

# e-Yantra Lab Setup Initiative (eLSI)

## Lab Inaugurations

e-Yantra is a robotics outreach project, an initiative of the Department of Computer Science and Engineering at the Indian Institute of Technology, Bombay. It is funded by the Ministry of Education, Government of India, under the National Mission on Education through ICT.

**Department of Electronics, Yashwantrao Chavan Institute of Science, Satara (Autonomous) is now one of 400+ eLSI colleges under the e-Yantra Lab Setup Initiative.**

Also, Institute have other Digital Initiatives in Higher Education by Ministry of Education, Government of India.

- 1.NPTEL Swayam Nodal Centre
2. Virtual Labs Nodal Centre
- 3.e-Yantra Lab setup Initiative

Once a college has set up a Robotics Lab the teachers and students from eLSI college get special prices to participate in the many other initiatives of the e-Yantra project. These benefits are to the eLSI community of colleges.

- **e-Yantra Resource Development Center (eYRDC):** Through eYRDC we plan to share resources such as Lesson plans, Tutorials, Lectures, Generic projects, etc. which can help teachers to utilize the eLSI Lab in an effective manner. The teachers also have an opportunity to contribute to the lesson plans and get recognized and also receive an honorarium. Click on this link to know more about eYRDC: [e-Yantra Resource Development Center \(eYRDC\)](#). **Login credentials for eYRDC portal will be soon shared with the TBT team.**
- **e-Yantra Farm Setup Initiative (eFSI):** The project develops know-how for setting up an automated agriculture project using the Internet of Things (IoT)– a testbed for addressing a real-world problem and hands-on learning for students on the application of what they learned in theory through a fun and productive exercise. Click on this link to know more about eFSI: [e-Yantra Farm Setup Initiative \(eFSI\)](#).
- **e-Yantra Innovation Challenge (eYIC):** This competition(formerly known as e-Yantra Ideas Competition) provides a platform to encourage innovative projects from robotics labs. Student team along with a teacher as the mentor work on a problem conceived and proposed by them. **The winners of this competition are eligible for attractive cash prizes as well as certificates and a chance to participate in the e-Yantra Summer Internship Program (eYSIP).** Click on this link to know more about eYIC: [eYIC 2019-2020 Highlights](#).

- **e-Yantra Symposium (eYS):** eYS brings together the colleges which have established e-Yantra labs through the e-Yantra Lab Setup Initiative (eLSI) for discussions and seminars on how to turn these labs into Innovation Hubs. It provides a platform for showcasing student/research projects that were executed in the e-Yantra labs at these colleges. Click on this link to know more about eYS: [e-Yantra Symposium](#).



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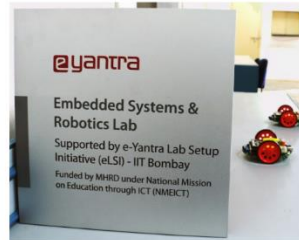


SUNIL S. BARKADE  
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## CONGRATULATIONS!!

Welcome to the e Yantra family of colleges  
**Rayat Shikshan Sanstha`s Yashavantrao  
Chavan Institute of Science, Satara,  
Maharashtra**



Congratulations to the students, teachers and the college team for establishing the e-Yantra Lab.





## Embedded Systems & Robotics Lab

Supported by e-Yantra Lab Setup  
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