


Achievements

A.Y. 2019-20

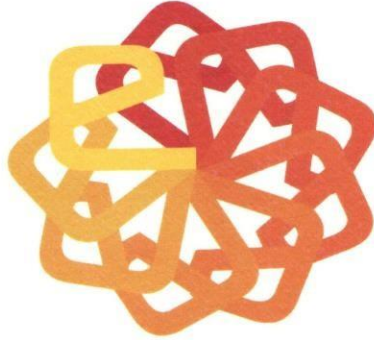
Event name	E-Yantra 2019-20
Team Members	Reethik thota, Akash Tripathi, Pravin Choudhary
Brief Description	<p>Plastic and other non-biodegradable products have been a part and partial of our life, we humans use such products in our daily routine and hence has increased the amount of waste materials generated from it. It is estimated that as of now 79% of our landfill, oceans and other water bodies are accumulated by these plastic and other non-biodegradable waste as per "THE TIMES OF INDIA". The amount of waste products dumped in oceans is increasing at an alarming rate due to which it causes an adverse effect on the quality of water, effect the life of marine flora and fauna and at last also affect the flora and fauna on land. The nuisance created by this waste is increasing and we need to overcome this. How to overcome this?? It is better to remove this waste from the water at first. The removal of these waste can be carried out by an automated system called "SEA BIN" which on site removes the waste that is non-biodegradable waste through a sucking process. The system can automatically collect the waste and can store it till the bin gets completely filled.</p>
Benefit to society	Cleaning of water body waste
Venue/Organization By Date	IIT Powai
Position Obtained	Selected till National final and obtained Cash Prize:5000/-
Photographs	



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



Certificate of Participation

This is to certify that *Akash Sushil Tripathi*, a student from *VIVA Institute of Technology, Palghar* has participated in the Regional Finals of the e-Yantra Ideas Competition (eYIC 2019-20) held at *K. J. Somaiya College of Engineering, Mumbai* on *27th & 28th February 2020*.

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

1. *Reethik Raju Thota*
2. *Akash Sushil Tripathi*
3. *Pravin Jodharam Choudhary*
4. *Sreetish Ravindran Mundayat*

Mentored By: *Prof. Kushal Suvarna*

This team demonstrated the project titled "*Automated Sea Bin*".

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



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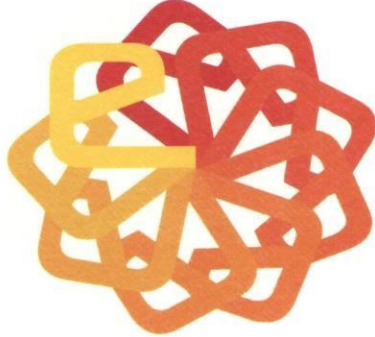
Certificate of Merit: awarded to finalist teams
Certificate of Completion: awarded to teams for completing all the tasks of the competition
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Certificate of Participation

This is to certify that *Pravin Jodharam Choudhary*, a student from *VIVA Institute of Technology, Palghar* has participated in the Regional Finals of the e-Yantra Ideas Competition (eYIC 2019-20) held at *K. J. Somaiya College of Engineering, Mumbai* on *27th & 28th February 2020*.

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

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3. *Pravin Jodharam Choudhary*
4. *Sreetish Ravindran Mundayat*

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This team demonstrated the project titled "*Automated Sea Bin*".

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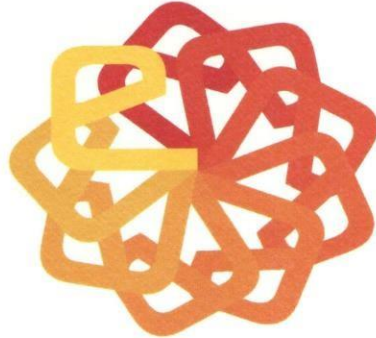
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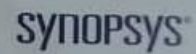
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Achievements

A.Y. 2019-20

Event name	Anveshana 2019-20
Team Members	Reethik Thota, Aakash Tripathi
Brief Description	<p>The rate of migration from rural to urban areas is increasing across the world day by day. By 2050, around 70% of the people will be living in cities and India is no exception in this regard. There is an emerging need for the cities to get smarter in India so that it would tackle the issues related with the large-scale urbanization. This project proposed a city which would be equipped with basic infrastructure to give a decent quality of life.</p> <p>The proposed city is smart enough to minimize the harm done by human to earth by saving gigawatts of power with adding just a few extra bits to existing infrastructure.</p>
Benefit to society	Convenience for human beings
Venue/Organization By Date	Mumbai
Position Obtained	Consolation Prize
Photographs	



Certificate of Achievement

This is to certify that

Mr. Akash Sushil Tripathi

from VIVA Institute of Technology- Virar College / School

has won consolation Prize in Anveshana 2020 Science & Engineering Fair
on 16th, 17th, & 18th, Feb 2020 Mumbai

Ramji Raghavan
Chairman
Agastya International Foundation



Dr. Pradip K. Dutta
Group Vice President
& Managing Director,
Synopsis South Asia



Certificate of Achievement

This is to certify that

Mr. Reethik Raju Thota

from VIVA Institute of Technology- Virar College / School

has won consolation Prize in Anveshana 2020 Science & Engineering Fair
on 16th, 17th, & 18th, Feb 2020 Mumbai


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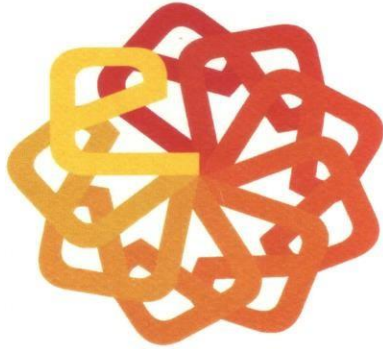
Event name	E-Yantra 2019-20 e-Yantra, IITB is a project sponsored by MHRD, Gov. of India, under the National Mission on Education through ICT (NMEICT))
Team Members	Nikhil Naidu, Aakansha Bomble, Mokshada Kesarkar, Tejashree Jadhav
Brief Description	The project is used to control traffic signals in an effective way using image detection and control timing of traffic signals.
Benefit to society	Road traffic management
Venue/Organiz ation By Date	IIT Powai
Position Obtained	Selected till regional final and obtained Cash Prize:5000/-
Photographs	



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Certificate of Participation

This is to certify that *Tejashree Jadhav*, a student from *VIVA Institute of Technology, Palghar* has participated in the Regional Finals of the e-Yantra Ideas Competition (eYIC 2019-20) held at *Adani Institute of Infrastructure Engineering, Ahmedabad* on 3rd & 4th March 2020.

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

1. *Nikhil Naidu*
2. *Tejashree Jadhav*
3. *Mokshada Kesarkar*
4. *Aakanksha Bomble*

Mentored By: *Prof. Nutan Malekar*

This team demonstrated the project titled "*Real-Time Smart Traffic Management / Monitoring System For Emergency Vehicles*".

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



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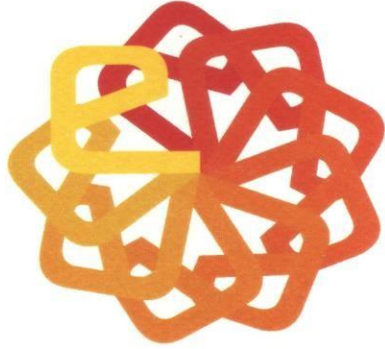
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Certificate of Participation

This is to certify that *Aakanksha Bomble*, a student from *VIVA Institute of Technology, Palghar* has participated in the Regional Finals of the e-Yantra Ideas Competition (eYIC 2019-20) held at *Adani Institute of Infrastructure Engineering, Ahmedabad* on 3rd & 4th March 2020.

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

1. *Nikhil Naidu*
2. *Tejashree Jadhav*
3. *Mokshada Kesarkar*
4. *Aakanksha Bomble*

Mentored By: *Prof. Nutan Malekar*

This team demonstrated the project titled "*Real-Time Smart Traffic Management / Monitoring System For Emergency Vehicles*".

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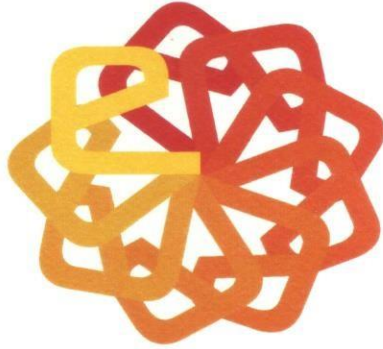
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Certificate of Participation

This is to certify that *Mokshada Kesarkar*, a student from *VIVA Institute of Technology, Palghar* has participated in the Regional Finals of the e-Yantra Ideas Competition (eYIC 2019-20) held at *Adani Institute of Infrastructure Engineering, Ahmedabad* on 3rd & 4th March 2020.

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

1. *Nikhil Naidu*
2. *Tejashree Jadhav*
3. *Mokshada Kesarkar*
4. *Aakanksha Bomble*

Mentored By: *Prof. Nutan Malekar*

This team demonstrated the project titled "*Real-Time Smart Traffic Management / Monitoring System For Emergency Vehicles*".

Prof. Kavi Arya
Principal Investigator, e-Yantra
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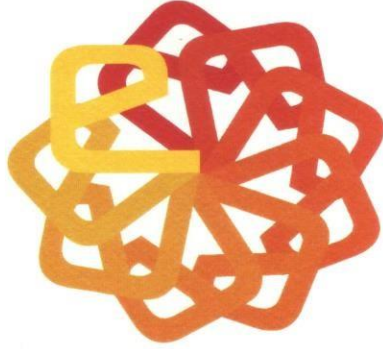
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Certificate of Participation

This is to certify that *Nikhil Naidu*, a student from *VIVA Institute of Technology, Palghar* has participated in the Regional Finals of the e-Yantra Ideas Competition (eYIC 2019-20) held at *Adani Institute of Infrastructure Engineering, Ahmedabad* on *3rd & 4th March 2020*.

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

1. *Nikhil Naidu*
2. *Tejashree Jadhav*
3. *Mokshada Kesarkar*
4. *Aakanksha Bomble*

Mentored By: *Prof. Nutan Malekar*

This team demonstrated the project titled "*Real-Time Smart Traffic Management / Monitoring System For Emergency Vehicles*".

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Sr. No.	Name of Student	Year	Inter Institute Event	Prize/ participant
1	Krishna Patwa	2019-2020	Quiz on Circuit Theory Competition organized by TCET	3 rd Prize
2	Rubini Pulliadi, Jiteshkumar Yadav	2019-2020	Project titled, “Brainwave Controlled Wheelchair” Project Competition TANTRA 2K20 Organized by Padmabhushan Vasantdada Patil Pratishthan’s College of Engineering, Sion,	won 2nd prize and cash prize of worth Rs.1500/-
3	Reethik Thota, Riddhi Kadam, Akash Tripathi, Pravin Choudhary	2019-2020	Project titled “ GoCorona ”, COVID 19 National Bio Informatics Online Hackathon	Awarded the citation as STATE LEVEL full stacker at “ Intermediate level ” for being among the top 50 teams for Android App development
4	Nilesh Ohol	2019-2020	Project titled “ VirusBaba ”, COVID 19 National Bio Informatics Online Hackathon	Awarded the citation as STATE LEVEL full stacker at “ Basic Level ” for being among the top 50 teams for Android App development