



Hindu Temple and Cultural Society of USA, Inc. (HTCS)
Sri Venkateswara Temple (Balaji Mandir) and Community Center

One Balaji Temple Drive
Bridgewater, NJ 08807, USA

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www.venkateswara.org



HTCS Education STEM Series Presents Robotics Workshop



Introduction to Robotics:

Children and parents will be introduced to Robotics, automation, sensors and programming.

Learn About Robotics Competitions:

Learn from veteran FIRST Team JDroids about how to start your own team, skills required to run a team, registration detail, season calendar, technology cost, and time commitment.

FIRST Lego League teams research a real-world problem such as food safety, recycling, energy, etc., and are challenged to develop a solution. They also must design, build, program a robot using LEGO MINDSTORMS® technology, then compete on a table-top playing field.

It all adds up to tons of fun while they learn to apply science, technology, engineering, and math concepts (STEM), plus a big dose of imagination, to solve a problem. Along their discovery journey, they develop critical thinking and team-building skills, basic STEM applications, and even presentation skills, as they must present their solutions with a dash of creativity to judges.



What will be covered?

Basics of EV3

Learn about the FIRST Lego League Competition

Demonstration of a Competition Robot

Hands on Activities

- Design your own subassembly
- Program your own subassembly

Limited Seats. Registration is required.

Registration link will be emailed and posted at www.venkateswara.org at 9pm on the registration day mentioned above.

Contact: education@ventakeswratemple.org