracing Bot)



This program is for kids for the age between 8 - 16 years.

The material cost is **\$350**.



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LEVEL 2:

For the students who have completed Level 1.

You will be introduced to the Raspberry Pi with Python Programming. You will Build Your Own Drone in this level. Also you will be learning about 3D design and 3D Printing.

The material Cost is **\$350**

Terms of Enrollment, Guidelines and Policies

General Guidelines

- Classes are 2 hours, once a week.
- Minimum 6 children required for a class. Maximum class size is 12
- Parents are encouraged to stay in our waiting area and be present at the end of each class when children will present their completed projects.
- Depending on number of participants, we may combine some of the classes.
- Projects done in class will be sent home.

Attendance & Cancellation

Once your child starts their first class they need to continue attendance for all 8 classes. If for any reason your child can't make it to a class, a written notice via email is required no later than 10am on the day of the class. No shows will be considered present and class will be deducted from the total.

PLEASE READ AND SIGN ON REGISTRATION FORM

Registration Deadline: **One week prior to the class.**

- Registration is open to the general community.
- Registration is considered complete when the Registration Form is completely filled out and corresponding materials are bought for the program. Since the materials are bought by the students, they cannot be returned and no refunds are entertained.
- We have the right to cancel any camp program due to insufficient registration. If that should happen, a full refund will be provided. No refunds will be made for absences or withdrawals during the camp session.
- It is understood that the parent or guardian signing this application certifies that their child will follow all rules and regulations, and will abide by all decisions made by the class administration and tutor. In the event that rules are broken, proper action will be taken by the class administration/tutor. If there is no change in behavior, the kid/student will be



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dismissed. In the event that the kid/student causes damage to another person or property, the parent or guardian will be held liable for all damages incurred.

- In case of a medical emergency, all efforts will be made to contact the parent, emergency contacts, and/or the child's doctor.
- Program Participants may be subject to termination if determined to be a danger to self or others. Participant's parents and/or guardians will be notified immediately upon any concerns related to program participation.

NOTE: In addition to this form, HCCC Indemnity form needs to be completed on the Registration and Interaction Day.



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