



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
Summer Robotics Workshops



When: 5 Saturdays
(7/8/2017 – 8/5/2017)

Time: 10 AM to 2 PM

Where: Livermore Temple

Who: 8-16 Year-old &
Adults can join too

[Click here to Donate](#)

Limited Seats (20 Only for each)

Registration: Required

Registration Date:
5/13/2017 at Noon

Venue: Tirumala Hall, Temple

Program Conductors:
Karthik Maddali,
Sambasiva Sastry Vemparala, and
Rengan Krishnan

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

Program Features

- **Basics of Electronics**
- **Introduction to Microcontrollers**
- **Introduction to Programming**

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

See Page 2 for Workshop Details

***** 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
Summer Robotics Workshops 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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HCCC Youth & Education Presents

Exciting Robotics (STEM) Summer Workshops

Please see the details of the workshops below

All Workshops come with:

- 1. Certificate of Participation**
- 2. Exciting Hands-on Projects**
- 3. Exhibits Participation**
- 4. Participation in external fairs (There may be a fee for this)**

Workshop	Details
<p>1. Soldering Techniques, SMD Soldering and Introduction to Raspberry PI/Python Programming</p>	<p>NO Pre-requisites. #Material Cost - \$200 (This class is helpful for those who have completed Level 1 and are planning to go to Level 2 in Fall.)</p>
<p>2. Computer Vision</p> <p>(This workshop is useful for those who have completed Level 2 and planning to progress to Level 3 in Fall at HCCC)</p>	<p>Pre-requisites: Finished Level 2 Course at HCCC STEM Robotics or Good working knowledge in Raspberry PI/Python Programming</p> <p>#Material Cost - \$150</p>
<p>3. *Computer Vision + Crash course in Raspberry PI/Python Programming (This course covers Workshop-2. This course does NOT cover Workshop-1)</p>	<p>Those who do not have completed the pre-requisites for Workshop-2</p> <p>*These Participants must attend the Crash Course starting in 4th week of May.</p> <p>#Material Cost - \$250</p>

Students will take home their projects including all the materials



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Robotics workshops

These programs provide a hands-on experience in 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.

Robotic is the future of our next generations, which require 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.

These workshops augment and support our existing Robotics classes of various levels conducted at HCCC Livermore Temple.

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

The material cost is varying by the workshops. Please see the previous page for the details.



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Terms of Enrollment, Guidelines and Policies

General Guidelines

- Classes are 2 hours, once a week.
- 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.
- Projects done in class will be sent home.
- No refund of material cost since the materials bought are used for specific students' projects.

Attendance & Cancellation

- Once your child starts their first class they need to continue attendance for all 5 classes. If for any reason your child can't make it to a class, a written notice via email is required no later than 6 am 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 is open to the general community.
- 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 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.



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Robotics Program Registration & Waiver Form

Summer Robotics Workshops (ages 8-16): Please print clearly.

Participant's Name _____

Birthdate: _____

Grade: _____

Contact's Name: _____

Phone (H) (W or cell): _____

Contact's email: _____

ADDRESS: _____

CITY: _____ ZIP: _____

Material Cost: See Page 2 of the Flyer --- Student must purchase the materials: Talk to the Instructor for the mode of buying the materials on the Interaction Day

Liability Waiver: The undersigned acknowledges that recreational and sports programs involve inherent risks of personal injury. It is agreed that participation in the program is voluntary and at the participant's sole risk. The Livermore temple and the Class Administrator are not liable for any claims, demands, injuries or damages whatsoever to the participant or participant's property arising out of the participant's participation in the program. On behalf of the participant, the undersigned releases and discharges the Class Administrators and Livermore Temple, its employees or agents from all such claims, demands, injuries or damages, except those directly caused by the gross negligence of the Class Administrators and Livermore temple, its employees or agents.

Photographs are occasionally taken and may be used for promotional purposes of the programs we offer. Do not wish to be photographed, (check here) [].

Signature

Participant or guardian, if participant is under 18:

Date: _____

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



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