


# Achievements

**A.Y. 2017-18**

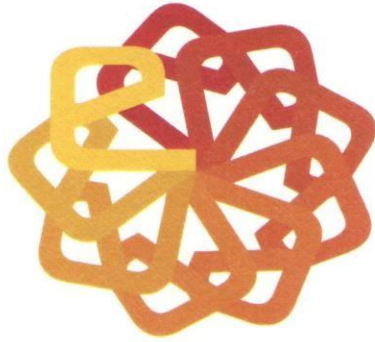
<b>Event name</b>	Regional Finals of the e-Yantra Ideas Competition (e-Yantra, IITB is a project sponsored by MHRD, Gov. of India, under the National Mission on Education through ICT (NMEICT))
<b>Team Members</b>	Aniket Kumbhar Dipesh Jadhav Prachi Bidaye Nikhil Patil
<b>Brief Description</b>	<b>Delta Bot using Smoothie Board</b> Delta-Bot is a tool which allows us to build accurate 3-D models of real object. Here Smoothie board is the controlling unit of our project. Any object can be printed if we have the 3-D design of that particular object..
<b>Benefit to society</b>	create a printer that prints accurately and with effective speed using Delta robotic design, its working technologies, and the possibility of taking the concept further.
<b>Venue/Organization By Date</b>	on 27 <sup>th</sup> February 2018
<b>Position Obtained</b>	Selected till regional final and obtained <b>Cash Prize:10000/-</b>
<b>Photographs</b>	
	<b>Students of VIVA Institute of Technology at Regional Finals of the e-Yantra Ideas Competition</b>



eYantra

Engineering a better tomorrow

ERTS Lab  
Department of Computer Science and Engineering  
Indian Institute of Technology Bombay  
Powai, Mumbai-400 076



## Certificate of Participation

This is to certify that *Rupesh Ramesh Ayare*, a student of *VIVA Institute of Technology, Thane* has participated in the Regional Finals of the e-Yantra Ideas Competition (eYIC-2018) held at *K.J.Somaiya College of Engineering, Vidya Vihar, Mumbai* on Tuesday, 27th February 2018.

He/She is a member of the team having the following team members,

1. *Prince Naresh Gautam*
2. *Vaibhav Santosh Burkul*
3. *Rupesh Ramesh Ayare*
4. *Sagar Panchal*

Mentored By: *Prof. Nutan Malekar*

This team demonstrated the project titled "*Wireless Led Controller*".

Prof. Kavi Arya  
Principal Investigator, e-Yantra  
Professor  
Department of Computer Science and Engineering  
Indian Institute of Technology Bombay



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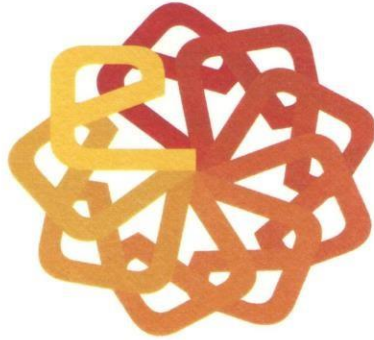
Certificate of Merit: awarded to finalist teams  
Certificate of Completion: awarded to teams for completing all the tasks of the competition  
Certificate of Participation: awarded to teams for partial completion of tasks in the competition  
Letter of Participation: awarded as an acknowledgement of participation on e-Yantra Letterhead



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## Certificate of Participation

This is to certify that *Prince Naresh Gautam*, a student of *VIVA Institute of Technology, Thane* has participated in the Regional Finals of the e-Yantra Ideas Competition (eYIC-2018) held at *K.J.Somaiya College of Engineering, Vidya Vihar, Mumbai* on Tuesday, 27th February 2018.

He/She is a member of the team having the following team members,

1. *Prince Naresh Gautam*
2. *Vaibhav Santosh Burkul*
3. *Rupesh Ramesh Ayare*
4. *Sagar Panchal*

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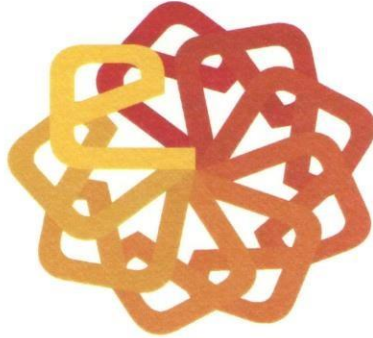
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## Certificate of Participation

This is to certify that *Vaibhav Santosh Burkul*, a student of *VIVA Institute of Technology, Thane* has participated in the Regional Finals of the e-Yantra Ideas Competition (eYIC-2018) held at *K.J.Somaiya College of Engineering, Vidya Vihar, Mumbai* on Tuesday, 27th February 2018.

He/She is a member of the team having the following team members,

1. *Prince Naresh Gautam*
2. *Vaibhav Santosh Burkul*
3. *Rupesh Ramesh Ayare*
4. *Sagar Panchal*

Mentored By: *Prof. Nutan Malekar*

This team demonstrated the project titled "*Wireless Led Controller*".

Prof. Kavi Arya  
Principal Investigator, e-Yantra  
Professor  
Department of Computer Science and Engineering  
Indian Institute of Technology Bombay




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# Achievements


A.Y. 2017-18

<b>Event name</b>	National Level Technical Project Competition
<b>Team Members</b>	Aniket Kumbhar Dipesh Jadhav Prachi Bidaye Nikhil Patil
<b>Brief Description</b>	<b>Delta Bot 3D Printer</b> Delta-Bot is a tool which allows us to build accurate 3-D models of real object. Here Smoothie board is the controlling unit of our project. Any object can be printed if we have the 3-D design of that particular object.
<b>Benefit to society</b>	3-D printers can be used in many industries and have many applications. This project aims to create a printer that prints accurately and with effective speed using Delta robotic design, its working technologies, and the possibility of taking the concept further. It will help it creating a better 3-D model printer
<b>Venue/Organization By Date</b>	Fr. Conceicao Rodrigues College of Engineering, Mumbai on 16 <sup>th</sup> March 2018
<b>Position Obtained</b>	First and obtained <b>Cash Prize of Rs.12000/-</b>
<b>Photographs</b>	
	<b>Students of VIVA Institute of Technolgy at Fr. Conceicao Rodrigues College of Engineering, Mumbai</b>




# Achievements

**A.Y. 2017-18**

<b>Event name</b>	National Level Project Competition at Padmabhushan Vasant Dada Patil Pratisthan's College of Engineering,Chembur Mumbai
<b>Team Members</b>	Aniket Kumbhar Dipesh Jadhav Prachi Bidaye Nikhil Patil
<b>Brief Description</b>	<b>Delta Bot using Smoothie Board</b> Delta-Bot is a tool which allows us to build accurate 3-D models of real object. Here Smoothie board is the controlling unit of our project. Any object can be printed if we have the 3-D design of that particular object. 3-D printers can be used in many industries and have many applications.
<b>Benefit to society</b>	This project aims to create a printer that prints accurately and with effective speed using Delta robotic design, its working technologies, and the possibility of taking the concept further. It will help it creating a better 3-D model printer.
<b>Venue/Organization By Date</b>	Padmabhushan Vasant Dada Patil Pratisthan's College of Engineering,Chembur Mumbai on 12 <sup>th</sup> to 16 <sup>th</sup> March 2018
<b>Position Obtained</b>	Winner
<b>Photographs</b>	 A photograph showing four students (three men and one woman) standing in a row next to their project display. The display includes a 3D printer and a poster titled 'DELTA BOT'. The students are wearing lanyards with ID cards. The background is a plain wall.
	<b>Students of VIVA Institute of Technoly at Padmabhushan Vasant Dada Patil Pratisthan's College of Engineering, Chembur</b>

# Achievements

**A.Y. 2017-18**

<b>Event name</b>	OSCILLATIONS-2018 Technical Paper Presentation
<b>Team Members</b>	Manjusha Karkera, Shubham Pote, Mayur Mestry, Smita Pandhare
<b>Brief Description</b>	<b>FARM MONITORING BASED ON UAV</b> It works to improve e-farming concept in fruit farming. The basic idea is Fly camera and sensor equipped UAV through orchard, acquired video data from UAV by means of Radio Communication and then performing some image processing techniques on video data.
<b>Benefit to society</b>	This process will tell the farmer about current condition of field which includes Fruit's quality, ripeness and any defects in it, and also the health of leaves of plant. This type of assist can help in farm management and decreases use of resources.
<b>Venue/Organization By Date</b>	Vidyavardhinies College of Engineering & Technology, Vasai on March 2018
<b>Position Obtained</b>	First
<b>Photographs</b>	
	<b>Students of VIVA Institute of Technology at OSCILLATIONS-2018 at VCET, Vasai</b>

# Achievements

**A.Y. 2017-18**

<b>Event name</b>	National Level Students Conference on Frontiers in Engineering and Technology Applications (NSCFET)
<b>Team Members</b>	Paras Sangle, Rishabh Pandye, Ameya Shinde, Akash Sakpal
<b>Brief Description</b>	<p><b>“HAND GESTURE REGONITION AND VOICE CONVERSION SYSTEM USING SING LANGUAGE”</b></p> <p>Students developed the glove with flex sensor that translate Hand gesture into speech, in order to make the communication take place between the mute communities and the normal humans. A gloves is used which is normal cloth driving gloves fitted with flex sensors along five fingers and Deaf people can use the gloves to perform hand gesture and it will be converted into speech by using microcontroller so that normal people can understand their expression</p>
<b>Benefit to society</b>	Hand gesture is the used by deaf people and it is a way of communication that uses hand gestures use in place of voice to convey meaning, orientations and movement of the hands used to communicate words and sentences to audience.
<b>Venue/Organization By Date</b>	Ramrao Adik Institute of Technology, Navi Mumbai on 5 <sup>th</sup> & 6 <sup>th</sup> April 2018
<b>Position Obtained</b>	<p>Best Paper of the Session Award</p> <p><b>Cash Prize 1000/-</b></p>
<b>Photographs</b>	
	<p style="text-align: center;"><b>Students of VIVA Institute of Technolgy at National Level Students Conference on Frontiers in Engineering and Technology Applications, RAIT, Navi Mumbai</b></p>



# Achievements

**A.Y. 2017-18**

<b>Event name</b>	OSCILLATIONS-2018 Technical Paper Presentation
<b>Team Members</b>	Paras Sangle, Rishabh Pandye, Ameya Shinde, Akash Sakpal
<b>Brief Description</b>	<b>“HAND GESTURE REGONITION AND VOICE CONVERSION SYSTEM USING SING LANGUAGE”</b> Students developed the glove with flex sensor that translate Hand gesture into speech, in order to make the communication take place between the mute communities and the normal humans. A gloves is used which is normal cloth driving gloves fitted with flex sensors along five fingers and Deaf people can use the gloves to perform hand gesture and it will be converted into speech by using microcontroller so that normal people can understand their expression
<b>Benefit to society</b>	Hand gesture is the used by deaf people and it is a way of communication that uses hand gestures use in place of voice to convey meaning, orientations and movement of the hands used to communicate words and sentences to audience.
<b>Venue/Organization By Date</b>	Vidyavardhinies College of Engineering & Technology, Vasai on 16 <sup>th</sup> March 2018
<b>Position Obtained</b>	Second
<b>Photographs</b>	
	<b>Students of VIVA Institute of Technolgy at OSCILLATIONS-2018 at VCET, Vasai</b>

# Achievements

**A.Y. 2017-18**

<b>Event name</b>	Regional Finals of the e-Yantra Ideas Competition (e-Yantra, IITB is a project sponsored by MHRD, Gov. of India, under the National Mission on Education through ICT (NMEICT))
<b>Team Members</b>	Prince Gautam, Vaibhav Burkul, Rupesh Ayare
<b>Brief Description</b>	Wireless LED Controller A controller to adjust the brightness and colour of RGB LED is done by means of varying the Pulse Width Modulated (PWM) wave. A wireless device (Bluetooth or other) will be used for adjusting the LED brightness. With the help of three colours i.e. RGB, multiple colours and shades can be formed by varying the intensity of each colour of the LED. As per the requirement of the application, the brightness and colour can be controlled to achieve desired requirement.
<b>Benefit to society</b>	Its application are in indoor lighting systems, theatrical house side lighting, agriculture lighting and many other areas. The key advantage of this project is that it has low power consumption and better durability than conventional lighting systems.
<b>Venue/Organization By Date</b>	27 <sup>th</sup> February 2018
<b>Position Obtained</b>	Selected till regional final and obtained <b>Cash Prize:10000/-</b>
<b>Photographs</b>	
	<b>Students of VIVA Institute of Technolgy at Regional Finals of the e-Yantra Ideas Competition</b>

<b>Sr. No.</b>	<b>Name of Student</b>	<b>Year</b>	<b>Inter Institute Event</b>	<b>Prize/ participant</b>
1	Rohit Pandey Rhul Mishra Jay Mistry Parikshit Nishad	2017- 2018	VIVA Converge Inter college Mini Project Showcase	1st Prize Cash Prize Rs.1500/-
2	Soham Naik Sumit Mondal Mayuresh Pawar Omkar Bhushankar	2017- 2018	VIVA Converge Inter college Mini Project Showcase	2nd Prize Cash Prize Rs.1000/-
3	Umang Kacha Ravi Mourya Navin Jha Manisha Mane	2017- 2018	VIVA Converge Inter college Mini Project Showcase (Poster Presentation)	1st Prize Cash Prize
4	Akshay Tari Happyraj Yadav Akash Thakre Bhakti Shetty	2017- 2018	VIVA Converge Inter college Mini Project Showcase (Poster Presentation)	2nd Prize Cash Prize
5	Suraj Gupta Anuj Gupta Amitendra haradwaj Chirag Arekar	2017- 2018	VIVA Converge Inter college Mini Project Showcase (Best Algorithm)	Special Prize
6	Chirag Choudhari Nilay Birmole Piyush Gaikwad	2017- 2018	VIVA Converge Inter college Mini Project Showcase (Best Idea)	Special Prize
7	Omkar Bhushankar Shailesh Gharade Yoshin Engineer Niraj Dixit	2017- 2018	VIVA Converge Inter college Mini Project Showcase (Best Presentation)	Special Prize