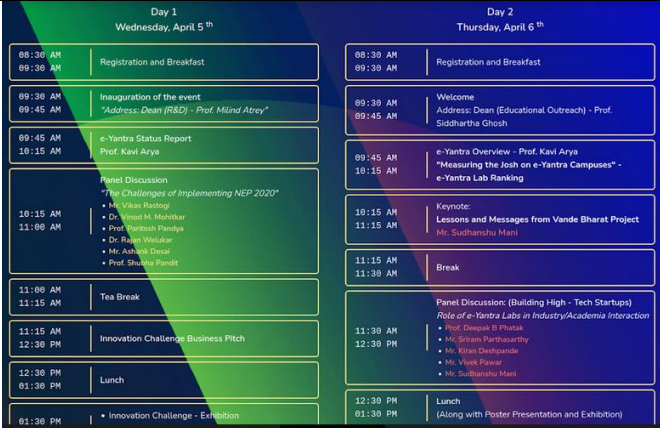


# Report On

## e\_Yantra Symposium

<b>Title</b>	:	Bridging the gap between Design and Engineering
<b>Resource personnel</b>	:	Dr. Ravi Arya and team.
<b>Date and Time</b>	:	5 <sup>th</sup> and 6 <sup>th</sup> April 2023 from as per flyer
<b>Session Venue</b>	:	VMCC, IIT Bombay.
<b>Goals/Objectives</b>	:	<p style="text-align: center;"><b>Automation Robotics Club, activity</b></p> <ul style="list-style-type: none"> <li>• Exposure to level of competitions and methods of presentation by participants.</li> <li>• Sensitise engineers to the importance of Design Thinking.</li> </ul>
<b>Outcome</b>	:	<ul style="list-style-type: none"> <li>• Through hands-on activities, we will learn how to ideate, prototype, and refine our designs to create innovative and functional solutions.</li> <li>• Explore fundamental principles of design</li> </ul>
<b>Number of Attendees</b>	:	Institutes from all over India.
<b>Faculty &amp; Students</b>	:	Mix ratio of Faculties and students.
<b>Social Media Link (Fb/Twit/Intg)</b>	:	No, Part of academic Curriculum
<b>YouTube Link</b>	:	Under IIT'B control.
<b>Registration Link Response</b>	:	eYS 2023: Registration
<b>Event Flyer</b>	:	 <p>The flyer provides a comprehensive schedule for the two-day event. Day 1 (Wednesday, April 5th) starts with registration and breakfast at 08:30 AM, followed by an inauguration at 09:30 AM. Key activities include an e-Yantra Status Report, a panel discussion on NEP 2020, a tea break, an innovation challenge business pitch, and a lunch break. Day 2 (Thursday, April 6th) begins with registration and breakfast, followed by a welcome address, an e-Yantra overview, a keynote by Mr. Sudharshu Mani, a break, another panel discussion on industry/academia interaction, and a final lunch with poster presentations.</p>

## **Description :**

**Mumbai :** The Indian Institute of Technology (IIT) Bombay was enlivened with scientific exuberance as young minds from all over the country gathered for the Grand Finale of the much-anticipated e-Yantra Innovation Challenge (eYIC), held as part of the exclusive **e-Yantra Symposium** from 5th-6th April 2023. Besides the 10 finalist teams for the competition, the Symposium brought together a great number of faculty and students from the e-Yantra Lab Colleges from across the country.

The e-Yantra Project, funded by the Ministry of Education (MOE), Government of India, and hosted at the CSE Department of IIT Bombay, has been grooming youths to learn and develop technologies that can help shape a better future for everyone.

The e-Yantra Innovation Challenge this year covered the core themes of **Sustainable and Advanced Technologies for Helping Urban Inclusivity and Agriculture**, where inclusivity caters to Persons with Disabilities (PWD). The section that contributes to about 2.2% of our population, usually have to face more hurdles to cope with. The competition brought young minds together under one platform to give them a scope to first learn, and then deliberate on seeking comprehensive solutions for a better and more inclusive future for all.

The Challenge allowed students to form multi-disciplinary teams from different institutions and domains. Winning teams who successfully pitched and proto-typed have the possibility of receiving seed funding to work further on their ideas.

The Symposium had interactive sessions, keynote sessions, workshop and panel discussions spanning two days. It brought all stakeholders together to exchange ideas in order to ignite among the young minds a transformative zeal to be “innovators for Local Disruption”.

On the first day, the inaugural address was given by Prof. Milind Atrey, Dean (R&D), IIT Bombay, followed by a status report on the e-Yantra project by Principal Investigator (PI) Prof. Kavi Arya. The morning session began with a panel discussion on the challenges of implementing National Education Policy (NEP) 2020. The panelists, comprising the Director of Technical Education (Maharashtra) Dr. Vinod Mohitkar, Padmashri Prof. Deepak Phatak (doyen of Distance Education in India), Prof. Rajan Welukar (Vice-Chancellor of ATLAS SkillTech University), Ashank Desai (Founder & Former Chairman of Mastek) and other eminent educators & researchers, discussed and explored a roadmap for overcoming the execution challenges of NEP.

Innovation Challenge business pitch and exhibition were highlights from Day 1 of the Symposium. Teams also had to showcase their prototypes and defend their products through rigorous queries on business and technical viability by the Jury members.

An interactive session was held to engage IIT Bombay faculty and researchers with the faculty members of e-Yantra lab colleges. The goal of this proactive effort was to enhance the quality of students and interns from participating colleges and to strengthen the student research outlook in these colleges.

E-Yantra hosted a first-of-its-kind design workshop in collaboration with DesignUp, the e-Yantra industry design partners. The purpose was to bring together designers and young

engineering students and their faculty from the eLSI lab colleges across the country. Prof. Arya says, “The objective is to show engineers how “design makes engineering edible”. Whereas engineers are good at solving problems, designers are more used to delivering a user experience to customers thus making a connect between solutions and society.”

Mr Sudhanshu Mani, the man behind the Vande Bharat Express graced the Symposium on Day 2. He shared with the participants the background story of the Vande Bharat Express and the lessons learnt during the process of development, while also highlighting the aspect of amalgamation of technology, engineering and design.

**Prof. Kavi Arya, the Principal Investigator of e-Yantra**, believes in changing the outlook of students from “knowledge consumers” to “knowledge creators.” He says, “At e-Yantra, it is not the competitions that weigh in, it is our collective efforts to bring young minds to a stage where they learn to face a challenge and navigate their ways out of it, is what we prioritize. This Symposium was held with the sole objective to bring not only the students but all the stakeholders of the growing e-Yantra ecosystem under one roof to deliberate on ideas of the present, for a better and brighter future.”

The two day event also exhibited various initiatives by e-Yantra since its commencement in 2009 and selected startups displayed their products that have resulted from e-Yantra alumni who were once the e-Yantra interns or participants/winners of the competitions.

The goal of the Challenge is to create “student innovators for local disruption.” e-Yantra strives to achieve the goals set by the National Education Policy through its engagement with all key stakeholders. e-Yantra initiatives complement the engineering education system to render students more employable and oriented toward innovation and entrepreneurship.

**Event Screenshots/Photos** : In VMCC, IIT Campus

College Code	College Name	Name	Gender
1611241	Don Bosco Institute of Technology	Bhadrakrupa Sathish Chandra	Male
1611242	Don Bosco Institute of Technology	Shobharajendraabande	Male
1611243	Don Bosco Institute of Technology	Jayesh Khakh	Female
1611244	Don Bosco Institute of Technology	Faroo Khan	Male
1611245	Dr. D. Y. Patil Institute Of Technology, Pune	SANKET PRADHUMAN C	Male
1611246	Dr. D. Y. Patil Institute Of Technology, Pune	Shubham Pissad	Male
1611247	Dr. D. Y. Patil Institute Of Technology, Pune	Shubham Pissad	Male
1611248	Dr. D. Y. Patil Institute Of Technology, Pune	Shubham Nandkumar Jadh	Male
1611249	Dr. J.J. Magdum College of Engineering	Prishana Manisha U	Female
1611250	Dr. J.J. Magdum College of Engineering	Kambale vishay T	Male
1611251	Dr. J.J. Magdum College of Engineering	Kardar Nitin Joshi	Male
1611252	Dr. J.J. Magdum College of Engineering	Shrawadha Niranjan Talhe	Female
1611253	Dr. J.J. Magdum College of Engineering	Naitram Shrikar	Male
1611254	Dr. J.J. Magdum College of Engineering	Anirudh Shivaji Rathod	Male
1611255	Dr. J.J. Magdum College of Engineering	Krishna Govind Prabhu	Male
1611256	Dr. J.J. Magdum College of Engineering	Manish Manoj Shinde	Male
1611257	Dr. J.J. Magdum College of Engineering	Sumedh Virram More	Male



**Ph 1: Registration list** : **Ph 2: 1Faculty & 3Students**

**Organizing Dept** : IIT Bombay, Mechanical department.

**Committee and its Members** : IIT/'B e\_Yantra team



[Gentle Reminder] e-Yantra, IIT Bombay: Sponsored Invitation for e-Yantra Symposium (eYS 2023)



External Inbox x

e-Yantra, IIT Bombay <helpdesk@e-yantra.org>

3:53 PM (19 minutes ago)



to me

from: **e-Yantra, IIT Bombay** <helpdesk@e-yantra.org>  
reply-to: support@e-yantra.org  
to: chavanbs@dbit.in  
date: Mar 18, 2023, 3:53 PM  
subject: [Gentle Reminder] e-Yantra, IIT Bombay: Sponsored Invitation for e-Yantra Symposium (eYS 2023)  
mailed-by: email@e-yantra.org  
signed-by: e-yantra.org  
security: Standard encryption (TLS) [Learn more](#)

Dear Sir/Madam,

Greetings from e-Yantra!

It gives us immense pleasure to share that the **e-Yantra Symposium (eYS 2023)** is scheduled on **April 5th & 6th, 2023 at IIT Bombay**. The purpose of this event is to inspire faculty and students by showing the exciting activities happening in other e-Yantra labs and to explore how to improve the innovation ecosystem in your own college.

This is the first post-pandemic offline symposium organised by e-Yantra and we are delighted to welcome attendees in-person after three years. The event includes design thinking activities/workshops, keynote, panel discussion and poster presentations and best-practices from the top 5 e-Yantra labs along with exhibitions of projects developed by e-Yantra Innovation Challenge finalists.

This year our Design partner, “**DesignUp**” has collaborated with e-Yantra to create a special workshop to sensitise engineers to the importance of Design Thinking. We plan an exciting workshop to give insights to ensure they give customers a wow experience while solving their problems.

A detailed schedule is available on the e-Yantra website - <https://www.e-yantra.org/eys>.

We would like to invite TWO teachers/higher authority (Principal/Dean/Director/HoD) from your college to attend the Symposium under the “**Sponsored**” category. A maximum of TWO bonafide teachers can attend the Symposium under this category.

### Sponsored Category (details):

- **Accommodation:** e-Yantra project provides **free accommodation** at the IIT Bombay guest house available on a twin sharing basis for a maximum of 2 nights (10:00 AM April 5th, 2023 to 10:00 AM April 7th, 2023). Please note that **no extension of stay is possible**.
- **Travel:** We give a '**Fixed Amount**' as a **one-off payment** to cover travel expenses incurred by you to participate in the Symposium. This is provided as a lump sum amount to each eligible participant. Detailed information is available on the [registration website](#).
- **Food:** Local hospitality is provided for the period of the Symposium.

\*e-Yantra strives to provide a comfortable stay to all the participants.

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As your college is an eLSI college, you can also nominate a maximum of four bonafide students/teachers under the "**Registered Invitees**" category where local hospitality **only** is provided.

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### Registered Invitees (details):

- **Travel and Accommodation:** Travel and accommodation expenses have to be borne by the attendees/college. e-Yantra project will not reimburse travel and accommodation expenses.
  - **Food:** Local hospitality (food only) is provided for the period of the Symposium.
  - A maximum of four attendees can be registered under this category
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**Registration for Symposium is on a First Come First Served (FCFS) basis.**

Please click on [eYS 2023: Registration](#) to register and confirm your participation for the event.

**There is NO registration fee for participating in the event. The registration link will be active till March 20th, 2023.**

### About Symposium:

The goal of e-Yantra is to create “**Student Innovators for Local Disruption**” around the colleges where we have a presence through e-Yantra labs. This year we have exciting stories to share about startups that have emerged from e-Yantra Labs. It will be rewarding for you to learn how e-Yantra labs have created and nurtured environments that lead to startup activity. Around active e-Yantra labs, we find superior performance in the challenging e-Yantra Competition, we find better placement packages for graduating students and we find a heightened startup activity amongst students and find empowered faculty. At this symposium, we have the opportunity to share our experiences to learn how to use e-Yantra labs to create the magic of empowerment through increased innovation and an academia-industry connection.

Looking forward to seeing you at IIT Bombay.

Please feel free to contact us if you need any clarifications:

Lab: 022-2576-4986; 022-2572-0184 / +91 8939705489

e-mail: [support@e-yantra.org](mailto:support@e-yantra.org)

–Regards e-Yantra Team IIT Bombay