



Date: May 23, 2019

Dear Sir/Madam.

e-Yantra is a project supported by MHRD through the National Mission on Education through ICT (NMEICT) to spread Embedded systems and Robotics education in colleges across India.

We invite you and a senior official/HOD/faculty to participate in a meeting to find out about the e-Yantra Lab Setup Initiative (eLSI) that enables colleges to set up Robotics labs and teach Robotics and Embedded systems in an effective manner.

We have scheduled a Principals' Meet and a two day workshop as a part of this initiative. We invite you & Heads of concerned departments to attend the Principals' meet to know more about this initiative and for the workshop, colleges will nominate four teachers who will participate in the hands-on session of 2-day workshop on "Introduction to Robotics" through the e-Yantra Lab Setup Initiative (eLSI).

Details of the meeting are given below:

For Principals' Meet:

Date: June 10th, 2019 (Monday)
Time: 02:00 PM - 04:30 PM (Please join us for lunch at around 01:00 PM)

Agenda for the meeting:

e-Yantra: an overview

2. What is eLSI? Why is it important for you?

3. Discussion of the model and modalities

To Register for Principals' Meet, go to: http://tinyurl.com/elsiprincipalmeetregistration.

For Two day workshop:
Date: 11th & 12th June 2019 (Tuesday & Wednesday)
Time: 9:00 A.M. - 06:00 P.M. (Tuesday)
9:00 A.M. - 06:00 P.M. (Wednesday)

Venue: Alva's Institute of Engineering and Technology, Shobhavana Campus, Mijar, Moodbidri, Karnataka

To Register for 2-Day Workshop, go to: http://elsi.e-yantra.org/meetWorkshop/form.

RSVP-

Coordinator name: Mr. Santhosh S, Mr. Deepak Raj Contact no: 9535623318, 9591302315 e-mail: santhoshs.nayak@gmail.com, deepakraj@aiet.org.in

e-Yantra Lab Setup Initiative (eLSI) is a holistic approach to

(i) impart theoretical and programming knowledge to teachers through workshops,

(ii) provide hands on training to teachers through an online Task Based Training (TBT), and

(iii) help colleges set up their own Robotics labs.

To know more about this exciting initiative, please refer to the attached pamphlet. 352 colleges from several regions across the country have set up Robotics labs through this initiative. 150+ colleges are currently participating in this Nation-building initiative from various regions of our country.

We look forward to meeting you and discuss the modalities for setting up a Robotics lab at your college.

Regards

Prof. Kavi Arya

Principal Investigator, e-Yantra

Department of Computer Science and Engineering

Indian Institute of Technology Bombay

e-Yantra is a project sponsored by MHRD, Government of India, under the National Mission on Education through ICT (NMEICT).

The two day Faculty Development Program on "Introduction to Robotics" organized by the Department of Electronics and Communication Engineering in association with Eyantra Robotics Lab, IIT Bombay commenced on June 11th, 2019 in the Internet Lab, AIET at 9:30 a.m. The workshop was conducted by e-Yantra project team, IIT Bombay comprising of Ms. Rutuja and Mr. Prasad. e-Yantra project from IITB is sponsored by the Ministry of Human Resource Development (MHRD), under the National Mission for Education through ICT (NMEICT) to provide hands-on learning-infrastructure to engineering students who have limited access to labs and mentors. The project supports various Engineering colleges to setup Robotics lab in their colleges. Dr. D.V Manjunatha, HOD, Department of Electronics and Communication Engineering gave a brief introduction about the Robotics Research Lab and then briefed out the proceedings of the workshop. Ms. Rutuja, the resource person from e-Yantra project IIT Bombay, spoke about the e-yantra, which is an initiative by IIT Bombay that aims to create the next generation of embedded systems engineers with a practical outlook to help provide practical solutions to some of the real world problems and also briefed out the opportunities and advantages involved in e-yantra.

Following the inauguration, the FDP proceeded to hands on training session. This session was conducted by Ms. Rutuja and Mr. Prasad, Project Technical Assistants, e-Yanta, IIT Bombay. Teams of participants from each institute were provided a robotic kit, Firebird V, and accessories, for hands on.



ALVA'S INSTITUTE OF ENGINEERING AND TECHNOLOGY, MOODBIDRI Department of Electronics & Communication Engineering

Introduction to Robotics June 11th, To 12th 2019 FEEDBACK ANALYSIS

| 1.The objective of the training were | Strongly agree | Agree | Neutral | Disagree |
|---|----------------|-----------|---------|----------|
| clearly defined | 40% | 23% | 20% | 17% |
| Participation and interaction are | 47% | 40% | 9% | 4% |
| encouraged | | | | 470 |
| 3.The topics covered were relevant to me | 47% | 449/ | | |
| 4.The content was organized and easy to | 11.00 | 44% | 10% | 0% |
| follow | 39% | 49% | 8% | 4% |
| 5.This training experience will be useful | 19% | 61% | 10% | |
| to my work | | 01% | 10% | 10% |
| 6.The trainer was knowledgeable about | 17% | 50% | 7% | 5% |
| the training topics | | | | |
| 7.The trainer was well prepared | 53% | 30% | 14% | 3% |
| 8.The training objectives were met | 61% | 22% | 16% | 01% |
| 9.The time allotted for the training was sufficient | 50% | 30% | 10% | 10% |
| 10.The meeting room and faculties were | 49% | 40% | 10% | 01% |
| adequate and comfortable | | 1,000,000 | | 0176 |

Action Taken:

Coordinator V

HOD

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H.O.D.

Dept. Of Electronics & Communication Alva's Institute of Ergg. & Tochnology Mijar, MOODBIERI - 574 225

ALVA'S INSTITUTE OF ENGINEERING AND TECHNOLOGY, MOODBIDRI Department of Electronics & Communication Engineering

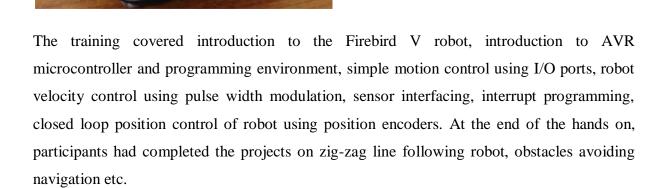
Introduction to Robotics June 11th, To 12th 2019

FEEDBACK FORM

| Strongly agree | Agree | Neutral | Disagree |
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| Suggestions (if any): Very Seful | |
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The FDP concluded with the valedictory function which was presided by Sri. Vivek Alva, Managing Trustee, Alva's Education Foundation on the 12th of June, 2019.





Alva's Institute of Engineering & Technology Shobhavana Campus, Mijar, Moodbidri, D.K - 574225 Phone: 08258-262725, Fax: 08258-262726 T. OF ELECTRONICS & CONTRAINT ANON ENGINEER

DEPT. OF ELECTRONICS & COMMUNICATION ENGINEERING

E-Yantra robotic Principal Meet and Workshop Expenditure

1. Name of the event E-yantra robotics Principal Meet

2. Dept. organizing the event

3. Co-ordinators Mr. Santhosh S & Mr. Deepak Raj

| SI. No. | Particulars | Quantity | Amount Paid |
|---------|--------------------------|----------|-------------|
| 1. | Principal Meet Bouquet | 1 | 150/- |
| 2. | Workshop Bouquet | 3 | 270/- |
| 3. | Roses | 13 | 70/- |
| 4. | Flowers for Lamp | 4 | 50/- |
| 5. | Oil | | 80/- |
| 6. | Cashew Nuts and Biscuits | 3 | 432/- |
| | Tested | | 1,052/- |

water bottoles

Mr. Santhosh S 18 06/19 e-yantra Coordinator.

Dr. Peter Fernandes The Principal AIET Moodbidri

Mr. Vivek Alva Managing Trustee AIET Moodbidri

Note: Play pay the around so 1,250/- to Mr Santhosh-S Assistant Professor

EUE DEPORT ment

Phon: 9535623318

etails of Workshop team for Principal's meet followed by Two Day Workshop at Alva's Institute of Engineering and Technology, Moodabidri, Karnataka on 10th to 12th June 2019

Prasad Trimukhe <prasadtrimukhe@gmail.com>

Thu, May 30, 2019 at 2:51 PM

100h CoH-98

o: santhoshs.nayak@gmail.com, deepakraj@aiet.org.in

Cc: rattzzz07@gmail.com, Kavi Arya <kavi.arya@gmail.com>, support@e-yantra.org, e-Yantra Lab Setup Initiative selsi_team@e-yantra.org>, Vivek_alva@yahoo.co.in

Dear Sir/Madam,

Greetings from e-Yantra!

This is to inform you about the details of the team of engineers who will be visiting your college for the workshop as well as requirements for the workshop.

The names and contact details are mentioned below:

Name: Ms. Rutuja Ekatpure Contact Number: 9665924979 e-mail ID: rattzzz07@gmail.com

Name: Mr. Prasad Trimukhe Contact Number: 8898119689 e-mail ID: prasadtrimukhe@gmail.com

We will be arriving at Mangaluru Airport, Karnataka by Flight Al 679 on 10th June 2019, Monday, 12:00 PM. We request you to arrange for the team's transport from Mangaluru Airport to the College as we will be carrying large suitcases with Robotic Kits for the workshop besides other luggage. We would like to go directly to the workshop venue as we have to make sure that the Desktop Computers have the required drivers.

We will be leaving from Mangaluru by Flight SG 6250 on 12th June 2019, Wednesday, 07:30PM.

For the purpose of our stay, it is our request that you provide us accommodation in your college Guest House. If the Guest House is not available, please provide names of nearby hotels for which we will do the bookings.

The following are the minimum requirements for the workshop:

1. 15 Desktop Computers/Laptops: Operating System: Windows 7, 8 or 10 (No Linux based system)
Processor: Intel Core i3 and above
RAM: 2GB and above
USB Port required for programming
Additional power sockets for robots and laptops

Computer with Administrator login 2. Internet Access/Wi-Fi Access

- 3. White Board, Marker and Duster
- 4. Projector and Screen
- 5. Microphone and PA system

Thanks Prasad Trimukhe Sr. Project Technical Assistant, e-Yantra ERTS Lab, CSE Dept, IIT Bombay +91 8898119689

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