Other Achievements

1. Our students Mr. Kiran Parte, Piyush, Ajit, and Kedar from D14 EXTC and Nishit from D7 CMPN received second prize and Award at National Level Project competition at SAINTGITS College of Engineering, Kottayam Kerala. on 14th Feb 2017. Their project idea was on Semo-Autonomous River Cleaning Robot.

2. Akshay Therani (D19 B), Vinita Shetty (D19 B), Vaibhavi Vichare (D19 B), Yogita Wadhwara (D19 A) won third position in 8th Indian Youth Science Congress Poster Presentation for their topic on " NEXT GENERATION PCB FAULT DETECTION AND RECTIFICATION"

3. Harsh Bhatia - D19C, Priyank Bhatt - D19C, Zarana Matani - D19C, Yash Nasarpuri - D19C secured the consolation prize(third position) at the National Level Project competition event - INNOVATIONS'17 for their Final Year Project titled - "Voice Controlled Human Assistant - HuBot"

1. Ph.D Project: The SRF Mrs Shilpa S.Joshi has presented a paper 'Novel Hybrid Filtering Techniques for Removal of Speckle Noise from Medical Image' in Inter University Research Convention Avishkar 2016-17 (Ph.D Category) and got Third Prize, Under the guidance of Dr.R.K.Kulkarni.

2. The UG Project : The students of D19B EXTC final year – Ramanathan Choodamani, Shivesh Hiranandani, Shubham Koyande, Ketan Vaidya, guided by Mrs. Ashwini Sawant, successfully presented project titled 'Road Divider Based Power Generation and Street Light Illumination' which won the 2nd position in University Final Round of AVISHKAR 2016-17 - A Research Convention. The proposed model demonstrates the generation of electricity with the help of wind energy from the vehicular movement on the highways. The light automation helps in efficient use of generated electricity

Annual Prize Distribution Ceremony

Annual Prize Distribution Ceremony was held on 18th March 2017. Ms. Tanushree Bagrodia, (Computer – 2001), CFO and VP-IT of NRB Bearings Ltd was Chief Guest of the function. Shri. Dinesh Tahiliani, Secretary, VES, and Shri. B.L. Boolani, Trustee, VES addressed the students.
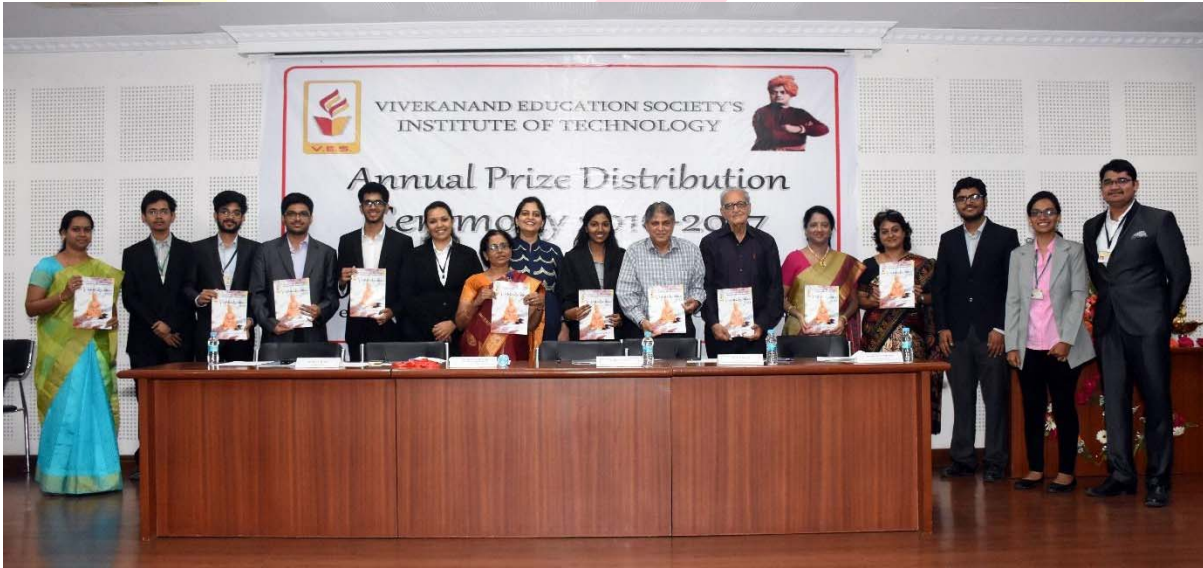
The extension of VESIT's Building :

The extension of VESIT's building from both the sides has been undertaken. 6th March 2017 was chosen as the auspicious day for Bhoomi poojan.

Degree Distribution Ceremony 2016-17

The Degree Distribution Ceremony for the 2015-2016 batch was held on February 18, 2017. The keynote speakers were Dr. B. K. Dutta (Dean HBN), Shri Britto (Technical Director, RCF) and Shri. Pankaj Doke (Senior Scientist, Tata Consultancy Services).

Our Trustees Mr. Mahesh Tejwani, Shri. Dinesh Tahiliani , Shri. Amar Asrani, & Shri. Suresh Malkani along with Dr. (Mrs.) J. M. Nair, Dr. (Mrs.) M. Vijayalaxmi were present on this occasion.

The ceremony was divided into two sections: The Degree Distribution ceremony for the departments of EXTC, ETRX and Instrumentation was held in the morning and for the Departments of Information Technology, Computers and MCA, it was in the afternoon.

'Yoga in education and its benefits in Daily life'

Yoga is the artwork beautifully crafted on the canvas of body, mind and soul. It isn't about touching your toes, it's about the realisation you get on your way down. To resonate these serene ideologies an interactive session on 'Yoga in education and its benefits in Daily life' was held in VESIT on 25th March, Saturday.Our guest of honour, Dr Nagendra started the discussion with a short introduction to familiarise the audience with the vital role of yoga. He is the former vice-chancellor of Swami Vivekananda Yoga Anusadhana Samastana (S-VYAS). The event was organised by our trustee Dr Lulla and was attended by all the trustees and Heads of Institute. The audience was enthralled by the plethora of yoga's benefits presented before them.

Visit of Maharashtra Revenue & Public Works Minister Shri Chandrakant Patil :

The life of Hashuji Advani, philanthropist and founder of Vivekanand Education Society (VES), is an ode to attaining the true ideals of the teachings of Swami Vivekanand, on whose teachings stands the foundation of this mighty institution, said Maharashtra Revenue& Public Works Minister Shri Chandrakant Patil. The Minister at an event organized in Vivekanand Education Society's Institute of Technology (VESIT) to commemorate the 91st birth anniversary of Hashuji Advani, observed as "Nishkam Divas".

Visit of Shri Sudhir Mungantiwar, Minister of Finance, Planning & Forest, Govt. of Maharashtra

Shri Sudhir Mungantiwar, Minister of Finance, Planning & Forest, Govt. of Maharashtra, visited the VES campus on March 1 and motivated the participants at Connect 17, a seminar organized by Yuva for Seva, student wing of Vivekanand Education Society for bridging the gap between students, non-government organizations (NGOs) and Corporate Social Responsibility (CSR) professionals. The seminar also aimed to sensitize the student fraternity towards implementing social work agendas through Student Social Responsibility (SSR) initiatives. Several NGOs participated in the day-long seminar which involved deliberations and interactive sessions helmed by eminent corporate and social sector personalities.

PRME

Vivekanand Education Society, Chembur is a signatory of PRME (Principles of Responsible Management Education), a United Nations Global Compact initiative, aimed at training students in the critical domains of sustainability and responsibility.

ALUMNI MEET

The Alumni meet was conducted on 7th January 2017 in the Amphitheatre at 7:00 PM.

The event started off with inspiring words by our Managing Trustee Shri. Dinesh Tahliani & Member Trustee Shri. Suresh Bharwani. The distinguished Alumni Award was presented to following alumus.

Ms. Tanushree Bagrodia, (Computer – 2001), CFO and VP-IT of NRB Bearings Ltd (turnover USD 100m and Market Cap USD 200m), a leading provider of anti friction solutions to the global mobility industry.

She became the youngest CFO of a listed top 500 company in India. In March 2016 she was honoured as a top 100 CFO in India by CFO India and by UK's CIMA, and was the youngest woman in the honour roll. She is an invited member of CII's National CFO committee and a regular contributor at CII events. She was invited by FICCI to lead the automotive sector for an Indo-Mexican trade delegation to Mexico. In April 2016, INSEAD honoured her as the INSEADer of the month, a recognition for distinguished alumnus that include the current Finance Minister of Canada.

A keen observer of Indian politics, she covered the 2009 general elections for a US based online magazine, The south Wing. A thoughtful leader, she contributes to varied CFO publications and an aspiring writer, she has a regular blog that expresses her views on varied topics from women empowerment to life to city infrastructure.

Mr. Anubhav Sonthalia, (Computer – 2002) Co-founder & COO, SokratiAnubhav is responsible for formulating digital marketing strategies, managing ad spends, and driving transactions for Sokrati's numerous clients across seven countries, headquartered in Pune, India. He leads a team of 130 expert business analysts and oversees operations and delivery for Sokrati. Prior to co-founding Sokrati, Mr. Sonthalia was Product and Program Manager at Amazon Seattle, driving efficiency at scale for Amazon's Comparison Shopping Program.

Before moving to Product Management, Anubhav worked as a Software Engineer at Amazon, conceptualizing and implementing solutions for managing large (running into tens of millions of rows a day) data feeds from partners. Prior to joining Amazon, he built semantic web services used in biogrid task computing.

The brain behind all business operations in Sokrati, Anubhav leads with a keen diligence and thorough digital industry knowledge, and shares his key experiences at national and international forums.

Mr. Neeraj Vashi,(Computer -1990-91) (Founder and Director of Nivalink, a renowned travel services outfit since year 2000. Nivalink today is an expert in complex travel having offices in Mumbai, Delhi / NCR, Ahmedabad and Chennai. Nivalink till date would have catered to about 300,000+ customers, across 100+ cities in India and 50+ countries worldwide. Nivalink annually sends customers to about 500+ destinations to about 50+ countries worldwide.

VESIT distinguished Alumnus Mr. Dilipkumar Khandelwal, Managing Director, SAP Labs
India and Executive VP & Global Head of Suite Engineering is selected in **"40 UNDER FORTY"**
- India's Hottest Young Business Leaders 2016.

Press release of The Economics Times , Pg. No. 15,20 & 21 Dt. 28.9.2016.

Local Inquiry Committee Visits

Visit of Local Inquiry Committee – Mumbai University for **continuation of affiliation for B.E. Computer Engineering (Regular Second Shift) & B.E. Electronics & Telecommunication Engineering (Direct Second Year) (Regular Second Shift) and MCA Second Shift** was held on **18.04.2017 where Prin. Ashok Bhonsale,** Vidyavardhini College Of Engineering (Convener) **, Prin. Dr. Sunil Chavan ,** Indira Gandhi College of Engineering & **Dr. Bhushan Patil , Professor,** Father Agnel C. R. College of Engineering visited the Institute.

Recommended Continuation of Affiliation letter for the same was received vide University letter No. Aff/ICE/2017-18/258 Dt. 21.6.2017

Visit of Local Inquiry Committee – Mumbai University for **Permanent affiliation for M.E.** courses was held on **14.03.2017 where Prin. Suresh Ukarande** , K.J. Sommaiya Institute Of Technology**, , Prin. Dr. J. W. Bakal,** S.S. Jondhale College of Engineering & **Dr. Deven Shah**, Professor, Thakur College of Engineering visited the Institute.

AICTE EXTENDED EOA (A.Y. 2017-18 TO A.Y. 2019-2020) (FOR THREE YEARS)
As per the AICTE Approval Process Handbook 2017-18 Clause 1.2 of Chapter - I (Extension of Approval in Lieu of fulfillment of criteria of 50% NBA Accredited course), scrutiny of the original documents was held on 4th March 2017 at VJTI and AICTE recommended Extended period of approval (one Time) for A.Y. 2017-18 TO A.Y. 2019-2020. Processing fee of Rs.75,000/- per year for Extension of Approval will be waived during this period.

Institute Advisory Board (IAB)
This year the IAB met on 4th April , 2017 and deliberated on the activities of institute. The Advisory board members advised the Principal and the institute staff in the development and implementation of the Institute's Strategic Plan, annual activity plans and strategic initiative budget. The Board's focus is on research, policy and program issues and future plans.

E-YANTRA IDEA COMPETITION:

e-Yantra Idea Competition:- e-Yantra Ideas Competition provides a platform for elsi (e-Yantra Lab Setup Initiative) college students to implement and showcase their innovative ideas.The idea portrayed by our student was Pothole Management System Using Image Processing.

The e-Yantra Team collecting their Prize

दोन भावांची हटके 'डोकॅलिटी' : पाइपलाइन व्यवस्थेचे आयुर्मान वाढवणे शक्य होईल

भूमिगत पाइपलाइनच्या पाहणीसाठी 'रोबो'

मुंबई : कालबाह्य आणि झिजलेल्या पाइपलाइनमुळे मौल्यवान पाणी वाया जाते. अचूक पाहणी व्यवस्थेच्या अभावामुळे हा प्रश्न अधिक गंभीर होत आहे. यावर उपाय शोधत विवेकानंद एज्युकेशन सोसायटीज् इन्स्टिट्यूट ऑफ टेक्नॉलॉजीच्या इलेक्ट्रॉनिक्स इंजिनीअरिंग आणि सोमय्या महाविद्यालयातील दोन भावांनी मिळून 'रोबो'ची निर्मिती केली आहे.

इलेक्ट्रॉनिक्स इंजिनीअरिंगच्या तृतीय वर्षाला असलेला विद्यार्थी रोहित कश्यप आणि सोमय्या कॉलेजमधील विद्यार्थी राहुल कश्यप यांनी इन-पाइप पाहणी करण्यासाठी 'सेपर - सेमी-ऑटोनॉमस पाइपलाइन एक्स्प्लोरेशन रोबो' तयार केला आहे.

सध्याच्या पाइपलाइन भूमिगत आहेत आणि पारंपरिक पाहणी पद्धतीद्वारे त्यांचे मूल्यमापन सहजपणे करणे शक्य नाही. या पाइपलाइन चांगल्या स्थितीत ठेवण्यासाठी आणि भविष्यातील संकट टाळण्यासाठी त्यांची नियमितपणे पाहणी करणे आवश्यक आहे. मुंबईतील पाइपलाइनचे व्यवस्थापन करण्याची जबाबदारी असलेल्या बृहन्मुंबई महानगरपालिकेकडे (बीएमसी)

'सेपर' म्हणजे आधुनिक पाइपलाइन व्यवस्थेची स्थिती तपासण्यासाठी व नोंदवण्यासाठी शोधलेला परिपूर्ण व किफायतशीर उपाय आहे. ठगाळ स्थितीमध्ये इमेजेस घेण्याच्या आणि यूएव्हीने समाविष्ट करता येईल अशा अंतराच्या बाबतीत, पाइपलाइनची पाहणी करण्याच्या सध्याच्या तंत्रज्ञानाच्या काही मर्यादा आहेत. विद्यार्थ्यांना त्यांच्या या प्रकल्पामध्ये व्हीईएसआयटीचे प्रा. अभिजित शेटे यांनी मार्गदर्शन केले. त्यांनी विद्यार्थ्यांना प्रकल्प विकासाच्या प्रत्येक महत्त्वाच्या टप्प्यात मोलाचे मार्गदर्शन केले.

विशिष्ट यंत्रणा असून, त्यामध्ये रस्त्याच्या जाळ्याखाली असलेल्या पाण्याच्या पाइपलाइनमधील गळती शोधण्यासाठी साउंडिंग रॉड घेतलेले

'साउंडिंग मुकादम' फेऱ्या मारतात. पाइपची पाहणी करण्यासाठी उपाय म्हणून आणि सध्याचे नुकसान व झीज यांचे प्रमाण नोंदविण्यासाठी,

कालबाह्य तंत्रज्ञानावर 'सेपर'चा नवा पर्याय

या तंत्रज्ञानांची अंमलबजावणी करण्यासाठी प्रचंड खर्च करावा लागतो. नवी तंत्रज्ञान गॅझेट आणि मोठ्या दबावाखाली काम करण्याची सिद्ध झालेली क्षमता असलेला 'सेपर' सध्याच्या कालबाह्य तंत्रज्ञानाला तांत्रिकदृष्ट्या व्यवहार्य पर्याय ठरू शकतो, असे रोहित कश्यप यांनी स्पष्ट केले.

'सेपर' राष्ट्रीय स्तरावर सेमी फायनलमध्ये दाखल

'सेपर'ने नियंत्र या तांत्रिक ज्ञान वापरुन प्रत्यक्ष जीवनातील प्रश्न सोडवण्यासाठी इंजिनीअरिंगच्या विद्यार्थ्यांना प्रोत्साहन देणाऱ्या नॅशनल इन्स्ट्रूमेंट्सने आयोजित केलेल्या वार्षिक स्टुडंट डिझाइन कॉंटेस्टच्या सेमी-फायनल फेरीमध्ये प्रवेश केला आहे.

केवळ पुस्तकी ज्ञान नको; कार्यक्षमतेवर अधिक भर

प्रत्यक्ष आयुष्यातील आव्हानांवर उपाय शोधण्यासाठी केवळ पुस्तकी ज्ञान उपयोगी नाही. कार्यात्मक क्षमता वाढविण्यावर भर देत असताना, विद्यार्थ्यांना विश्वासार्ह पर्याय विकसित करण्यासाठी आपले ज्ञान व कौशल्य वापरण्यासाठी प्रोत्साहन मिळणे महत्त्वाचे आहे. तरुणांना मार्गदर्शन करणे, त्यांची सर्जनशील क्षमता योग्य दिशेला वळवणे आणि शास्त्रीय बाबतीत सुसज्ज अशा प्रोफेशनल्सची निर्मिती करणे, ही सक्षम आणि स्वयंपूर्ण भारत घडविण्याची गुरुकिल्ली आहे.

- डॉ. जे. एम. नायर, प्राचार्य,
विवेकानंद एज्युकेशन सोसायटीज् इन्स्टिट्यूट ऑफ टेक्नॉलॉजी

जेणेकरुन पाइपलाइन व्यवस्थेचे आयुर्मान वाढविण्यासाठी महत्त्वाची धोरणे आखण्यासाठी मदत होईल, 'सेपर'ची निर्मिती करण्यात आली

आहे. त्याचा उपयोग, तेल व वायू वाहून नेणाऱ्या पाइपलाइनची कार्यक्षमता तपासण्यासाठीही करता येऊ शकतो. (प्रतिनिधी)

SAPER – Semi-Autonomous Pipeline Exploration Robot

Contact Information

- University:
    1. Vivekanand Education Society's Institute of Technology, Mumbai.
    2. K. J. Somaiya College of Engineering, Mumbai (Autonomous).
- Team Members (Year of Graduation):
    1. Rohit Kashyap (2018).
    2. Rahul Kashyap (2018).
- Faculty Guide:
    1. Prof. Abhijit Shete (Vivekanand Education Society's Institute of Technology)

Project Information

- *Title:* SAPER – Semi-Autonomous Pipeline Exploration Robot.

- *Description:*

    Existing pipeline systems are located underground and cannot be frequently monitored by conventional monitoring systems. Inspection of these pipelines on a regular basis is essential to keep them functional and prevent future disasters. SAPER is an in-pipe exploration robot that can help local corporations identify the problems in the existing network of ducts and pipelines without excavating and before they lead to disasters like floods, contaminated drinking water, health hazards, etc. SAPER has been devised as a one-stop solution to undertake a visual inspection of pipes and document the extent of corrosion and damages in real-time environments, helping in planning out critical strategies for extending the lifespans of pipeline systems.

- *The Challenge:*

    The existing network of pipelines comprises of pipes of various diameters and fixtures like 45° & 90° elbows, T & Y-branches, etc. The main aim was to design a robot that could easily adjust in any pipe size and traverse in such fixtures without any difficulties. The second challenge was to deploy reliable sensors and actuators on the robot that could help in good locomotion and provide accurate data to determine the health of a pipe.

- *Products:*
    - **NI Hardware & Software:** NI myRIO-1900, NI LabVIEW 2015.
    - **Other Hardware:** USB Camera, Sharp IR Sensor GP2Y0A21YK0F, Dual Shaft BO Motors, Central Shaft DC Motors, Servo Motor MG-995, Photo-interrupter Sharp GP1A52HRJ00F, Encoder Metal Disc, Rotary Encoder KY-040, Gas Sensor MQ2, Temperature Sensor LM35, Gyroscope MPU6050, L298 Motor Driver, LM2596 Buck Converters, USB Hub, USB 2.0 Flash Drive, etc.

- *The Solution:*
  - Our design is based on *Inverted V'* structure with caterpillar tracks & wall press mechanism in the first model to ensure good contact surface area and firm grip.
  - The caterpillar tracks provide locomotion and the links with springs are useful to adjust to the pipe size.
  - In the second model, dual shaft BO motors are connected 120^0 apart and used for locomotion while a universal joint is made using servo motors for steering purpose. Lead screw mechanism is used to adapt to the varying pipe size.
  - All the hardware & supported electronics circuits are deployed on both the models and a report is generated, analysis of which helps in determining the pipe's health.
  - The prototypes are fully functional only for dry pipes and their build time was around three months.
  - At present, the prototypes designed were manufactured using acrylic and were not specific to any particular domain.

Remote Patient Health Monitoring System

Four final year Electronics and Telecommunication students Ashni Damaria, Laveena Dulani, Preksha Goyal and Rahul Goswami have gone beyond textbooks to develop a prototype, the remote patient health monitoring system, that will help doctors monitor rural patients' vital signs to facilitate better diagnosis. What started out as a final year project may now turn into something that could boost rural healthcare in the region. The students pooled in resources to come up with the seed money of Rs 7,500, which was reimbursed by the college. The group came up with suggestions to enhance the device's functioning. "A sensor will be attached to a patient's finger to monitor and record vital signs like blood pressure, heart rate and temperature. The data recorded can be accessed by the doctor through the use of a computer or mobile device in another location

'Road Divider Based Power Generation and Street Light Illumination'

The students of D19B EXTC final year - Ramanathan Choodamani, Shivesh Hiranandani, Shubham Koyande, Ketan Vaidya, guided by Mrs. Ashwini Sawant, succesfully presented project titled 'Road Divider Based Power Generation and Street Light Illumination' which **won the 2nd position in University Final Round of AVISHKAR 2016-17** - A Research Convention. They would be representing University of Mumbai in the next Round. The proposed model demonstrates the

generation of electricity with the help of wind energy from the vehicular movement on the highways. The light automation helps in efficient use of generated electricity.

- Mr. Kiran Parte, Piyush, Ajit, and Kedar from D14 EXTC and Nishit from D7 CMPN received second prize and Award at National Level Project competition at SAINTGITS College of Engineering, Kottayam Kerala. on 14th Feb 2017. Their project idea was on Semo-Autonomous River Cleaning Robot.

नदी स्वच्छता अभियानासाठी विद्यार्थ्यांनी बनवला
सर्च रोबोट

मुंबई : पंतप्रधान नरेंद्र मोदी यांच्या भारत स्वच्छता अभियानाला पाठिंबा देण्याच्या हेतूने आपली अत्याधुनिक स्वयंविकसित तांत्रिक कौशल्ये वापरून मेक इन इंडिया या मोहिमेला हातभार लावण्यासाठी विवेकानंद एज्युकेशन सोसायटीच्या इन्स्टिट्यूट ऑफ टेक्नॉलॉजी संस्थेच्या विद्यार्थ्यांनी एक रोबोट तयार केला आहे. त्या रोबोटचे नाव सर्च असे असून शहरी भागातील नद्यांसारखे पाण्याचे स्रोत बऱ्याच काळापर्यंत स्वच्छ आणि सुंदर ठेवण्यासाठी या रोबोटद्वारे अत्याधुनिक तंत्रज्ञान विकसित करण्यात आले आहे. राष्ट्रीय पातळीवरच्या तंत्रज्ञान प्रदर्शनात तसेच केरळ येथील कोट्टयम येथे आयोजित करण्यात आलेल्या सेंटगिट्स कॉलेज ऑफ इंजीनियरिंग येथील स्पर्धेत या प्रकल्पाला द्वितीय पारितोषिक मिळाले आहे.

इलेक्ट्रॉनिक्स ऑन्ड टेलीकम्युनिकेशन विभागातल्या तृतीय वर्षात शिकणाऱ्या किरण पार्टे, अजित कृष्णमूर्ती, पियुष देवीकर, केदार पेडणेकर आणि कॉम्प्युटर इंजिनीयरिंगच्या द्वितीय वर्षात शिकणाऱ्या निशीथ आहुजा या विद्यार्थ्यांच्या कल्पकतेतून या प्रकल्पाचा जन्म झाला आहे. टाकाऊतून टिकाऊचा उत्कृष्ट प्रयोग करत केवळ १२ ते १४ हजार रुपयांचा खर्च करून टाकाऊ वस्तूंपासून हा रोबोट बनवण्यात आला आहे. शहरी नागरी व्यवस्था, शहरप्रणाली व्यवस्थापन आणि पर्यावरण यापुढे सर्वांत मोठी समस्या आहे, ती म्हणजे जलप्रदूषणाची. सरकारतर्फे नद्या स्वच्छ करण्यासाठी वापरले जाणारे तंत्रज्ञान हे अत्यंत महागडे असून त्यासाठी लागणारी

कामगारसंख्याही अधिक असते. परिणामी, या कामांमध्ये वेळ आणि पैसा जास्त जात असूनही हवे तसे परिणाम दिसून येत नाहीत. आमच्या विद्यार्थ्यांनी बनवलेला सर्च हा रोबोट अत्यंत किफायतशीर असून संपूर्णपणे स्वयंचलित आहे. आपल्या पाण्याचे स्रोत स्वच्छ करण्यासाठी तसेच जलसुविधेची व्यवस्थित काळजी घेण्यासाठी हा रोबोट अत्यंत उपयोगी ठरणार आहे. या रोबोटची कार्यक्षमता इतकी जास्त आहे की, नदी, नाले मोठे ओहोळ यांसारखे जलस्रोत हा रोबोट सोप्यारीतीने स्वच्छ करू शकेल. २४ तास काम करण्याची या रोबोटची क्षमता आहे, असे व्हीईएसचे अध्यक्ष महेश तेजवानी यांनी सांगितले आहे.

नदी, तलावांच्या स्वच्छतेसाठी 'सर्च रोबोट'

प्रतिनिधी, मुंबई

शहरी भागातील नद्या, तलावांसारखे पाण्याचे स्रोत बऱ्याच काळापर्यंत स्वच्छ ठेवण्याकरिता अत्याधुनिक तंत्रज्ञानाचा वापरून बनविलेला रोबोट साह्यकारी ठरणार आहे. मुंबईतील अभियांत्रिकी महाविद्यालयाच्या विद्यार्थ्यांनी ही किमया साधली आहे.

स्वच्छता अभियाना'ला पाठिंबा देण्याच्या हेतूने अत्याधुनिक स्वयंविकसित तांत्रिक कौशल्ये वापरून विवेकानंद एज्युकेशन सोसायटीच्या इन्स्टिट्यूट ऑफ टेक्नॉलॉजी संस्थेच्या विद्यार्थ्यांनी ही 'मेक इन इंडिया' कमाल साध्य केली आहे. 'सर्च' असे या रोबोटचे नाव असून राष्ट्रीय पातळीवरच्या तंत्रज्ञान प्रदर्शनात व केरळ येथील कोट्टयम येथे आयोजित केलेल्या 'सेंटगिट्स कॉलेज ऑफ इंजीनीअरिंग'च्या

स्पर्धेत या प्रकल्पाला द्वितीय पारितोषिक मिळाले आहे. इलेक्ट्रॉनिक्स अँड टेलिकम्युनिकेशन विभागातील तृतीय वर्षात शिकणाऱ्या किरण पाटे, अजित कृष्णमूर्ती, पीयूष देवीकर, केदार पेंडणेकर व संगणक अभियांत्रिकीच्या द्वितीय वर्षात शिकणाऱ्या निशीथ आहुजा या विद्यार्थ्यांच्या कल्पकतेतून हा रोबोट तयार करण्यात आला आहे. हे करताना विद्यार्थ्यांनी टाकाऊतून टिकाऊचा प्रयोगही

साधला आहे. त्यामुळे केवळ १२ ते १४ हजार रुपयांत टाकाऊ वस्तूंपासून हा रोबोट बनविण्यात विद्यार्थ्यांना यश आले आहे. सध्या सर्वांत मोठी समस्या जलप्रदूषणाची आहे. यावर प्रभावी ठरू शकणारा रोबोट तयार करण्यात आला आहे. याची क्षमता जास्त आहे. तो नदी, नाले मोठे ओहोळ यांसारखे जलस्रोत २४ तास वापरूनही स्वच्छ करू शकेल, असे व्हीईएसचे अध्यक्ष महेश तेजवानी यांनी सांगितले.

'सर्च रोबोट' अत्यंत किफायतशीर व संपूर्णपणे स्वयंचलित आहे.

- Akshay Therani (D19 B), Vinita Shetty (D19 B), Vaibhavi Vichare (D19 B), Yogita Wadhwara (D19 A) won third position in 8th Indian Youth Science Congress Poster Presentation for their topic on **" NEXT GENERATION PCB FAULT DETECTION AND RECTIFICATION"**

- Harsh Bhatia - D19C, Priyank Bhatt - D19C, Zarana Matani - D19C, Yash Nasarpuri - D19C secured the consolation prize(third position) at the National Level Project competition event - INNOVATIONS'17 for their Final Year Project titled - **"Voice Controlled Human Assistant - HuBot"**
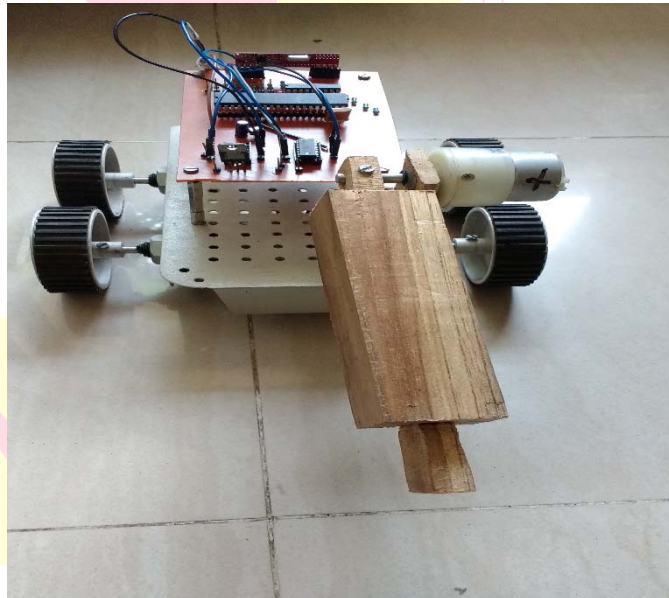
Report on Summer School Program

Academic Year 2017 - 18

As a part of Skill Development, Department of Information Technology along with the departments of Computer and MCA organized a Summer School Program for second, third, final year students of VESIT during the mid of this academic year. There were 5 students from IT who attended the program.The details of the workshop is attached below.

Workshop: Internet of Things using Arduino

Departments of Computer, IT and MCA of VESIT organized six days workshop on "Internet of Things using Arduino from 3rd July to 8th July, 2017 in collaboration with EDC-IIT Roorkee. The objective of this Program is how to create Internet of Things using Arduino.

All the six days session was taken by Mr.Bipul Kumar, Sr.Research Engineer, Finland Labs. He was an excellent trainer who helped the participants to understand how to create Internet of Things using Arduino. On first day of the session Mr.Bipul taught how to install Arduino software in the device and also how to code inside Arduino, followed by second day, participants learned to work on some AT commands of Wi-Fi and to connect Wi-Fi module with PC and to mobile phones.

On the third and fourth day participants learned how to connect BT in Arduino and pair it and also created an Application Using MIT-APP inventor. Students designed their app and performed an android experiment.

On the fifth day students wrote a program on notepad ++ and created a web page with help of JavaScript in which 3 toggle buttons were made for 3 different LED'S and send commands from browser to Arduino with Wi-Fi(ESP)Module. On last day a small competition among all the members of workshop was held to understand the topic grasped by the participants.

Looking Beyond Syllabus Report 2016-17

- Notice for the II and II year students for submission of their ideas was given on 8th September, 2016

- Problem statements were submitted to the department coordinators by the students.

Branch	Number of project Ideas/ problem statements submitted	Number projects selected for LBS
Electronics	29	5
Computer	12	5
Instrumentation	7	5
Electronics and Telecommunication	34	5
Information Technology	5	5
MCA	1	1

INDUSTRY PROJECTS

Sr. No.	Name of the Industry	Title of Project	Name of Students	Project Mentor
1	MCGM, N - ward Ghatkopar Suryakant Satpute, 9167772070 / 9702025742		Ashwija Shetty (D17C)	Mrs. Manisha Ghairwal
			Urmi Jadhav(D17C)	
			Gaurav Vaswani (D17B)	
2	Sai Packer and Printers Plot no. 10-A, Industrial area behind SK biscuits, Opp. Samrat Biscuit Rd, Behind Powai Petrol pump. Unr-421004. monie_in@hotmail.com 9822623500		Varun Golani (D17B)	Mrs. Gresha Bhatia
			Akshay Dudani (D17B)	
			Khushboo Jetwani (D17C)	
			Hitesh Hinduja (D17B)	

3	FAFADIA TECH, A7, Anant apartment , Opp Khasiyat Holel,Vile Parle , Mumbai Tel 022-26124412 customercare@fafadiatech.com	Textual Analysis using NLP	Manaswini M. (D17B)	Mr. Prashant Kanade
			Aishwarya Sadasivan (D17B)	
			Meghna Mohan (D17B)	
			Komal Dhuri (D17B)	
4	Macksofy Technologies Pvt. Ltd. 308, B Wing, HDIL Commercial Tower, Beside Stright Center, BKC, Mumbai Mr. Yasir Arafat 9619439639		Akshit Bhateja (D17A)	Ms. Kajal Jewani
			Aishwarya Kourani (D17C)	
			Ekta Sirwani (D17C)	
			Maaz Sirkhot (D17C)	

Awakening the Scientist @ 2016-17

In order to become a professional and remain competitive in this highly commercial world one has to master the art of working in groups and teams along with sound knowledge of the field. Having a good balance of team work along with technical knowledge cannot be developed overnight and requires an attitude of sharing and caring.

The rapid changes in the technology is due to the application of discoveries and inventions in the basic science domain. We need to be observant as to how basic science, (physics, chemistry, mechanics, mathematics) make a difference in our day to day life.

Awakening the Scientist is an opportunity given to the First year students to take the first step in this transformation of a student to a professional. First year students make groups and each group identifies the basic engineering and technology used in equipment's, gadgets and tools used in day to day life. The group will have to relate to the past, present and future of the technology used. This year , EIGHT groups with total number of students as 33 had registered for this event during 2016-2017. The groups then gave a twenty minutes presentation on the same. In this competition following is the winner's list:

GROUP MEMBERS	TOPIC	GROUP NO.	PRIZE
Paramvir Ramola (D2A) Rahul Devadiga (D2A) Devang Liya (D2A) Ketaki Buwa (D2A) Mitesh Goplani (D2B)	Brain Computer Interface Device	5	1st
Sonal Sharma (D4A) Rakshit Ganvir (D4A) Shivani Gole (D4A) Harish Muthalagam (D4A)	Stephen Hawking's Computerized Wheel Chair	7	2nd
Ujala Jha (D5) Vishakha Vidhani (D2A) Manali Gupta (D2A) Ruchika Motwani (D5)	Printers	2	CONSOLATION

Winner(s)	PRIZE
Rakshit Ganvir (D4A)	Best Speaker
Mitesh Goplani (D2B) Shubham Annigeri (D4B)	Most Promising Speaker

D-LINK Specialist Level Course

The D-Link Specialist Level program was conducted from 20th March 2017 - 24th March 2017 by Mr. Nilesh Vartak from the D-Link Academy at Department of Electronics and Telecommunication, V.E.S. Institute of Technology. The program was for students who wanted detailed study of wireless networks and networking devices. The program mainly involved the "Study of Wireless networks".

There were 19 students of Electronics and Telecommunication who were a part of this program. The duration of this program was 20 hours.

The contents covered in course are as follows

1. Introduction to wireless technology
2. Radio frequency basics
3. Antenna concepts and types
4. IEEE 802.11 Essentials
5. IEEE 802.11 Amendments
6. Wi—Fi Alliance certification
7. Small business and teleworker WLAN security
8. Basic WLAN Design consideration
9. Configuring standalone AP
10. Standalone operation modes
11. Standalone AP management
12. Introduction to unified wireless solution
13. Unified wireless usage

VESIT RESEARCH FORUM

List of activities conducted under VESIT Research Forum from Jan 2017

Title of Event	Dept	Resource Person
How to write technical paper and make effective power point presentation, 21st Jan 2017	EXTC	Mr. A. Nagananda
Big Data Hadoop 31st Jan 2017	CMPN	Mr.S.Nagaokar, Associate consultant, Teradata
Internet of Things, 9th Feb 2017	INST	Mr. N. Gopalakrishnan
High Performance Computing and its Research Scope, 22nd Feb 2017	INFT	Prof Surya Durbha, CSRE, IITB
Techniques in Artificial Intelligence, 2nd March 2017	INFT	Mr. Devesh Rajadhyax, from Cerelabs

VESIT RESEARCH FORUM

List of Activities proposed/conducted under VESIT Research Forum 2017-18

S. No	Title of Event	Resource Person
	EXTC DEPT	
1	How to make effective power point presentation for projects?	Prof. A. Nagananda
2	Cognitive Internet of things	Dr. Nadir Charniya
3	How to write technical project report?	Prof A. Nagananda
4	Some Funding Agencies for R and D in Academic Institution (13th July 2017)	Dr. Nadir Charniya
	INST DEPT	
1	Workshop on Internet of Things	Mr. Gopalakrishnan
2	Expert lecture (topic will be decided in due course of time)	Dr. P. P. Vaidya
3	Expert lecture (topic will be decided in due course of time)	Prof. V. M. Joshi
	ETRX Dept	
1	Wireless Body Area Networks - An Application of WSN (14 July 2017)	Mr. Abhay Kshirsagar

ISA-VESIT Symposium Engauge'17
in collaboration with Instrumentation Day

This year Instrumentation day and ISA-Symposium, VESIT chapter were clubbed as a single event on 30th March 2017 at 15.00-17.00 Hrs. After symposium, an event called "Kaun Banega INSTRUpati" was held, which is a technical Quiz based on the TV show "Kaun Banega Crorepati". This show gave the chance to four Houses of Instrumentation Department to win the house trophy by defeating remaining houses. The Guests of Honor for this event was Mr. Kaustubh Dabholkar (Jacobs) and Mrs. Vrunda Dabholkar (Professional Event Organizer). "Kaun Banega INSTRUpati" event was anchored by Mr. Kaustubh Dabholkar.

Houses of Department of Instrumentation Engineering

1. Alexander Lyapunov

2. Isaac Newton

3. Gordon Moore

4. Bela Liptak

Mumbai University Minor Research Grant Awarded for A.Y. 2015-16 & A. Y. 2016-17

A. Y. 2015-16			
1.	Mr. Parmeshwar Birajdar	ETRX	40,000/-
2.	Mrs. Dipti Khimani	INST	20,000/-
3.	Mrs. Madhumati Khuspe	EXTC (INST)	15,000/-
4.	Mr. Shobhit Khandare	EXTC	20,000/-
5.	Mrs. Shoba Krishnan	EXTC	35,000/-
6.	Dr. Rajani Mangala	EXTC(ETRX)	25,000/-

A. Y. 2016-17			
Sr. No	**Name**	**Branch**	**Amount**
1.	Dr. R.K. Kulkarni	EXTC	25,000/-
2.	Shri. Chandan Singh Rawat	EXTC	30,000/-
3.	Dr. Ranjan Bala Jain	ETRX(EXTC)	25,000/-
4.	Dr. Saylee Gharge	EXTC	25,000/-
5.	Mrs. Jyoti Bagate	EXTC	40,000/-
6.	Mrs. Manisha Joshi	EXTC	22,000/-
7.	Mrs. Rasika Naik	EXTC	21,000/-
8.	Dr. Nupur Giri	CMPN	20,000/-
9.	Mrs. Lifna C.S.	INFT(CMPN)	23,000/-
10.	Mrs. Jayassre Ramakrishnan	ETRX(INST)	25,000/-
11.	Mrs. Namrata Bonde	EXTC(INST)	15,000/-

Dr. R.K. Kulkarni has recently been appointed as member, Board of studies of EXTC at Mumbai University. He has been driving the syllabus change process. M.E. syllabus is modified and undergraduate syllabus is undergoing changes from credit based to choice based system

V.E.S. Institute of Technology (V.E.S.I.T) - Competency Development Center" by "Automation Industry Association (AIA)" conducted "Integrated Automation: Basic Course" again from 13th January 2017 to 20th January 2017. Five students were trained in the course.

VESIT Labview Academy, Instrumentation faculty, Mr. Kadar Shaikh, Mrs. Kanchan Chavan and Mrs. Sangeetha Prasanna Ram, conducted "Labview Core 1 and Core 2 course" for 16 students from 6th January 2017 to 12th January 2017.

Short Term Training Program
On
Wavelet and Machine Learning
(3/7/2017 to 8/7/2017)

Electronics and Telecommunication department organized Short Term Training Program on "WAVELETS AND MACHINE LEARNING" during 3rd July, 2017 to 8th July, 2017. Dr. Manesh Kokare (IIT, Kharagpur), S.G.G.S institute of technology, Nanded was the guest lecturer for all 6 days. He had done his Ph.D in 'wavelet based features for texture image retrieval'. He developed three new algorithms in 'Diabetic Retinopathy' during his Post Doctoral research from University of California.

The practical sessions were conducted in evening session for all days. In practical sessions participants implemented one-band, two-band wavelets, tree structured wavelets, m-band wavelets, supervised learning algorithm, minimum distance classifier, K-means algorithm.

Total 45 participants were registered for STTP where 26 participants from EXTC, 5 participants from ETRX, 2 participants from INST, 1 participant External candidate from Vardha & 11 participants were students of ME EXTC.

PROJECT SKILL DEVELOPMENT WORKSHOP

The department of Electronics Engineering organized one week workshop to enhance project skill of third year students during 10th July 2017 to 15th July 2017 . Thirty Three students participated in the workshop.

The students were introduced to a new circuit simulation software "SEQUEL" and were given hands on experience by simulating and explaining one circuit.

Internal Complaint Committee

by WDC In association with Maharashtra State Commission for Women and ComplyKaro

The Government of India has recently promulgated The Sexual Harassment of Women at Workplace (Prevention, Prohibition & Redressal) Act, 2013 ("Act") and the Sexual Harassment of Women at Workplace (Prevention, Prohibition & Redressal) Rules, 2013 ("Rules") with effect from 9th December, 2013. The act was laid down to ensure that women in particular are protected against sexual harassment at all workplaces, be it in public or private. It has now become mandatory to have an anti sexual harassment policy in place as well as for a Internal Complaint Committee to be formed in addition to reports being filed with the government for the same.

It is compulsory for all institutes under AICTE / UGC to Constitute "Internal Complaints Committee (regulation has come into the force since 1st July 2016) according to the guidelines given in page no 9 of Zero Tolerance for sexual Harassment of students and Women in colleges and Universities book let.

On 27th Feb 2017, VESIT conducted an event to sensitize students about the topic of Sexual Harassment in universities and colleges.

VESIT has constituted its Internal Complaint Committee for Prevention, Prohibition & Redressal of the same issue.

Internal Complaint Committee Members

Sr. No.	ICC Posts	Name of the Member	
1	Presiding Officer	Prof.Smita Jangle	
2	Non - Teaching Employee	Mrs. Sonali Rahate	
		Mr. Vikas Pange	
3	Faculty Member	Prof. Sujata Khedkar	
		Prof. Nandini Ammanagi	
4	External Member (NGO)	Mrs. Jaishree Pandit	
5	Students	Kaustubh Dhake (UG- SORT Secretary)	
		Mrs. Abha Tiwari (PG)	
		Mrs. Asma Praveen (PhD)	

Press Releases

VESIT students embark on mass cleanliness drive at Chembur station

Clean sweep

Doing their bit: More than 200 engineering students of VES Institute of Technology participated in a cleanup and beautification drive at Chembur railway station on Thursday. ●VIJAY BATE

इंजिनियरिंगच्या विद्यार्थ्यांनी चेंबूर रेल्वे स्थानकात गुरुवारी स्वच्छता अभियान राबवून प्रवाशांना स्वच्छतेचे महत्त्व पटवून दिले. (छाया: रवींद्र झेंडे)

चंबूर म साफ-सफाइ...

...रेस इंस्टिटयट ऑफ टेक्नोलॉजी के करीब 200 इंजीनिरिंग छात्रों ने चेम्बर रेलवे स्टेशन पर साफ-सफाई की.

चेंबूर स्थानकाच्या स्वच्छतेसाठी व्हीईएसआयटीचा पुढाकार

साथी हाथ बढ़ाना

विवेकानंद एज्युकेशन सोसायटी इन्स्टिट्यूट ओड टेक्नोलॉजीना आशरे २००थी वधु विद्यार्थीओए छठ्ठी एप्रिलना बीएमसीना वॉर्ड एम अने रेलवे अधिकारीओनी मदद थी चेम्बूर रेलवे स्टेशन पर स्वच्छता अभियान हाथ धर्यु हतु. आ अभियान हेठळ विद्यार्थीओए स्टेशन परिसर ह्वालोने पेन्ट करी हती अने टिकिट काउन्टर अने प्लेटफोर्म पर साफ-सफाई करी हती. उपरांत प्रवासीओ साथे संवाद साधीने स्वच्छ स्टेशन परिसर, रोड सेफ्टी, वृक्षारोपण, अवयव दान अंगे जागरुकता लाववानो प्रयास कर्यो हतो. (अमय धराडे)

In young guns, we trust

More than 200 engineering students of Vivekanand Education Society's Institute of Technology (VESIT) picked up the broom recently to clean up the Chembur station and its surroundings. Railway officials and BMC's 'M' ward joined in to make this more the merrier, or let that read cleaner. In fact, the Chembur station is under foster care since 2015 and regular cleanliness drives are part of the process. We like how railway stations have been adopted by different agencies, like NGOs, citizens groups and students through the city. While this indicates that the authorities in-charge aren't probably doing the best job, it's heartening to see that the city's cleanliness is no longer seen as the prerogative of the civic body. Now only if the brave would come forward and adopt the shockingly decrepit and dirty Bandra East station.

चेम्बूर येथील व्हीईएस टेक्नॉलॉजी कॉलेजच्या सुमारे २०० विद्यार्थ्यांनी गुरुवारी चेंबूर रेल्वे स्थानकाची स्वच्छता केली. स्थानकाच्या प्लॅटफॉर्मची साफसफाई करण्यात आली तसेच स्थानकात पानाच्या पिचकाऱ्यांनी माखलेल्या भिंतींना विद्यार्थ्यांनी कलात्मक रंगसंगती करुन सजवले.

विद्यार्थ्यांनी केली स्वच्छता

पंतप्रधान नरेंद्र मोदी यांनी स्वच्छ भारत मोहीम सुरु केल्यानंतर त्याला सर्वच स्तरांधून प्रतिसाद मिळत आहे. चेंबूर येथील व्हीईएसआयटी कॉलेजच्या विद्यार्थ्यांनी चेंबूर स्थानकावर गुरुवारी स्वच्छता मोहीम राबविली. त्यावेळी या विद्यार्थ्यांनी प्रवाशांना फलक आणि सूचनांद्वारे स्वच्छतेचे महत्त्व सांगितले.

मुहिम... स्वामी विवेकानंद जुनियर कॉलेज के विद्यार्थियों ने गुरुवार को चेंबुर रेल स्टेशन परिसर में स्वच्छता अभियान के तहत साफ-सफाई की। प्लेटफॉर्म पर जमा कचरों को एकत्रित कर मुहिम को सफल बनाने का प्रयास किया।

होठों पे सच्चाई हाथों में सफाई : मुंबईना मोटा भागना सबर्बन स्टेशनो पर ठेर ठेर कचरो वेरायेलो जोवा मळे छे. आ स्थितिमां हार्बर लाईनना चेम्बुर स्टेशनने कोलेजिअनोए जाडु फेरवी साफसफाई करी हती.

IN BRIEF

Picture for representational purpose

Chembur station to be beautified again

Close to 300 students from Vivekanand Education Society's Institute of Technology will be participating in a cleanup drive at Chembur station on Thursday. The initiative is organised by the institute's social responsibility team. In 2015, the students had adopted Chembur station and this is the third year they are working on maintaining it with the help of M Ward and Railway officials. They will be painting the station walls, ticket windows, and bridges and cleanup the platform including the ticket counter. The activity will commence at 10.15 am.

પ્લેટફોર્મ સફાઈ ઝુંબેશ

સ્વચ્છ ભારત અભિયાન અંતર્ગત વીઈએસઆઈટીના એન્જિનિયરિંગના વિદ્યાર્થીઓએ ચેમ્બુર રેલવે સ્ટેશનની સફાઈ કરી હતી, જેમાં રેલવે અને મહાપાલિકા દ્વારા તેમને સહાય કરવામાં આવી હતી.

વીઈએસઆઈટીના વિદ્યાર્થીઓ દ્વારા સ્વચ્છતા અભિયાન

મુંબઈ : વિવેકાનંદ એજ્યુકેશન સોસાયટી ઈન્સ્ટિટ્યૂટ ઓફ ટેક્નોલોજિના ૩૦૦ થી વધુ વિદ્યાર્થીઓએ સ્વચ્છતા અભિયાન અંતર્ગત ચેમ્બુર સ્ટેશન અને તેની આજુબાજુના પરિસરની સફાઈ કરી હતી. વિદ્યાર્થીઓના આ અભિયાનમાં રેલવે અધિકારીઓ અને બૃહદ મુંબઈ મહાનગર પાલિકાના એમ વોર્ડના અધિકારીઓએ મદદ કરી હતી. ઈન્સ્ટિટ્યૂટના વિદ્યાર્થીઓએ આ સ્ટેશન વિસ્તારને ૨૦૧૫થી દત્તક લીધો છે ત્યારથી નિયમિત પણે સ્થાનિક રહેવાસીઓ અને વિદ્યાર્થીઓ સ્વચ્છતાની જવાબદારી સંભાળી રહ્યા છે. ઈન્સ્ટિટ્યૂટના આચાર્ય ડૉ. જે.એમ. નાયર અને સચિવ દિનેશ તહિલિયાનીએ વિદ્યાર્થીઓના અભિયાનની પ્રશંસા કરી પ્રાસંગિક પ્રવચન કર્યા હતા.

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Awareness Campaigns

Maharashtra Digidhan Awareness Program

Report Sent to State Government

Awareness Program	
How many people covered?	150 Faculty + 200 Students + 3000 Students Through Email
Location of the awareness session	Seminar Hall, V.E.S. Institute Of Technology, Chembur , Mumbai -400074.
Fee Payment Windows	
Which of the cashless payment facilities are available on fee payment windows? (BHIM/UPI, POS Machine, Net Banking)	NEFT Net Banking (Payment Gateway)
Is bank account details of college posted on the fee payment windows?	For NEFT : 923901254594 (ICICI) For Payment Gateway : 623901268201 (ICICI)

| Canteen		
Name of the vendor	Aditya Caterers	
Which of the cashless payment facilities are available on fee payment windows? (BHIM/UPI, POS Machine, e-wallets, Net Banking)	POS : ONGO E-Wallets : Paytm	
For BHIM/UPI	Provide the virtual payment address of the vendor	-
For e-wallets	Which e-wallet? (paytm, freecharge, mobikwik)	Paytm

Special drive for registration of eligible Electors

The Election Commission of India has launched a special drive for registration of eligible electors. Voters are encourage to fill Form 6 (new voter registration form). It is a campaign about "No voters to be left behind".

One desk is arranged at VESIT Main Entrance during 13th July 2017 to 31st July 2017 for VESIT Students and Staff.
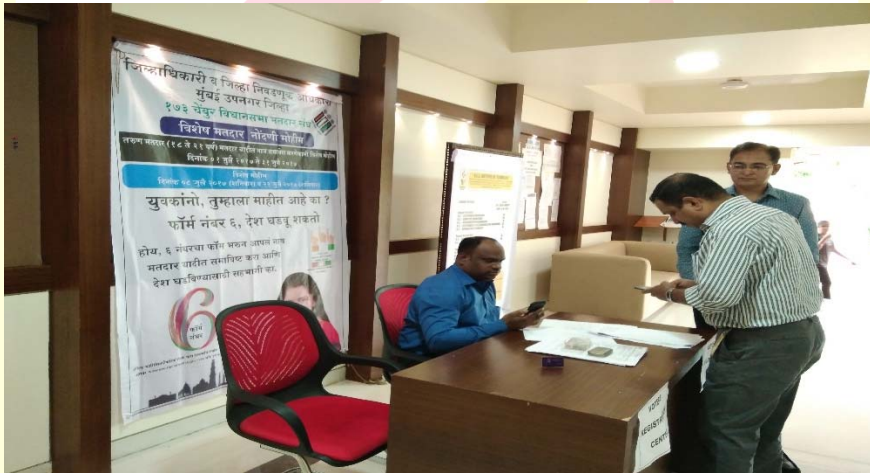
Letters issued to students for Summer Internship during A.Y. 2016-17

Organization	No. of Students
AIR INDIA	3
AIRPORT AUTHORITY OF INDIA	1
AKER SOLUTIONS	1
ATOMIC ENERGY REGULATORY BOARD	1
BARC	52
BPCL REFINERY	9
BRIDGESTONE INDIA PVT LTD	1
BSNL	15
CENTRE FOR RAIL INFORMATION	16
DEEPAK FERTILIVER & PETROLCHEMICAL PVT LTD	1
DOORDARSHAN KENDRA WORLI	1
EMERSON PROCESS MANAGEMENT IND. PVT. LTD.	1
ENDRESS HAUSERS AUTOMATION INSTURMENTATION PVT. LTD.	1
ERICSSON INDIA LTD	2
GODREJ infotech LTD.	1
HAL(HINDUSTAN AERONAUTICS LIMITED) NASHIK DIV.	1
HINDUSTAN COCA-COLA BEVERAGE IND. PVT. LTD.	1
HONEYWELL automation india ltd	2
HPCL (MUMBAI)	7
IDEA CELLULAR	1
IDEATION INSTRUMENTS	3
IIT, BOMBAY	7
INDIAN RAILWAYS	2
ISRO-REGIONAL SENSING CENTRE	3
JACOBS ENGG INDIA PVT LTD	1
JSW ISPAT LTD	1
JSW STEEL. DOLVI WORKS	2
KONKAN RAILWAY CORPORATION LTD	6
L&T Electrical and Automation	2
L&T TECHNOLOGY SERVICES	1
L&T HEAVY ENG., L&T LIMITED	1
L&T INFOTECH	2
MTNL	7
NPCIL	5
ONGC	1
ONGC URAN	2
PERFECT INSTRUMENTATION CONTROLS	3
PNEUCON AUTOMATION PVT. LTD	1
PNEUCON VALVES	2

PROGILITY TECHNOLOGIES PVT LTD	2
RAHBA HOSPITAL	1
RALIANCE COMMUNICATIONS LTD.	4
RELIANCE INDS. LTD.	3
RELIANCE COMMUN. LTD.	1
RELIANCE DAHANU THERMAL POWER STATION	3
RELIANCE INFRASTRUCTURE LTD	3
RELIANCE COMMUNICATION LTD	2
RELAINCE JIO INFO COM LTD.	2
RELIANCE ENERGY LTD	1
RCF	12
REFLEX TECHNOLOGIES	1
RK CONTROL INSTRUMENTS PVT LTD	2
SCHNEIDER ELETRIC PVT LTD	2
SENERGY INTELLUTION	1
SHAR SPACE CENTER	1
SIEMENS LTD	1
SIEMENS LTD	1
SIEMENS HEALTHCARE PVT.LTD	1
SIEMENS LTD	1
SIEMENS LTD	4
SOFTCON AUTOMATION	2
SONY INDIA	1
SYNTEL INDIA LTD.	1
THE TATA POWER COMPANY LTD	1
TATA POWER	1
TECHNIP FMC LTD	1
TRINITYKTP TECHNOLOGIES PVT LTD	1
WESTERN RAILWAY	1

Report on International Yoga Day Celebrations held on 21ˢᵗ June 2017, Wednesday at Vivekananda Education Society's Institute of Technology

On December 2014, the UN General Assembly had adopted a resolution with a record number of 177 co-sponsoring member states to establish the International Day of Yoga to be commentated every year on 21ˢᵗ June under the call from our Prime Minister Shri Narendra Modi.

UN General Assembly recognized that Yoga provides a holistic approach to health and well-being bringing harmony in all walks of life. Yoga is essentially a spiritual discipline based on an extremely subtle science which focuses on bringing a balance between mind and body.

Yoga today is practiced, recognized and celebrated worldwide. The celebration of International day of yoga is supported by various global leaders. It is celebrated by the people of more than 170 countries including USA, China, Canada, etc. It is celebrated on an international level by organizing activities like yoga training camps, yoga competitions and other activities to enhance the awareness about yoga benefits amongst the masses all over the world.

Hence to celebrate this Important Day, the staff and students of Vivekanand Education Society's Institute of Technology along with VES College of Arts, Science and Commerce celebrated International Yoga Day under the guidance of Ms. Rita C Vazirani & Mr. Prasad Godse.

Ms. Rita C Vazirani "Executive Administrator" V.E.S. College of Arts, Science & Commerce is associated with the college for more than 34 years.

She is B.A in Yoga Shashtra, an experienced yoga teacher for the past 15 years. The international Yoga Day celebrations were conducted under her guidance. The highlights of the event are as follows

Mr. Prasad Godse, Asst. Professor, VESIT initiated the introductory session by welcoming all as per the protocol established by the government. He initiated the event with a powerful prayer filling the minds of all with gratitude. This also helped in enhancing the benefits of the practice that followed.

Ms. Rita Vazirani, who conducted the event, started the session by a basic warm up, to gear the participants for the asasna's that followed.

Six professional students having over eight years of experience, demonstrated all asanas for the participants to follow. They also portrayed advance yoga asanas demonstrating what can be ultimately achieved through devoted and regular practice. These advance practices were a treat for the eyes for the participants.

Around 100 students and staff from all the streams of V.E.S. Institute of Technology and VES College of Arts, Science & Commerce were part of this event.

The event was also graced by the VESIT Principal, Dr. (Mrs.) J.M. Nair and Dr. J.K. Phadnis, Principal along with Dr. Anita Kanwar, Vice Principal of VES Arts Science & Commerce College . They actively participated in the event, paying close attention to all the asanas being performed.

Participants practiced the asana's with great enthusiasm and excitement followed by pranayama and meditation enducing a tranquil and focused state of mind.

It was in this receptive state of mind that the participants made a Sankalp

I commit, to make myself into a healthy, peaceful, joyful and loving human being. Through every action of mine, I will strive to create a peaceful and loving atmosphere around me. I strive to break the limitations of who I am right now and include the entire world as my own. I recognize the kinship of my own life with every other life. I recognize the unity of all there is

The event was then concluded with Shanti path, followed by smiling & peaceful and faces, thus making the event a huge success.

Since 1962

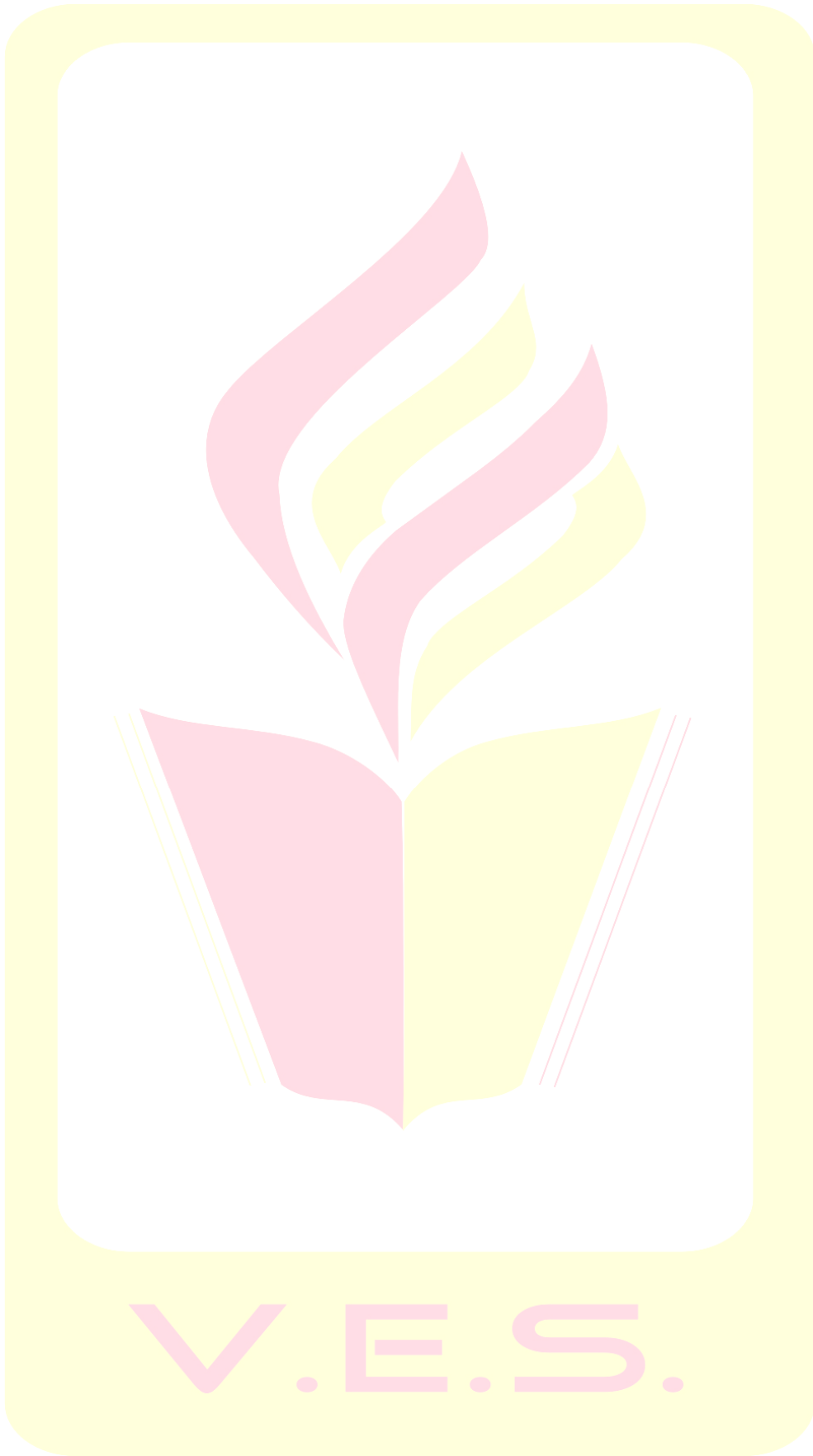# 3rd International Yoga Day

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विवेकानंद एज्युकेशन सोसायटीच्या (व्हीईएस) वतीने योगा दिवस साजरा करण्यात आला. विवेकानंद एज्युकेशन सोसायटी इन्स्टिटट्युट ऑफ टेक्नॉलॉजी आणि विवेकानंद एज्युकेशन सोसायटी कॉलेज ऑफ आर्ट्स, सायन्स आणि कॉमर्सच्या वतीने या कार्यक्रमाचे आयोजन करण्यात आले होते.

V.E.S.

Since 1962

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- Out of 16 regional finalists from 350 teams across all over India, VESIT "**Pravas Sarthi**" – **A Convenience , kiosk based system for people to communicate in their own local language at the airport** was designed as a part of E-Yantra Ideas competition at the Indian Institute of Technology, Mumbai (IIT-B) held on 7th and 8th April 2017. **The team under the mentorship of Dr. Gresha Bhatia received an award for "Close to Market Category.**

- Nirbhay Pherwani (D17A) and Harsh Gupta (D17A) have been declared **National level winners** in the category of customized product solution, **Make in India: Hackathon competition held on 29th January 2017 at IIT Mumbai.**

- Himani Shah, Vinita Rane, Benita Jeyakumar, Jayesh Nainani (D17A), secured **1st prize in poster presentation competition** conducted by Eighth Indian Youth Science Congress for their project titled **"Drought Prediction and Management using Big Data Analytics ".** The event was held during 16-18 February, 2017.

- Deepesh Bathija, Apoorva Mahale, Chetan Rawool, Dinesh Tolani (D17 C) secured **1st Prize in poster presentation competition** conducted by Eighth Indian Youth Science Congress for their project titled **"Lung Cancer Detection using Image Data Analysis and Machine Learning".**

- Nirbhay Pherwani(D17A), Kunal Tolani(D17C), Shayam Singh(D20) for project titled "Chatbot for Vistaprint ", secured **1st position** at **"Esummit 2017 I_Hack Hackathon"** held on Jan 27-29 2017 at IIT Bombay, organised by Cimpress, Vistaprint, Facebook.

- Nirbhay Pherwani (D17A), secured **1st prize** for the project titled **" Mitigating Fraud Risk related to duplicate invoicing"** at "**Standard Chartered Tech Hack**" organised by Standard Chartered Achievement.

- 25. Sagar Palao, Siddhesh Dighe, Abhishek Shahasane (D17A) won **1st Prize** at "**IIT Bombay Innovations - National Level Project Competition**" held on 16-18 December, 2016 and also got the opportunity for research talk at SIES, Nerul.

- Rucha Desai (D17B) secured **1st position** in "**Code For Good**", Mumbai 2016, organised by JP. Morgan Chase & Co, Goregaon office.

- 33. Ashwija Shetty, Gaurav Vaswani , Urmi Jadhav (D17C), secured **1st position** and awarded with cash prize in "**TECHNOKAGAZ - National level technical paper presentation**" held on March 2017 at Shah & Anchor Kutchhi Engineering College, Govandi.

- Sagar Palao, Siddhesh Dighe, Abhishek Shahasane (D17A)for the project titled "**Mitigating Fraud Risk related to duplicate invoicing**" secured **1st position** in "**INNOVATIONS – National Level Project Competition**", organised by SIES College held on 10 March 2017.

- Piyush Mantri, Kashyap Kotak, Devendra Kamalapurkar, Varun Golani from D17B awarded As "**Most Innovative Solution**" and secured **1st runner up** with cash prize for the project titled **"Smart Health Prediction"** at BitCamp 2k17, held on 25 - 26 , March 2017 at R.A.I.T, Navi Mumbai.

- Nishit Ahuja (D7) along with Kiran Parte, Piyush, Ajit, and Kedar (D14 EXTC) received **second prize** at **National Level Project competition** at SAINTGITS College of Engineering, Kottayam Kerala on 14 February 2017.

- Sagar Palao, Siddhesh Dighe, Abhishek Shahasane students (D17A) won **2nd prize** at **"IET Karamaveer Expo '17 - National Level Working Model Project"** held on March 21 - 22, 2017 at IET (Institute of Engineering and Technology) at K.K. Wagh Inst. of Edu. & Research, Nashik.

- Sagar Palao, Siddhesh Dighe, Abhishek Shahasane (D17A) won **2nd prize** at "**Nawonmesh - National Level Idea & Innovation Competition**" held on 4-5 March 2017 at **IIT Bombay**. They are also awarded for Internship at IIT Bombay.

- **PhD Scholar Mrs. Shilpa Joshi** received third prize for her paper 'Novel Hybrid Filtering Techniques for Removal of Speckle Noise from Medical Images' at the Inter University Research Convention **AVISHKAR 2016-17** in category Level 5.

- Shivesh Hiranandani, Ramanathan Choodamani, Mrs. Ashwini Sawant (mentor), Ketan Vaidya, Shubham Koyande received Award and **second prize** at **AVISHKAR 2016-17** - A Research Convention for their project '**Road Divider Based Power Generation and Street Light Illumination**'.

Data privacy and security has long been a concern for many individuals and organizations. Everyone should be aware of how their digital lives show snippets of their real ones, and how the things they do and share online can affect real life. In order to spread this awareness about data privacy, the Department of MCA in collaboration with Department of INFT and CMPN organized an **Awareness Campaign on Data Privacy** on 2 February, 2017, Thursday, in VESIT.

Report on One Week ISTE AICTE approved STTP on "Role of Mathematics and Statistics in Engineering Field"

3rd July 2017 to 8th July 2017 was organized by departments of Information Technology Computer Engineering and Master of Computer Applications

Total 71 participants

The topics included
- Optimization
- Matrix Transposition
- Fractional Calculus
- Matrix Computation
- Mutilvarient regression

Guest Experts
Dr. Natraj, IIT Bombay.
Dr. Sachin Patwardhan, IIT Bombay
Dr. Harish Pillai IIT, Bombay
Mr. Devesh Rajadhyax
Dr Faruk Kazi
Dr Vishwesh Vyavhare, RAIT
Dr. Ajit Kumar, ICT
Dr. Ashok Nag, NMIMS.