V.E.S.
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Vivekanand Education Society's
Institute of Technology

Vishwakarma
2017

"Create, Enhance, Sustain"

Swami Vivekananda – Father of modern Indian Nationalism

"You have to grow from the inside out. None can teach you, none can make you spiritual. There is no other teacher but your own soul." **– Swami Vivekananda**

Swami Vivekananda

One of the most enduring icons who ignited the rise of patriotism in modern India, Swami Vivekananda was the valiant monk who proclaimed in America the greatness of Indian culture at a time when the West regarded India as a land of barbarians. He was an intensely religious man who lived a life immersed in spirituality, and dedicated his life to his country and yearned for the progress of the poor, the helpless and the downtrodden. He was a great thinker and a mighty man of action whose ringing words galvanized the slumbering Indians.

Swami Vivekananda, known in his pre-monastic life as Narendra Nath Datta, was born in an affluent family in Kolkata on 12 January 1863. His father, Vishwanath Datta, was a successful attorney with interests in a wide range of subjects, and his mother, Bhuvaneshwari Devi, was endowed with deep devotion, strong character and other qualities. A precocious boy, Narendra excelled in music, gymnastics and studies. By the time, he graduated from Calcutta University, he had acquired a vast knowledge of different subjects, especially Western philosophy and history. Born with a yogic temperament, he used to practise meditation even from his boyhood.

Swami played an important role in the independence struggle of bonded individuals. Every individual is bonded by his own concepts built up by ego, endless desires, destructive and ignorant behaviour which gets them entangled to deep antagonism within self. So, the true independence is to liberate oneself from the clutches of this ignorance. In relatively short span Swami managed to first emancipate himself from this bondage and then inspire several other seekers to achieve their own eternal freedom. A lover of mankind, he strived to promote peace and human brotherhood on the spiritual foundation of the Vedantic Oneness of existence by attending different religion conferences in world. One of Vivekananda's most memorable speeches was at the Parliament of the World Religions in Chicago in 1893 where he introduced India and Hinduism to the West which lead to broadening of views about Indians to the world. His views about different religions and how all of them lead to one path was broadly appreciated the listeners.

Towards the end of his life, he meditated intensely to find answer to the true meaning of his life. He decided to dedicate his life to revitalizing the country and serving the people of India. His service was not to be restricted to the material plane, but would be on a deeper level, on the spiritual plane which he considered to be the core of India. The message he preached in India was not the one of renunciation and mysticism that he was used to hearing. Instead he chose to work staunchly for the downtrodden and poor of the country, for women and to uplift the whole society. He realized that to carry out his plans for spread of education and upliftment of the people, he would need an efficient and dedicated organization. Thus, he founded The Ramakrishna Mission in 1897 to serve as a machinery that serve towards materialising these goals. Today this Mission runs more than 600 schools, many Colleges, Universities, Orphanages, Rehabilitation Centres. It also works with the Government in providing services in tribal areas and in providing solar power to areas like the Sundarbans.

Swami Vivekananda contributed to the awakening of his countrymen by his profound ideologies. Strength, strength was his message to Indians - physical strength, moral strength, strength to work for others. He railed against the weakness that had crept into the society, and preached self-control for the young. And it was a message powered by his own example and his tireless work throughout the country. Before his Mahasamadhi, he had written to a Western follower, "It may be that I shall find it good to get outside my body, to cast it off like a worn- out garment. But I shall not cease to work. I shall inspire men everywhere until the whole world shall know that it is one with God."

Undoubtedly Swami, his thoughts and visions are rooted deeply into mindset of youths and for centuries to come, it will inspire them to strive hard in path of empowering their lives.

-Ujala Jha

EDITORIAL

Greetings Readers!

It has been a joyride full of bumps and twists and turns for us and our fellow team members as we bring to you the annual magazine 'Vishwakarma 2017'. The magazine making process started few months back and since then the reporters are on their toes running up and down collecting information, reconfirming it multiple times and then drafting it down to be finally proof read. But it does not end here. As soon as we start compiling the articles, there comes a bummer, when a correction needs to be done somewhere in some article before it goes into the magazine and again the cycle starts where the reporters run back and forth to the concerned authorities to get it corrected and verified and finally it goes to the design team who are again working tirelessly to give these raw articles and reports a presentable structure, burning the midnight's oil, to bring this magazine to its present form. The going certainly gets tough but the entire team is even tougher and hence they get going too. It gives us immense pleasure to see our efforts come to fruition as we present this magazine to all its readers.

As the tradition goes we pay our tributes to Swami Vivekanand, who has been a source of inspiration throughout this process. We also commemorate one of India's greatest mathematicians, Srinivasa Ramanujan, who put India's name on the global map in the field of Mathematics. The magazine features an article on Alumni meet, the annual event of VESIT. VESIT has been known for high percentage of campus placement and this year is no different. The placement report reaffirms it. The seven departments in VESIT are its building blocks and are striving to excel in their respective fields. The department reports shed a light on the various activities and the achievements of these departments. Looking beyond syllabus continues to receive overwhelming response from the students who are eager and daring to look beyond the syllabus. This year again, two VESITIANS, Harsh Gupta and Nirbhay Pherwani, made us proud when they won the national level Hackathon at IIT, Mumbai. This magazine also celebrates the newly inducted Tinkerer's lab initiative. Praxis has been one of the most cherished events of the year. We share a glimpse into this 2016 technical fest. VESIT has always encouraged extra-curricular and co-curricular activities for the holistic development of the students. Various societies like CSI, IEEE, ISTE, ISA and SPICE have been incorporated for this very reason which conducts various workshops, seminars and competitions. Music and Cultural councils are busy keeping the musical and cultural vibes intact throughout the year by conducting various cultural programs. Social cause has always been at the heart of VESIT and SoRT, the social wing of VESIT continues to render service to the society through its activities. VESIT also believes in the power of language and communication which brings the VESLit circle to the forefront. This initiative has been a roaring success and continues to spread its influence since its induction. VESIT PhotoCircle has become the 'go to' place to get all the memories captured into the camera for lifetime. Our monthly newsletter, VESITConnect, recently celebrated its first anniversary, commemorating one year of successful assiduous reporting. This magazine rejoices that success! Sports have been an integral part of VESIT and Sports council makes it a point to keep this sporting culture of VESIT alive. This magazine would be incomplete without students' contribution. Hence, one section is completely reserved for student articles, poems, sketches, photography to provide a platform to showcase their creative genius.

The Editorial team would also like to thank Mr. Vikas Pange and Ms. Ashwini Tambadkar from the administrative office for sending in regular and timely information and data of events held in our college. We would also like to thank the VESIT Photo Circle for providing us the photographs of events and activities held in college.

As co-editors, we had lot of fun working with this wonderful team of Vishwakarma under the guidance of Prof. Geeta Ajit and Prof. Priya R.L. We would cherish this experience for the rest of our lives. But now the time has come to part ways and hand over the reins. We hope that Vishwakarma goes on to become an emotion of every VESITian and does not remain just a magazine. With a heavy heart and lots of pleasant memories we sign off as the 'Editor-in Chief' (the position we are going to miss dearly) for Vishwakarma 2017.

We hope you will cherish reading this issue of Vishwakarma as much as we enjoyed working bringing it to you. Happy Reading!

- L. Sowmyasree
Salil Shahane

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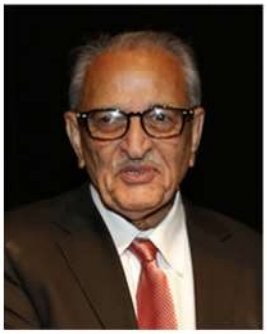

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The Man who knew infinity

"An equation means nothing to me unless it expresses a thought of God." **- S. Ramanujan**

India has been blessed with the contributions of some great personalities with their remarkable work which has made India proud in front of the world. Srinivasa Ramanujan was one such personality. Born on 22nd December 1887 at Erode, Tamil Nadu into a Brahmin family, with almost no formal training in pure mathematics, he made substantial contributions to mathematical analysis, number theory, infinite series and continued fractions. As a child, he was not interested in going to school. When he was 15 years old, he obtained a copy of George Shoobridge Carr's Synopsis of Elementary Results in Pure and Applied Mathematics, 2 vol. (1880–86). This collection of thousands of theorems, many presented with only the briefest of proofs and with no material newer than 1860, aroused his genius. Having verified the results in Carr's book, Ramanujan went beyond it, developing his own theorems and ideas.

S. Ramanujan

In 1903 he secured a scholarship to the University of Madras but lost it the following year because he neglected all other studies in pursuit of mathematics. He was so intent on mathematics that he could not focus on the other subjects, and eventually failed in most of them, leading to his losing the scholarship. He then joined another college where again he failed in other subjects. Finally, without a degree, he left college and continued to pursue independent research in mathematics. He lived his life in extreme poverty and often on the brink of starvation. After marrying in 1909 he began a search for permanent employment that culminated in an interview with a government official, Ramachandra Rao. Impressed by Ramanujan's mathematical prowess, Rao supported his research for a time, but Ramanujan, unwilling to exist on charity, obtained a clerical post with the Madras Port Trust.

In 1911 Ramanujan published the first of his papers in the Journal of the Indian Mathematical Society. His genius slowly gained recognition, and in 1913 he began a correspondence with the British mathematician Godfrey H. Hardy. He wrote a letter to G.H. Hardy stating his research in the subject. For Hardy, some of the formulas seemed impossible to believe. After discussions with other mathematicians, Hardy concluded that the letters were "certainly the most remarkable I have received" and stated that Ramanujan was "a mathematician of the highest quality, a man of altogether exceptional originality and power". Hardy invited Ramanujan to Cambridge as a researcher but Ramanujan declined his request. As a Hindu, he believed that going to foreign land especially crossing the sea was sinful. His mother opposed his undertaking a deed of sailing to the foreign land. But later his mother had a dream. In the dream, his mother had seen herself surrounded by Europeans and heard the goddess commanding her to stand no longer between her son and the fulfillment of his life's purpose. She immediately gave her consent.

Ramanujan travelled to England in 1914, where Hardy tutored him and collaborated with him in some research. Ramanujan stayed at Cambridge for four years and during this period he produced many papers of great mathematical significance in collaboration with his mentor Professor Hardy. His phenomenal and exceptional genius was recognized all over the academic world. He was elected Fellow of the Royal Society, London in 1918. He was then 30 years of age. His mastery of certain areas of mathematics was fantastic and unbelievable. But soon his hard work began to affect his health and he fell seriously ill. In April 1917, Ramanujan contracted tuberculosis. It was decided to send him back to India for some time. He breathed his last on April 26, 1920, at Kumbakonam at the age of 32 years. His death shocked Professor Hardy and others beyond words.

Ramanujan was deeply religious and united spirituality and mathematics. For him, the zero represented the Absolute Reality. It is believed that he was a great devotee of the Hindu goddess of creativity and that the goddess used to visit him in dreams and she wrote equations on his tongue. Ramanujan was the first Indian to be elected to the Royal Society of London. Ramanujan found mathematics as a profound manifestation of the reality. He was such a great mathematician and genius as transcends all thoughts and imagination.

During his short life, Ramanujan independently compiled nearly 3,900 results. Nearly all his claims have now been proven correct. His original and highly unconventional results, such as the Ramanujan prime and the Ramanujan theta function, have inspired a vast amount of further research.

- Bhavesh Motiramani

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Principal's Desk
Dr. J. M. Nair

The year 2017 will be remembered as a year when India's space programme rocketed into record books by successfully deploying 104 satellites into the orbit – a feat not accomplished by any country so far. It has been recorded as the highest number of satellites sent in a single mission, overtaking Russia's feat of launching 37. It is really a proud moment of every Indian, not only for space scientific community, but also, for the whole nation.

Dr. J. M. Nair

Every engineer can also be proud of "Laugh Star"- 3D printed representation of sound waves generated from human laughter-created aboard the International Space Station (ISS) which has become the first ever piece of art to be produced outside the Earth. The artwork was printed using Additive Manufacturing Faculty, a gravity independent 3D Printer which supports the daily operations of ISS by producing parts, tools and assemblies.

Academic year 2016-17 has also been a year of achievement and recognition for VESIT. National Board of Accreditation granted three years of accreditation to Departments of Electronics & Telecommunication, Information Technology and Instrumentation and two years of accreditation to Departments of Computer and Electronics from academic year 2016-17.

Another recognition was the award of Platinum Ranking in the AICTE-CII Industry-linked Technical Institute Survey 2016 under the category of Best Industry Linked Engineering Institute (Degree). It is worth mentioning that only 18% of the institutes that participated in this survey secured platinum rank. To add another feather to the cap: VESIT has been awarded "The most Promising Engineering College with Excellent Faculty in Maharashtra" at the Asia Education Summit and Awards 2017.

We are proud of our third year Electronic Engineering student Rohit Kashyap, whose project "Semi-Autonomous Pipe Line Exploration Robot" was selected for the finals of NI Yantra 2016 competition, out of 950 teams, which was conducted by National Instruments, Bangalore.

The Final year students of Electronics & Telecommunication Engineering successfully presented project titled 'Road Divider Based Power Generation and Street Light Illumination' which won the 2nd position in University Research Convention of AVISHKAR 2016-17. They represented the University of Mumbai in the final Round. The proposed model demonstrates the generation of electricity with the help of wind energy from the vehicular movements on the Highways. Our Ph.D student Mrs. Shilpa Joshi also presented her paper titled 'Novel filter designing for speckle noise removal from medical images.' and represented our institute at district level, in the same Inter-Collegiate Research Convention.

Three teams of students, two from computer department and one from Electronics & Telecommunication department, secured first and third position respectively, in the 8th Indian Youth Science Congress held at University of Mumbai from 16 to 18 February 2017. The projects were Lung Cancer Detection using Image data Analysis and machine Learning, Drought Prediction and Management system using Big Data Analytics and Next Generation PCB Fault Detection and Rectification respectively.

The academic results of first batch of credit based system for academic year 2015-16 of MCA was 100%, followed by Electronics & Telecommunication department with 99.5%, Computer and Instrumentation Department 99%, and Electronics with 90%.

Our Degree Distribution Ceremony was conducted on 18 February, 2017. Dr. B.K.Dutta, Dean HBN, Shri Britto, Technical Director, RCF and Shri. Pankaj Doke, Senior Scientist, Tata Consultancy Services addressed our students during this occasion.

The placement scenario has been promising with 72.27% compared to the last year's 63.83%. This year 11 new companies visited our campus, thanks to the special efforts of our efficient Training and Placement team. Accenture remained the top recruiter this year also, with placement offered for 260 students across all branches, followed by Capgemini, which placed 92 students. The highest salary offered was 16 lakhs by Morgan Stanley, which placed two of our students.

We congratulate our students Tarleen Dand, Anant Gupta and Mayur Kolwani for receiving Shresthta Award for conquering adversities while excelling in various domains and continued to maintain good academic grades.

Our social responsibility team (SoRT) collaborated with five NGO's namely National Association for Equal Opportunities for Handicapped (NASEOH, Chembur), Are You Recycling? (RUR, Matunga), Bal Anand (Chembur), Self Esteem (Chembur) and Karmayog by volunteering to sell their handmade products during SoRT week 2016.

SoRT in association with Marrow Donor Registry (India) held a Bone Marrow Registration drive on the 12 August 2016 in our campus. They also had a blood donation drive, Thalassemia test and eye checkup in association with Hashu Advani Memorial Trust and in collaboration with doctors from JJ Hospital.

An inter-class debate competition was held on 20 October 2016, which was sponsored by the UNION BANK of India. It was conducted to inspire the young minds to think deeply on socially relevant problems. The topics for the final round included, 'RTI is an effective tool to tackle corruption', 'Corruption can never be eliminated in a democratic country and 'Men are more susceptible to corruption than women'. The interclass One Act English play competition was also conducted for first and second year students and was judged by experts from Tata Institute of Social Sciences.

Illusion'17 an intra-collegiate competition, conducted on league format, was held during the second week of January where six teams, comprising of students from all the five branches of engineering as well as MCA, competed with each other in six portfolios dance, drama, sports, aesthetics, music and visual arts. Visual Arts portfolio which was introduced newly in this year tested the video editing and photography skills of participating teams.

Our budding engineers excel in extracurricular activities also. Our students secured 1st place in Inter-collegiate Drama competition in Manzhar conducted by ICT, Second place in Talash conducted by Jai Hind College, 3rd place in Mithibai College and Xavier's College. We are also proud of our student Utkarsh Pathak who won Bronze medal in National Kudo tournament and Uska Asian Karate Championship 2017 and Miss. Darshana Jain, third year Electronics Engineering student who secured 3rd place in Mumbai University Boxing Tournament under 75Kg middle weight category.

This year's alumni meet was celebrated on 7 January, 2017 and three of our alumni Ms. Tanushree Bagrodia

(Computer-2001), Chief Finance officer and Vice President-IT of NRB Bearings Ltd (turnover USD 100m and Market Cap USD 200m), Mr. Anubhav Sonthalia (Computer-2002) Co-founder & COO, Sokrati, Mr. Neeraj Vashi (Computer-1990-91) founder and director of Nivalink were presented the Distinguished Alumni Award. We are also proud to inform that our alumnus Dilip Kumar Khandelwal , Managing Director, SAP Labs India and Executive VP & Global Head of Suite Engineering is selected as one of the India's Hottest 40 Young Business Leaders 2016, under forty.

VESIT celebrated Vigilance Awareness Week from 31 October to 5 November 2016 where all the students had taken integrity pledge in the class and all staff took online integrity pledge. Constitution day was also celebrated on 26 November 2016. We were delighted to welcome Shri. Chandrakant Patil, Minister of Revenue and Public Works, Government of Maharashtra who visited our campus this year, for the celebration of "Nishkam Seva Divas", birth anniversary of late Shri Hashu Advani, our founder trustee.

We are very much proud of our staff members of Electronics Engineering Department, whose research proposal got a grant of 3 lakhs from ISRO under Mars Orbiter Mission – An Opportunity (MOM-AO). The proposed research work by the team is related to surface geology, composition and morphology of Mars, by utilizing the data captured by the on-board sensors. Eleven of our faculty members got Minor Research Grant from Mumbai University also for this academic year.

Faculty Development Programs are regularly conducted in our institute to keep teachers updated about the latest technologies. One week ISTE approved Industry Oriented Workshop on "IT Innovations" in collaboration with Capgemini, SAP Labs and Foslipy from 5 January to 11 January 2017. The workshop was organized by departments of Computer Engineering, Information Technology and Master of Computer Applications. An industrial visit to Capgemini and practical session on Python Data Analytics were also organized. Cloud Computing, Service Oriented Architecture, Internet of Things, Agile Methodology and SDLC Concept and User interface Design were the topics covered during this workshop. The faculty of EXTC has visited POLICE COMMISSIONERATE OFFICE, Navi Mumbai, Belapur on 5 January, 2017 to understand VSAT facility used by Maharashtra Police. A visit to Solar Power Station of RCF was also organized for Instrumentation, Electronics and Electronics & Telecommunication department on 27 January 2017.

A one week Special Faculty Development Programme "Aarohan" was organized from 4 July to 9 July 2016 by VESIT Renaissance cell. Mahindra & Mahindra sponsored the two day workshop and it provided a wonderful opportunity to faculty members for augmenting and elevating their effective conversation skills and team building skills. A session on Multiple Intelligence was delivered by Mr. Y. Dattatreya, Leadership Consultant, on 7 July 2016 followed by a Yoga session by Ami Yoga Solutions Private Limited and an expert talk by Dr. Nair a very renowned Orthopedic Surgeon from Zen Hospital, who delivered a talk on prevention of osteoarthritis & Osteoporosis.

As a part of our expansion plans, the Bhoomi poojan for extension building was conducted on 6 March 2017. We are very much indebted to our management, VES President Shri Mahesh Tejwani, Secretary, Shri Dinesh Tahiliani and Treasurer Shri Amar Asrani for sanctioning our proposal for extension wings of our building.
Marching ahead, VESIT is planning to apply for academic autonomy this year, which will provide us flexibility to modify existing academic structure and also, to include innovative ideas which will help us to enhance academic excellence.
We sincerely invite suggestions, feedback and guidance from stakeholders, in this regard. This will help us to make suitable changes and modification which will go a long way in making our teaching learning process more effective and relevant with times.

"Arise! Awake! And Stop Not Till The Goal is Reached!" **- Swami Vivekananda**

Vice Principal's Desk
Dr. M. Vijayalakshmi

VESIT has always taken pride in imparting holistic education to its students. Our vision " To create a vibrant knowledge-oriented environment with innovative teaching practices and to inculcate a tradition of socially conscious application of technology", indicates our dream of reaching for the beyond. I am proud to say that, this year too, we have been able to deliver this promise. The Platinum status conferred upon us by AICTE in association with CII and winning the "The most promising Engineering College with excellent faculty in Maharashtra" award at the Seventh Asia Education Summit and Awards, 2017 organized by World Wide Achievers on 9March 2017, at New Delhi goes on to prove our commitment and achievement.

Dr. M. Vijayalakshmi

We are constantly striving to improve and bring innovative techniques in our teaching-learning practices. POGIL, Project Based Learning, Flipped classrooms, using NPTEL, E-Yantra and Virtual labs initiatives from MHRD, continuous collaboration with industry experts to deliver current trends to our students are some of the efforts taken by us as we strive towards our goal.

VESIT boasts of a well-equipped library, state of art laboratories, with industry caliber hardware and software. Our students run professional societies, industry collaboration labs help us to create and nurture a vibrant knowledge oriented environment ideal for creating next generation engineers ready to take our nation into a nation of job creators as versus job seekers.

Commitment to society is at the core of VESIT culture. Our SoRT team continues to associate itself with several social organizations to participate in activities that benefit the society. Blood donation drive, Bone Marrow Donation Registration, crowd management during Gokulashtami festival, helping citizens waiting in long bank queues during demonetization, are some of the activities taken up by them during this academic year.

Team work and cooperation by staff and students, and the special endeavors by the faculty has enabled us to continue to maintain our standards and quality.

Wishing you all the very best.

"See for the highest, aim at the highest and you shall reach the highest"

- Swami Vivekananda

Alumni Meet

VESIT organized its annual Alumni Meet on 7 January 2017 at 7:00 p.m. The event started off with inspiring words by our Managing Trustee Shri. Dinesh Tahliani and Member Trustee Shri. Suresh Bharwani. The distinguished Alumni Awards were presented to following alumni.

1. **Ms. Tanushree Bagrodia**, (Computer – 2001), CFO and VP-IT of NRB Bearings Ltd, 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.

Ms. Tanushree Bagrodia

   A keen observer of Indian politics, she covered the 2009 general elections for a US based online magazine, The South Wing. She is not only a thoughtful leader, contributing to varied CFO publications but also an aspiring writer, wherein she has a regular blog that expresses her views on varied topics from women empowerment to life to city infrastructure.

2. **Mr. Anubhav Sonthalia**, (Computer – 2002) Co-founder & COO, Sokrati Anubhav 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 over-sees 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.

Mr. Anubhav Sonthalia

   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 bio-grid 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.

3. **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.

Mr. Neeraj Vashi

The experience of the evening was enhanced with music from the hugely popular band 'Behad'. It was a time and event for old relationships to be cherished, celebrated and refreshed and new ones to formed. New bridges were built and partnerships were forged. It was time of reflecting, remembering the good old times and memories

of the Alumni and looking forward with a sense of purpose and anticipation. The night ended with delicious dinner for the participants of the event. We are looking forward for a greater partnership with Alumni in the days to come.

Alumni showcasing their talents

Captivated audience at Alumni meet

Dilipkumar Khandelwal, 39
MD, SAP Labs India and Executive VP & Global Head of Suite Engineering
Education: ISB, Hyderabad
Previous jobs: Grasim
Claim to fame: Made SAP Labs one of the 10 best places to work for in India (as per The Economic Times' study - India's Best Companies to Work For)
Who I want to be when I am 50: I don't think it's prudent to plan for such a long horizon in a dynamic world. My long-term desire is to leverage technology to make a difference for the people around us by enabling our young entrepreneurs
Success to me is: The ability to do what I love every day and flexibility to take on new challenges. I believe success is in creating a positive difference in people around me. When I see them accomplished and happy I can probably call myself successful
THE BEST ADVICE I EVER GOT: INDIVIDUAL TALENT CAN FETCH YOU A GREAT SCORE, BUT TEAMWORK CAN HELP WIN A TOURNAMENT

VESIT's 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 Economic Times, Pg 15,20 & 21 Dt. 28.9.2016

"Optimism is the faith that leads to achievement. Nothing can be done without hope and confidence."

- Helen Keller

Degree Distribution Ceremony 2017

The Degree Distribution Ceremony for the academic year 2015-2016 was held on 18 February 2017 in the college auditorium. The ceremony for the Departments of Instrumentation, Electronics and Electronics & Telecommunication Engineering graduates was held in the morning. The distinguished guests for the morning session were Mr. C.M.T. Britto (Director (Technical), Rashtriya Chemicals and Fertilizers Ltd.) and Dr. B. K. Dutta (Dean, Homi Bhabha National Institute, Mumbai).

Dr. B. K. Dutta

Dr. Dutta highlighted on the importace of having a multidisciplinary outlook in today's world while addressing the students. He also urged the graduates to 'decide your final goal' and to determine what they want to be remembered as when they retire forty to fifty years down the line.

Mr. Pankaj Doke

The Departments of Computer, Information Technology and MCA graduates were awarded their degrees in the afternoon.The afternoon session was graced by Mr. Pankaj Doke (Senior researcher at TCS innovation lab) as the chief guest. He asked the students to create experiences through softwares and finding the right organization to invest in to make phenomenal amount of money. He declared "No need to look at the Silicon Valley, you ARE the Silicon Valley." While concluding he told the students "We can't predict the future,we can be prepared for it."

Degree Distribution Ceremony 2017 (Afternoon Session)

Below is the address by **Mr. C. M. T. Britto** :

My sincere congratulations to all the graduates. My sincere congratulations also to all the family members, parents and grandparents and friends who have specially contributed to the success of this day by lending support to their wards, may be financially, morally and emotionally.

Mr. C. M. T. Britto

First of all I am grateful to the institution for giving me an opportunity to address the freshly minted graduates.

Graduates- You are setting out on a new journey armed with the technological prowess that has been delivered to you by this great institute through your association with the Institute for the last four years. You have the skill, talent and the intellect to bring change in this world. This education is your ticket to prosperity and will bring you bountiful future prospects.

When I graduated in 1979, we were a batch of 250 graduates. Without knowing what the future holds for us we scattered around the world. Thanks to whatsApp the group could come together once again. It is heartening to note that many of the graduates are contributing significantly to betterment of the world. They are in a position to influence education, invention and acting as drivers of growth and policy initiatives across many nations.

Graduates - you are ushering into the world where technological changes are taking place at breath-taking pace. This pace of change will accelerate further. This is "Fourth Industrial Revolution". What we call it as "digital revolution". Everything is converted and centred around digital. Big data, Data analytics, Artificial intelligence and Internet of things are shaping up our lives. It has started impacting our lives on a day to day basis.

Technological development, over the years, has benefitted all of us – all sections of the society. For example communication- 25 years ago a phone call to the US would cost about 4 dollars per minute. Now a whatsApp call cost nothing and a poorest of poor can also adopt this technology.

Technological changes bring in opportunities and challenges. These opportunities and challenges may confront us in different ways. I attended a CEO conference in Florence recently. There CEOs discussed how digital revolution is going to shape the things of the future. Companies are investing billions of dollars. In one of the discussions it was brought out how the new engineering graduates called Digital Engineers are going to confront 30-40 years experienced engineers armed with Big Data and Data analytics. Data analytics will give cutting edge solutions to the problems of complex refinery and fertilizer plant operations. Text data, image data, video data, shape data, graph data, location data etc. are now being commonly used together for answering complex and difficult questions.

A fresh graduate with little exposure will be able to provide a wonderful workable solution that may baffle even a 40 years experienced engineer. A digital engineer, armed with data analytics, challenging an experienced engineer in offering the rightful solution to the operational problems.

In fact this is a welcome development; why? We are seriously facing shortage of experienced manpower -in that category of 25-35 years of experience. While we are pondering what to do to resolve this lack of experience, this has come to us as a pleasant surprise. With such systems in place – We don't need them; We need not depend on them.

My dear graduates -from now on you will be entering the world with new vision, technological prowess and

Degree Distribution Ceremony 2017 (Morning Session)

capability to transform the world. The perspectives with which you approach the world with challenges- your challenges and the global challenges- will have profound bearing on the society. 25 years from now probably you will be married, have family, children and success in your career. May be many of you will be in a position to guide and transform the world that we live in. Technology will be the frontrunner. This will lead to new age productivity and guide the profitability of businesses. Artificial intelligence may replace large part of the common workforce. A single intelligent retailer may replace about 1000 common retailer across the nation. The speed at which these things will usher in will be phenomenal.

All this progress, sometimes, comes at a terrific speed and at a steep price. The characteristic of the digital economy is "winner takes it all". For example, the number of photographers jobs in the US has fallen by 43% , number of newspaper editorial jobs by 27%. The year web was invented by Tim Berners –Lee in the year 1989, Eastman Kodak was worth 31 billion dollars and employed 145,000 people. In 2012, it filed for bankruptcy. More than 55000 Kodak pensioners are out of luck.

Grand inventions of the 20th century are tormenting us as great challenges of the 21st Century. Just to give examples discovery and rampant use of antibiotics is posing us new challenges in the form of antibiotic resistance and new bugs that are resistant to new generation antibiotics. The discovery of ammonia synthesis by Haber Bosch that prevented the world from famine and hunger is now posing us a new challenge in the form of runoff of nitrogen in groundwater leading to nitrate contamination and eutrophication. Speed at which we cross the continents using high speed jets is speeding up the transport of deadly germs with equal speed, spreading pandemic diseases across the continents in no time.

Graduates, armed with knowledge, experience and skill, 25 years from now you will be the guiding force. Look for solutions and trends that will have human face. Engineering challenges, Technical challenges, scientific challenges are also connected to human challenges. As grand architects of tomorrow I call upon you not to lose sight of mankind requirements and what is best for the mankind. We may be good at new inventions, but we are often not good at predicting the full impact of these inventions. Short term priorities, narrow focus sometimes override long term impacts and analysis. To overcome this we need to adopt a human approach; a human centric framework.

As graduates of this great institution, I am confident, you are prepared enough, creative enough and powerful enough to take on the grand challenges of the modern world. This is our dream, your teacher's dream and your parents and well-wisher's dream. Let that dream come true.

Having touched upon professional attributes, my address would be incomplete if I don't touch upon an

important aspect as to how, as an individual, we develop and associate ourselves- how our association in this world with others transform us as an individual. For this I quote from Swami Vivekananda, the patron of this august Institution.

Explaining the meaning of association, he said

The rain drops from the sky: If it is caught in hands, it is pure enough for drinking.

If it falls in a gutter, its value drops so much that it can't be used even for washing the feet.

If it falls on a hot surface, it perishes.

If it falls on a lotus leaf, it shines like a pearl

and finally,

If it falls on oyster, it becomes a pearl.

The drop is same, but its existence and worth depends on with whom it associates.

Always be associated with people of worth so that you shine like that pearl.

Congratulations once again!

Degree Distribution Ceremony - 2017

Placement Report

Advancement in technology creates a paradigm shift in the way business operations are done. Automation has not only reduced the manpower requirement but also redefined employability skill sets and the recruitment process. The recruitment and placement domain has also seen a movement from Knowledge based recruitment to Skill based recruitment.

The Training and Placement Cell has a structured approach to create awareness about the eligibility criteria and the employability skills required through seminars and workshops. The aim to ensure that students are eligible and become employable by the time they reach final year.

With all these changes in the background, the placement for the year 2016-2017 has been promising so far. Forty two companies have visited our institute till date and a total 532 students have been given offers by them. Nine percent of the students who have been placed are offered a package of five lakhs and above.

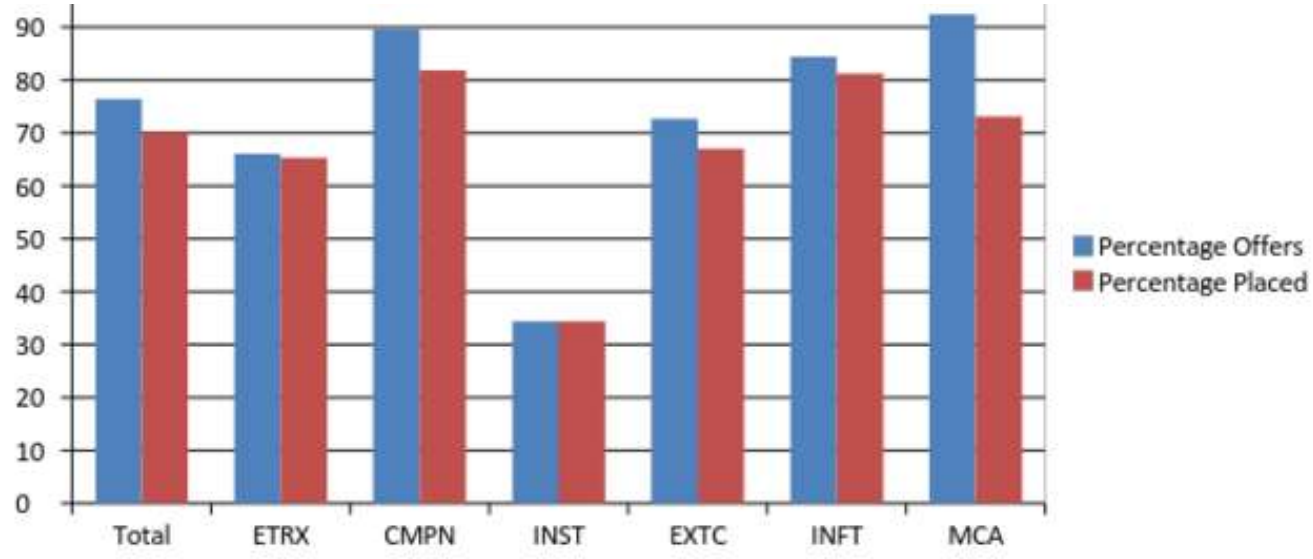
The highlight of this year's recruitment is the selection of two students by Morgan Stanley. J P Morgan had a Code for Good contest and selected 22 students in all. Accenture has always been our major recruiter, and this year they selected 260 students. This is followed by Cap Gemini selecting 92 students.

Our MCA students have got more opportunities for internship with many companies visiting us for the first time. Out of the 86 offers made to MCA students, 18 students are doing internship, which are likely to get converted to full time offers. Nomura has continued to support us by selecting 10 MCA students for internship.

Due to the change in Market situation, Instrumentation based companies have just started with campus placements. Companies like Jacob Engineering, Black and Veatch, Tata Projects will be visiting us shortly. We are confident that the placements for instrumentation students will improve significantly by the end of the academic year which has been the trend for core jobs every year.

Each company has a criteria and students satisfying that criteria are allowed to appear for the process. Based on the above, the percentage of offers and the students placed are given below:

	TOTAL	ETRX	CMPN	INST	EXTC	INFT	MCA
Percentage Offers	**76.43**	**66.12**	**89.64**	**34.37**	**72.67**	**84.37**	**92.47**
Percentage Placed	**70.11**	**65.28**	**81.87**	**34.37**	**67.08**	**81.25**	**73.12**



The placement cell is continuously striving to get companies with higher package along with companies in the core branch sector. We have been successful in inviting new companies for both placements and MCA internship. We look forward to the cooperation of our Alumni to help us in this endeavor.

We are also creating awareness about eligibility and employability criteria at lower semesters with the motto… "Remain eligible and become employable". We are also organizing mock aptitude test and technical finishing schools at department level to help the students to fine tune their skills.

We thank the management, Principal Madam, Vice-Principal Madam and Head of all Departments for the wholehearted support extended to conduct online technical aptitude test and interviews without affecting the academic schedule.

A special thanks to Deputy Placement officer Prof. Dashrath Mane, Placement in-charges from each department along with supporting faculty and student coordinators for the cooperation extended for the smooth functioning of the recruitment process.

Training and Placement Cell 2016-2017		
Training and Placement Cell Officer: Mr. Nagananda.A		
Deputy Training and Placement Cell Officer: Mr. Dashrath Mane		
Department	**Placement In-charges**	**Student Coordinators**
ETRX	Sarika Kuhikar, Neelam C	Riya J, Sandeep Y, Saeed M, Rahul N
CMPN	Indu Dokare Vinayak.K	Jayesh N, Manisha P Manaswini M, Radhakrishna K Sunil B, Tejas W
INST	Prasad Godse	Paras S, Swapnil P
EXTC	Dr. Ranjan Bala Jain , Shobhit. K Mrugendra.V, Chintan J	Deep T, Athul P, Satish T, Manisha V Harsh B, Medha V
INFT	Vidya Pujari	Shreyas A P, Shradha D
MCA	Dhanamma Jagli	Prabhanath N, Bharati N Minhaj S, Rucha S

Prof. A. Nagananda
Training and Placement Officer

Department of Electronics 2016-2017

The Department of Electronics Engineering is committed to impart quality education to the budding engineers. Innovation and Invention is the heart of modern technology and the goal of our department is to 'Design a student who can produce the next generation state of art circuit, system or consumer product along with being well cultured and globally competent'.The department is practicing outcome based teaching learning strategies by implementing various teaching and assessment tools. All faculty members are approachable to the students for any of their problems, whether academic or non-academic. The students of Electronics Department participated in various Technical activities and extra-curricular activities and won few awards.

Department Activities:

Student Achievements/ Activities/ Projects

Summer programs/ Industrial Visits: 38 students went to Hyderabad for INDUSTRIAL VISIT. They visited Cosmic Engineering Enterprises and Servomax India Pvt. Ltd.

Seminars/Workshops: Conducted a Two day workshop on "Arduino and Basic Embedded Systems" for second and Third Year students

Internships/Research Experience: About 40 students done Internship in various companies like Doordarshan, L&T , BARC, etc

Achievements / Scholarships:

Rohit Kashyap, student of Third Year participated in National Level NIYANTRA 2016 under guidance of Prof. Abhijit Shete on project SAPER and won second prize at National level on 19 October 2016.

Department Rankers:

1. Sharvil Panandikar secured first rank in final Year Electronics Department (2015-16) with CGPA 9.29.

2. Anisha Das secured second rank in final Year Electronics Department (2015-16) with CGPA 9.14.

3. Sushmita Manohar secured third rank in final Year Electronics Department (2015-16) with CGPA 9.12.

Faculty News

Publications

- Prof. P. Birajdar, et al. "*A Novel Iris Recognition Technique Using Monogenic Wavelet Phase Encoding*". International Conference on Signal and Information Processing (IConSIP-2016), DOI: 10.1109/ICONSIP.2016.7857494, 6 to 8 October 2016. He also won the Best paper Award for this.

- Prof. P. Birajdar, et al. "*Touch-Less Fingerphoto Feature Extraction, Analysis and Matching using Monogenic Wavelets*". International Conference on Signal and Information Processing (IConSIP-2016), DOI:10.1109/ICONSIP.2016.7857436, 6 to 8 October 2016

- Prof. P. Birajdar et al., *"Enhancement of latent fingerprints on banknotes using monogenic wavelets"* in proceedings of 11th IEEE international conference on signal processing and communications (SPCOM16), IISC Bangalore,2016, DOI: 10.1109/SPCOM.2016.7746603

- Prof. Jaymala Adsul, Dr. P.P. Vaidya & Dr. J.M. Nair, "*A new method of reconfigurable ADC using calibrated programmable slops*", IEEE International conference on Communication & Electronics Systems. (ICCES 2016), 21 and 22 October 2016.

- Dr. (Mrs.) Rajani Mangala, Karthik Chaganty, Tanmay Karadkar and , *"Traffic Signal Preemption for Emergency Vehicles"* International Association for Engineering and Management Education (IAEME),Vol 7, Issue 4 ISSN 0976-6472, April 2016.

- Prof. Naveeta Kant, "*An automated Method for counting Red blood Cells Using Image processing "*, International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering (IJAREEIE), Vol 5, Issue 4, ISSN 2278-8875, April 2016.

- Prof. Abhishek Chaudhari, Riya Jajoo, Divya Upalekar, Jaydeep Lilaramani, Ritu Kukreja, *"A Research On Intelligent Transportation Systems Worldwide"*, International Journal of Advance Engineering and Research Development (IJAERD), Volume 3 Issue ISSN-2348-6406, November 2016

- Prof. Yogesh Pandit et al. *"IOT Based System For Medical Agricultural Practices"* International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering (IJAREEIE) June 2016 ISSN 2278-8875

- Prof. Anushree Prabhu published a Research paper titled *"Sensor and Vision Fusion for Virtual Reality"* in International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering (IJAREEIE),Vol 5, Issue 4, ISSN 2278-8875, April 2016.

- Prof. Anushree Prabhu published a Research paper titled *"Smart Electronic Toll Collection System."* in International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering (IJAREEIE),Vol 5, Issue 3, ISSN 2278-8875, March 2016.

- Prof. Asawari Dudwadkar published a Research paper titled "*Series Load Resonant Convertor for Induction Heating Application*" WEFER in International Conference in Pune on 25 December 2016.

Research Projects

Research Proposal submitted by Prof. Abhijit Shete, Prof. P. Birajdar, Prof. Yogesh Pandit has been Approved & Sanctioned by ISRO under Mars Orbiter Mission – An Opportunity (MOM-AO). The proposed research work by the team is related to surface geology, composition and morphology of Mars, by utilizing the data captured by the on-board sensors.

Conference / Seminar attended

Prof. P. Birajdar attended International Conference (IConSIP) October 2016
Prof. Jayamala Adsul attended IEEE International conference on Communication & Electronics Systems, 21 to 22 October 2016

Workshop conducted / attended

Prof. Abhishek Chaudhari attended workshop on IPR arranged by University of Mumbai 5 September 2016.

All the staff members from Electronics Department attended one week Faculty Development program January 2017.

Other activities
Department of Electronics had organized One week Faculty Development Program (FDP) from 4 to 11 January 2017

Prof. Kavita Tewari
Head of Department

FINAL YEAR STUDENTS WITH FACULTY
BATCH OF 2017 (D16 A & B)

" Success is not final, failure is not fatal: it is the courage to continue that counts. "

- Winston Churchill

Department of Computer 2016-2017

Computer Engineering Department is focused towards providing a rich teaching- learning culture and imparting quality education to students. The department strives to produce globally competent technocrats and inculcate in students a respect for knowledge and team spirit with high ethical values.
The department of **Computer Engineering** had numerous highlights in the year 2016-2017.

Department Activities:

Student Achievements/ Activities/ Projects

Summer programs/ Industrial Visits:

Summer School Programme: Summer School Programme on "*Data Analytics using R Programming*" was organised on 11 to 14 July 2016, with a participation of 18 students from the final year and four alumni. 34 students from the second year and 04 students from the third year attended the Summer School Programme on "*FOSS Technologies with Python Programming*", organised on 11 and 12 July 2016.

Winter School Programme: 03 students from second year, 07 students from third year and 03 students from final year attended the Winter School Programme on "*Data Integration and Business Intelligence with Pentaho and Hadoop*" organized by Computer , IT and MCA department at VESIT from 05 to 11 January 2017.

Seminars/Workshops:

Workshop : For Students

- Two day workshop on "*Virtual Reality Content Development*" was conducted on 25 July and 26 July 2016 by Mr. Aditya Premi and Miss.Ramya Jayanthi at VESIT in association with Intellysys ASP, Mumbai and Fusion Finland, Finland. Priya Hinduja (D17B), Bhavika Motwani (D17C), Pooja Gogia (D17A), Smit Gangurde (D7C), Ashish Ahuja (D12C), Abhishek Chabra (D7C).
- Two day workshop on "*Open Source Programming*" conducted by Mr. Richard Joseph and Mr. Mohan Pawar for third year students on 20 October 2016 and 22 October 2016 to help the students understand how to configure a developer's workstation with the help of virtualization. This workshop aimed at managing the resources provided to the developer in an efficient manner. 55 students from the third year participated in the 2 day workshop.
- 1 day *Data Privacy Awareness Campaign* was conducted in collaboration with IT and MCA departments. A Poster Presentation Competition and an expert session with Dr. Padmaja Joshi, Joint Director (Software Quality) at Centre for Development of Advanced Computing, India (C-DAC) was held that focused on the importance of data privacy and ways to ensure it on 2 January 2017. 16 students participated in poster presentation, 50 attended the session.

Internships/Research Experience:

49 students completed their internships in various industries like L&T Infotech, Hindalco Industries Limited (Aditya Birla Group), Reliance Industries Ltd, Tranzlease India Pvt Ltd, DSP BLACKROCK, Hindustan Petroleum Corp. Ltd., Hindustan Aeronautics Limited, Senergy Intellutions, Uber India Sys-

tems Pvt Ltd, Atlantic Designs, Bhabha Atomic Research Center, Capgemini Pvt. Ltd., Tata Consultancy Services, IT Mightys, Edelweiss Tokio.

Achievements / Scholarships:

Awards and Laurels : Winners

- Final year students, Nirbhay Pherwani and Harsh Gupta 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.
- Final year student, Rucha Desai (D17B) has been declared WINNER of Code For Good, Mumbai 2016, organised by JP. Morgan Chase & Co, Goregaon office.
- Himani Shah, Vinita Rane, Benita Jeyakumar, Jayesh Nainani (D17A), mentored by Dr. Nupur Giri, 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), Mentored by Prof. Kajal Jewani, 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*".
- 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.
- Out of 181 proposed ideas of e-yantra ideas competition VESIT team comprising of Ms. Manisha Mandal (D17C), Ms. Madhura Katageri (D17C), Ms. Mansi Gandhi (D17C), Mr. Navin Koregaonkar (D17C), mentored by Prof. (Mrs.) Sharmila Sengupta was shortlisted and won in the category of "Most Realistic Project" held on 11 and 12 April 2016 at IIT Bombay. The students were given certificates, cash prize and pen drives.
- Project Titled "*Secure Communication Between Nodes based on Mutual Authentication and Dynamic Variable Cipher*" of Sadaf K Ahmed (D17A), Sneha Sahijwani (D17A), Kirti Madhwani (D17A), Pooja Talreja (D17A) won 1st prize and Rs. 5000 cash in Inter collegiate project competition organized by IETE -DMCE student forum on 1 April 2016 at Datta Meghe College of Engineering campus.
- Shashank Salian, Pranav Ganorkar, Dhiren Serai, Aditya Suresh for the project titled " "*Real Time Sign Language Recognition and Translation*", secured 4th position at State level project competition at SPIT, held on 15- 16 February 2017.
- Final year student, Tanaya Seth participated in Inter Collegiate Solo Singing Competition, MANZAR'16 and won 2nd Prize in the competition organised by ICT, Matunga.
- Final year student, Akshit Batheja participated in Inter College Drama organised by VESIT and won 2nd Prize in the competition.

Participation:

- Final year students, Aishwarya Danoji , Priya Puranik, Aishwarya Dhage, Rachana Kamat participated in Avishkar, Research Convention 2016-2017 organised by Ramrao Adik Institute of Technology held on 17 October 2016.
- Final year student, Shikha Soneji participated International Debate Competition Technobate 16 organised by St. Xaviers, Mahim.on 19 March 2016.
- 18 students from the department have participated in the Smart India Hackathon that closed on 8 February 2017.
- 3 student groups have send entries for 8th Indian Youth Science Congress 2017 to be held on 16 to 18 February at University of Mumbai.

Scholarships:

34 students were awarded with various scholarships from Scholarship Organization like Suman Ramesh Tulsiani Charitable Trust, Geeta Israni Foundation Scholarship VES Education Fund, Indiabulls and Tata Scholarship.

Department Rankers:

Results of 2016 batch:

With an overall pass percentage of 96% for the 2016 passed out batch.

The top three Computer department rank holders are:

1st: Lotlikar Tejal Nandkumar Jyoti.

2nd: Aggarwal Atishay Sushil Anjali.

3rd: Ahemdi Sadaf Modh Kassim, Gupta Priyasha Sunil Rakhi and Minla Chandran Mini.

Excellent Placement Record:

This placement season saw 81.87% of the eligible students being placed with 15 students receiving more than one job offers. Sagar Palao and Abhishek Shetye were placed in Morgan Stanley with highest salary of 16 Lakh/annum. The top recruiters were Morgan Stanley, SAP Labs, Nomura, JPMC, IVP, MAQ Software, General Electric and Mindseed.

Competitive Exams:

Students of the department have appeared for various competitive exams such as GRE (51),CAT (18), GATE (16).

Other news/ activities

Guest Lectures:

- Lecture on "*Computer Networks & IoT*" by Mr. Hemant Bharati, CISCO was conducted on 29 September 2016 for third year students.
- Mr. Sujeer Shetty, Capgemini delivered a lecture titled "*Object Oriented Programming Concepts*" on 30 September 2016 for second year students.
- Expert Session on "*Business Intelligence*" was conducted by Mr. Vinaykumar Lad, Capgemini on 3 October 2016 for Third Year Students.

- Lecture on "Social *Network Securities*" was conducted by Mr. Ajit Gadve, Secroute Pvt. Ltd. on 24 October 2016 for final year students.
- A talk by Subodh Gajare from Cisco, Banglore on " Internet of things: Case studies of Smart Cities"on 10th Feb 17.
- A Guest lecture by Prof. Nagananda, Assistant Professor, Department of Electronics and Telecommunication, VESIT on "*How to write a technical paper*" was arranged for the students of third year and final year on 9th February 2017.

Conduction of NPTEL Video Lectures

- "*UML Diagrams*" by Prof. Partha Pratim Das, IIT Kharagpur for D12A Students on 29th Sept. 2016.
- "*AVL, B Tree, B+ Trees*" by Prof. Das, IIT , NPTEL, for D7B students on 7th Oct 2016.
- "*Sequential Circuits*" by Prof. S. Srinivasan, IIT Madras, NPTEL, for D7B students on 7th Oct. 2016.

Virtual Labs

Virtual Lab has been conducted for all final year students by Mrs. Sharmila Sengupta, Mrs. Snehal Mane, Ms. Poonam Gholap for the subject Digital Signal Processing (Source : IIT, Kharagpur).

Students Projects:

Projects in industry such as Sai Packer and Printers, Macksofy Technologies Pvt. Ltd. FAFADIA TECH, and Thane Municipal Corporation have been taken in the domain of ERP, Data mining and Robotics.

spRdh

A new initiative :- spRdh - Engage, Perform and Compete was introduced for the second and third students of Computer department to enhance and apply their skills through development of projects through innovative project ideas. We have total 12 projects running under this initiative.

Entrepreneurship

Tejas Watamwar (D17C), developed Techzilla (A startup that provides complete web Solutions- website development, SEO, Digital Marketing for websites) with a Revenue: 2,10,000 INR.

Social Responsibility Endeavours:

In association with an NGO Citizens Association for Child Rights(CACR) who is working with the MCGM Education Department to help in improving quality of education and healthcare for children in municipal schools, 6 students of the department did their internship to train teachers towards attaining Computer Literacy.

Faculty News

Research Publications:-

More than 35 research papers have been published by the faculty in a number of international journals and conference of repute.

Research Projects

Minor Research Grant:

- Dr. Nupur Giri received Minor Research Grant of Rs. 20000 from Mumbai University for the project titled "*Home Automation using Panoramic Image*".

- Mrs. Lifna C.S received Minor Research Grant of Rs. 23000 from Mumbai University for the project titled "*Location based alert system using twitter analytics*".

Courses conducted / attended

Courses Conducted By faculty:

- Dr. Nupur Giri conducted a ISTE Approved STTP on *"Computer Network Security - A Laboratory Approach"* organised by Dept of Computer Engg, AIKTC, New Panvel on 11 -16 July 2016.
- Dr. Nupur Giri conducted a Skill enhancement lecture for ME (IT), VESIT on Infrastructure Design: Enterprise and Lan Design on 26 and 27 October 2016.
- Prof. Anjali Yeole conducted a course titled "*Technology Convergence and its Practices*" organised by SPIT College of Engineering from 19 to 23 December 2016
- Prof. Sujata Khedkar conducted a course titled "*Cloudera Academic Training for Developing with Spark and Hadoop*" organised by VESIT, Chembur from 26 September to 7 October 2016.
- Prof. Sujata Khedkar conducted session in ISTE Approved STTP on "*Data Science and Big Data Analytics*" organized by Department of Computer Engineering, Father Agnel College of Engineering, Vashi on 19 -24 December 2016.
- Prof. Richard Joseph and Prof. Mohan Pawar conducted a course titled "*Cloudera Academic Training for Developing with Spark and Hadoop*" organised by VESIT, Chembur from 20-22 October 2016.

Courses Attended By Faculty:

- Prof. Lifna C. S attended FDP on "*Use of ICT in Education for Online and Blended Learning*" organised by IIT Bombay on 2 May -13 August, 2016.
- Prof. Sujata Khedkar attended "*Text Analytics*" organised by C- DAC, Kharghar on 16 -18 June, 2016.
- Prof. Richard Joseph and Prof. Mohan Pawar attended STTP on "*Emerging Trends in Cloud Computing with IoT and Big Data*" organised by Atharva College of Engineering on 4 - 15 July, 2016.
- Prof. Sujata Khedkar attended course on "*Predictive Analytics and Recommender Systems*" organised by C- DAC, Kharghar on 14-16 July, 2016.
- Computer Department Faculties attended course on "*Intellectual Property (IP) and the Rights Associated with IP and Patent Law*" by Dr. Krishna Lala, organised by IIT Bombay on 22 July, 2016.
- Prof. Prashant Kanade, Prof. Vidya Zope, Prof. Abha Tewari and Prof. Sunita Sahu attended "*FDP on cognitive and cloud computing, IPR and Patenting process, making learning stick*" organised by TCS,Thane on 23 Jan 2017.
- Prof. Prashant Kanade attended a session on "*Computer Network : security lab approach*" organised by Kalsekar College 11 July - 16 July 2017.
- Prof. Priya .R.L attended session on "*New Trends in Software Engineering*" organised by Accenture on 15 December 2016.
- Prof. Mohan Pawar attended an ISTE approved STTP on "*High Performance Computing with CUDA, MPT and Open MP*" from 1 to 5 February 2017 at VIT, Mumbai.

- Prof. Gresha Bhatia and Prof. Manisha Gahirwal attended a 1 day session by Mr Bruce Momijan, Co-Founder PostgreSQL organised by TCS, Thane on the business value of Postgres advances and new technology enhancements on 10 February 2016 as TCS Academia Connect program.

Expert Talk : Research Forum

Expert talks conducted / proposed under VESIT Research Forum:

- Dr. Krishna, from IIT Bombay delivered an Expert Talk titled "*FPR policy and patenting*" on 22 July 2016.
- An expert talk on " *Big Data Hadoop* " was conducted on 31 January. 2017 by Mr. Suyog Nagaokar, Associate consultant, Teradata.
- Mr. Rahul Vaze from TIFR delivered a Expert Talks "*Graph Matchings and Wireless Communications*" on 16 September 2016.

Workshops Attended

Computer Department faculties attended ISTE approved Industry Oriented workshop on "IT Innovations" organised by VESIT Computer, IT and MCA department on 5 to 11 January 2017.

Other news/ activities

Industrial Visits:

Faculties of Computer Department, VESIT visited Capgemini Mumbai on 9 January 2017, and had a session on "*Angular JS*".

Conduction of NBA Orientation Program

An NBA Orientation Program had been organized on 4 October 2016 by the department, where in a number of senior faculty members from Anjuman-I-Islam's Kalsekar Technical Campus (AIKTC), School of Engineering, New Panvel, had visited the Computer department to understand the methodology and prepare themselves for Accreditation.

Faculty Quality Improvement

- Prof. Prashant Kanade registered for Ph.D. at Jaipur, Singhania University and has completed his course work
- Prof. Gresha Bhatia was conferred the Ph.D. Degree in faculty of Technology by Mumbai University in the month of February 2017.

Dr. Nupur Giri
Head of Department

FINAL YEAR STUDENTS WITH FACULTY - BATCH OF 2017 (D17 A & B)

FINAL YEAR STUDENTS WITH FACULTY - BATCH OF 2017 (D17C)

Department of Instrumentation 2016-2017

The Instrumentation Department wishes to gradually climb the hierarchy of career and professional life. To do that we instil skills by involving ourselves in innumerable growth activities like research, discussions and personal development which will help us ace our ambitions.

Department Activities:

Student Achievements/Activities/Projects:

SEL Lecture

B.E. students of Instrumentation department (D18) had an Expert lecture on "*Functional Safety*" by Prof. Shivendra Kapoor, Manager, CMSRS- Mumbai, on 15 October, 2016.

Industrial Visit:

Third year Instrumentation students (D13) had an Industrial visit to RK Controls Industrial Factory on 1 October 2016 and this IV was arranged by our faculty Prof. Prasad Godse.

Shresthta Award:

On 15 October 2016, Mayur Kalwani of INST D18 was awarded the Shresthta Award for conquering adversities while excelling in various domains and continued to maintain academic grades

Placement activities

- It's a pleasure to announce that 21 students out of eligible 63 students of 2013 -17 batch have got placement with offers from various companies like Reliance Industries, L&T core, Emerson, Accenture, CapGemini, and Wisdom Labs.
- Faculty of INST department conducted a Finishing school for Final year students (2013-17 batch) on Industrial engineering, Sensors & Transducers and Microcontrollers. This finishing school was conducted by Prof. Prasad Godase, Prof. Gopalkrishnan N and Prof. Kadambari Sharma.

Internships

20 students attended Internship programs in various industries like RCF, BARC, Air India, Tata Power Co. Ltd., etc.

Faculty News:

Commendation

Instrumentation department faculty, Prof. M.D. Patil has successfully completed his PhD, from IIT-B on November 2, 2016. His PhD Thesis was titled as "*Reduced order sliding mode control for Non-minimum phase systems: A special co-ordinate basis approach*".

Publications

Dr. Jayalakshmi Nair and Prof. Sangeetha Prasanna Ram, published a research paper on "*A Preliminary Examination of the Application of Unscented Transformation Technique to Error Propagation in Nonlinear Cases of Nuclear Data Science*", in Journal of Nuclear Science and Engineering, Volume 183, page no. 356-370, July 2016.

Courses Conducted

- Prof. Kadar Shaikh, Prof. Kadambari Sharma and Prof. Kanchan Chavan were resource persons in "*Basic Automation Course*" conducted at VESIT-AIA CDC in July 2016.
- Prof. Kadar Shaikh, Prof. Nilima Warke and Prof. Kanchan Chavan conducted a training programme on "*LabVIEW Core 1 course*" under VESIT-NI LabVIEW Academy January 2016.
- Prof. Kadar Shaikh, Prof. Kanchan Chavan and Prof. Sangeetha Prasanna Ram conducted a training programme on "*LabVIEW Core 1 & Core 2 course*" under VESIT-NI LabVIEW Academy in January 2017.
- Prof. N Gopalkrishnan conducted a 2-day FDP on "*Innovative Teaching-Learning Methodology*" for the faculty of Instrumentation department in January 2017

Conference / Workshops / Lecutres

- Prof. Gopalkrishnan N and Mr. Kadar Shaikh attended a Four Day Symposium on De-HPC at IITB from June 1, 2016 to June 4, 2016.
- Prof. Sangeetha Prasanna Ram attended a Quality Improvement Program (QIP) at IIT Bombay on "*Monte Carlo Simulation of Complex Biological Systems*" from June 13, 2016 to June 17, 2016.
- Prof. M. D. Patil attended a Winter School at IIT Bombay from October 26 to October 30, 2016.
- Prof. Sangeetha Prasanna Ram attended a QIP at IIT Bombay on "*Modern Biophysical Techniques*" from December 15, 2016 to December 19, 2016.
- Dr. Jayalakshmi Nair delivered a lecture on "*Use of Kalman Filter Technique for Data evaluation in nuclear data science*" at seminar on Nuclear Reaction and Applications held at BARC during 2 November -12 November 2016 organised by Nuclear Data Physics Centre of India, BARC.

Other Activities:

Patents

- Patent application was filed jointly by IIT Bombay and VESIT on August 26, 2016 for "*Universal Hardware Partial Discharge Simulator*".
- Agreement for collaboration was signed between IIT Bombay and VESIT for research work on "*Investigation and Characterization of Partial Discharge phenomena in high voltage equipment*" on April 7, 2016.

Dr. P. P. Vaidya
Head of Department

FINAL YEAR STUDENTS WITH FACULTY - BATCH OF 2017 (D18)

Department Of Electronics & Telecommunication 2016-2017

The department's vision is to nurture students to become technocrats with a humane outlook. The department has been accredited for a period of 3 years from 2016 onwards.

Student Achievements/ Activities/ Projects

Summer programs/Industrial Visits:
An Industrial visit was organised for EXTC (S.E. & T.E.) students to Hyderabad from 26 to 30 June 2016. They visited the following places:
Radio city 91.1 FM : Radio City is India's first private FM radio station and was started on 3 July 2001. It broadcasts on 91.1(earlier 91.0 in most of cities) megahertz from Mumbai.

Harshini Tele Systems : It is a leading developer of Telecom Infrastructure in India, starting from Telecom Network Planning and Design through Operation & Maintenance.

Seminars/Workshops/:
Skill enhancement lecture (SEL) on Mobile communications for all batches D19A, D19B and D19C on topic 'Radiation hazards and remedies' by Prof. Vikas Singh from NESA on 20 August 2016.
SEL of Wireless Networks for all batches D19A, D19B and D19C of topic 'DCS Wireless Technology and Certification" by Prof. Sudhanshu Ojha from D-Link Academy on 07 February 2017.

Internships:
45 students attended Internship programs in various industries like BARC, Air India, Tata Power Co. Ltd., Reliance Jio, ONGC, Western Railways, Nelco Ltd. etc.

Achievements/ Scholarships:

Shresthta Award
On 15 October 2016, Tarleen Dand of EXTC D19C was awarded the Shresthta Award for conquering adversities while excelling in various domains and continued to maintain academic grades.

Other news
City college students give rural healthcare a push (DNA NEWS PAPER)
Four final year students Ashni Damaria, Laveena Dulani, Preksha Goyal and Rahul Goswami have developed a prototype, The remote patient health monitoring system, that will help doctors monitor rural patients vital signs to facilitate better diagnosis, under the guidance of their professor Dr. Nadir Charniya.

Ph.D Project
The SRF Prof. 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.

The UG Project
- EXTC final year students, from D19B, viz. Ramanathan Choodamani, Shivesh Hiranandani, Shubham Koyande, and Ketan Vaidya guided by Prof. Ashwini Sawant, successfully presented project titled 'Road Divider Based Power Generation and Street Light Illumination' which won the 2nd po-

sition 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.

- Prof. Kiran Parte, three students from D14 (EXTC) namely Piyush, Ajit, and Kedar and Nishit from D7 (CMPN) received second prize and Award at National Level Project competition at SAINTGITS College of Engineering, Kottayam Kerala, on 14 February 2017.

Other activities

Placement activities

- 116 students of 2013 -17 batch have got placement offers from various companies like Accenture, CapGemini, L&TIT L, L&T core and NESIT.
- A Finishing school on Digital Electronics and VLSI design was conducted for Final year students (2013-17 batch) by Prof. Mrugendra Vasmatkar and Prof. Manisha Joshi, organised by the Placement cell of EXTC department, Get Ready For Industries (GRIN) on 16 July 2016.
- Placement cell of EXTC department, Get Ready For Industries (GRIN) conducted a Finishing school for third year students (2014-18 batch) on Electronics Circuits on 20 August 2016. This Finishing school was conducted by Prof. Rasika Naik, Prof. Anuradha Jadiya, Prof. Pradeep Yadav and Prof. Sneha Lonkar.
- A Mock Aptitude Test (MAT) on Quantitative Techniques was conducted for third year students (2014-18 batch).

Student Publications

International Conference on Recent Innovative Trends in Computer Science and Applications (ICRITCSA) 2016 at M.S. Ramaiah Institute of Technology, Bengaluru. International Journal of Advanced Research in Computer and Communication Engineering(IJARCCE). Group members - Piyush Devikar, Ajit Krishnamoorthy, Aditya Bhanage, Mohit Singh Chauhan published a paper on "IoT Based Biometric Attendance System".

Extra curricular activities

Rutuja Mankar from D14B stood second in a Quiz Competition held at K.J Somaiya College of Engineering, Vidyavihar.

Nadar Babitha from D19A secured second position in Football match for West Zone held in Gujarat. He also qualified for All India level in football match which was held in Chennai.

Faculty News

Publications

- Prof. Shoba Krishanan, published a paper titled *"Equalized cluster head election routing protocol for WSN"*, in the International Journal of Advanced Engineering Research and Science (IJAERS),Vol3,Issue6, pp183-188, June 2016, ISSN 2349-6495
- Prof. Shoba Krishanan, published a paper titled *"Noise Reduction in ASR using Kalman Filter"*, in the IC on Innovation in Information, Embedded and Communication systems [IEEE], March 2016, Xplore-CFP1572Z-ART, ISBN-978-1-4673-8208-3.
- Prof. Shoba Krishanan, published a paper titled "*Equalized cluster head election routing protocol for WSN*", in the International Journal of Advanced Engineering Research and Science (IJAERS) ,Vol3,Issue6, pp183-188, June 2016, ISSN 2349-6495.
- Prof. Sarita Kukreja and Prof. Nadir Charniya, published a paper titled "*Smart and Secure Office Intracom Using Wi-Fi*", in the IEEE International Conference on Electronics and Communication Systems, 2016. ISBN:978-1-4673-7832.
- Dr. Saylee Gharge, published a paper titled *"Satellite Neural Network based Facial Expression Recognition*

System", in the Computation and Communication Technologies,De Gruyter, Oct 2016. ISBN (Online) : 9783110450101, DOI : https://doi.org /10.1515/ 9783110450101-010

- Prof. Mrs.Monali Chaudhary, published a paper titled *"Hardware and software implementation of weather Satellite Imaging Earth Station"*, in the International Conference on Advances in computing, communications and informatics(ICACCI), August 2016. ISBE978-1-5090-2030-0
- Dr. Nadir Charnia, published a paper titled *"Recent Trends in Fast and Efficient Large Scale Image Search"*, in the Innovations in Information Embedded and Communication Systems, March 2016. ISBN: 978-1-4673-8208-3
- Dr. Saylee Gharge, published a paper titled *"RF Controlled Digital Wireless Camera"*, in the International Journal of recent and innovation trends in computing and communication vol.4 issue 4, April 2016, ISSN 2321-8169.
- Dr. Saylee Gharge, published a paper titled *"Authentication system using IRIS Recognition"*, in the International Journal of Advanced computer Technology ,Vol.5, no.2, April 2016, ISSN 2319-7900.
- Prof. Monali Chaudhary, published a paper titled *"Pipelined processor for Image Compression through Burrows -Wheelat Transform"*, in the 3rd International Conference on *"Computing for Sustainable Global Development"* INDIACOM16, March 2016. ISSN0973-7529; ISBN978-93-80554-20-5.
- Prof. Monali Chaudhary, published a paper titled "*Satellite Image Acquisition using SDR"*, in the International Journal on *"Innovative Research in Computer and Communication Engineering"*, April 2016. ISSN(online): 2320-9801, ISSN(print): 2320-9798.
- Prof. Shobhit K. Khandare, published a paper titled *"Environment Monitoring On Traffic Islands"*, in the International Journal of Innovative Research in Computer & Communication Engineering, April 2016. ISSN 2320-9801.
- Prof. Shobhit K. Khandare, published a paper titled *"Automated Medicine Dispensing Machine"*, in the International Journal Of Technical Research And Applications, June 2016. ISSN 2320-8163
- Prof. Mr. Shobhit K. Khandare, published a paper titled *"Indoor Communication Through Li-Fi"*, in the International Journal of Innovative Research in Computer & Communication Engineering, March 2016. ISSN 2320-9801.
- Prof. Sanjay Mirchandani, published a paper titled *"Speech & Web Based Appliance Control"*, in the International Journal of Science, Engineering and Technology Research, April 2016. ISSN: 2278 – 7798.
- Prof. Usha.Narayan, published a paper titled "*Smart Ambulance Rescue System*", in the Journal of Technological Research in Engineering (IJTRE) March 2016, ISSN-2347-4718.

Research Projects / Research grant

- Dr. Ramesh Kulkarni got an approval for Research grant by the University of Mumbai for the project titled *"Internet of Things based Energy saving System"*.
- Dr. C.D.Rawat got an approval for Research grant by the University of Mumbai for the project titled *"Speaking Gloves"*.
- Dr. (Mrs.) Ranjan Bala Jain got an approval for Research grant by the University of Mumbai for the project titled *"Video Streaming with Multipath TCP and Enhanced Security"*
- Dr. (Mrs.) Saylee Gharge got an approval for Research grant by the University of Mumbai for the project titled *"Detection of unusual activity in video using unsupervised detection algorithm"*.
- Prof. Rasika Naik got an approval for Research grant by the University of Mumbai for the project titled *"Automatic Detection & Notification of Potholes and Humps on roads to aid drivers"*.
- Prof. Manisha Joshi got an approval for Research grant by the University of Mumbai for the project titled *"Automatic Herbicides, Pesticides Sprayer Agricultural Robot"*.
- Prof. Jyoti Dawkhar Bagate got an approval for Research grant by the University of Mumbai for the project titled *"Portable Heart Attack Detector in early stage"*.

Conference / Seminar attended

Dr. Ranjan Bala Jain and Dr. Saylee Gharge attended a conference on New initiatives in Apprenticeship Training organized by Board of apprenticeship (Western region) Mumbai on 20 October 2016.

Workshop conducted / attended

- Prof. Shoba Krishnan delivered a talk on OBA at Lokmanya Tilak College of Engineering Navi Mumbai on 18 November 2016.
- Dr. Chandan Singh Rawat delivered a talk on "Hybrid Image Compression" on 29 September 2016 for all the faculties, under Research Forum, on behalf of the EXTC Department, VESIT
- Dr. C D Rawat, Dr. Ranjan Bala Jain and Prof. Manisha Chattopadhyay attended one day workshop on ComSol Day on 10 June 2016 organized by ComSol.
- Dr. Ranjan Bala Jain delivered a Talk on Optical Commuincation and Networking on 10 October 2016 at Lokmanya Tilak College of Engineering organized by The Institution of Electronics and Telecommunication Engineers (IETE) LTCOE chapter.
- Dr. Ranjan Bala Jain delivered a talk on Outcome based NBA Process and Attainment at Lokmanya Tilak College of Engineering Navi Mumbai in the Faculty Development Programme on 18 November 2016.
- Dr. Ranjan Bala Jain attended a one day workshop on Assessment, Attainment and Evaluation of POs, PSOs and COs. in MSBTE sponsored FDTP "Outcome Based Education-Innovative Teaching learning Process, Assessment and Evaluation" T VES Polytechnic Mumbai on 3 January 2017.

Other achievements / awards

Patents

Prof. Manisha Joshi has filed a patent, the design application number is 286362 and 28664 for HELMET and SOLAR HELMET in classes 02-03 and 13-99.

Commendation

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.

Other news/ activities

Participation

Dr. (Mrs.) Ranjan Bala Jain worked as Session Chair and Paper review: in International Conference on Emerging Trends in Computing and Communication (ICETCC) 2016 held at Saraswati College of Engineering, Kharghar, Navi Mumbai on 12 January 2017.

Prof. Mrugendra Vasmatkar participated as resource person for short term training program on "Design Aspects in CMOS Analog Circuits, ASIC and MEMS" held from 27 June 2016 to 1 July 2016 organized by Electronics Department, Shah and Anchor Kuttchi Engineering College. Prof. Manisha Joshi participated in the same training program.

Staff Industrial Visit

The department of Electronics & Telecommunication Engineering, VESIT organized a Staff visit to the Police Commissionerate office, Navi Mumbai, Belapur, on 5 January 2017.

The department of Electronics & Telecommunication Engineering along with Instrumentation Engineering Department, VESIT organized a Staff visit to the Rashtriya Chemical Fertilizers Ltd. (RCF), Trombay, on 9 January 2017.

Prof. Shoba Krishnan
Head of Department

FINAL YEAR STUDENTS WITH FACULTY - BATCH OF 2017 (D 19 A & B)

FINAL YEAR STUDENTS WITH FACULTY - BATCH OF 2017 (D19 C)

Department of Information Technology 2016-2017

The IT Department of VESIT has always strived towards the overall development of its students and faculty both. Their achievements can vouch for the department's success in this endeavor. The academic year of 2016-2017 was a huge step towards fulfilling the department's aim of producing quality students in terms of academics and personalities. The participations and victories of students in extra-curricular and co-curricular activities along with their great performance in the university exams have made the department proud. Expert sessions for students and faculties have had fruitful results. The following is a detailed report of the faculty and student achievements of the department for the academic year 2016-2017.

Department Activities:

Student Achievements/ Activities/ Projects
Achievement/Scholarships:

1. "Suman Tulsiani Scholarship" for the needy and underprivileged students was awarded to following students of IT Department
   - Vijay.M.Sahani
   - Vipul .Kithani
   - Simran.D.Bhojwani
   - Aarti.G.Bhagtani
   - Riya.M.Karia
   - Dipshi.D.Shetty
2. "Geeta Israni Foundation Scholarship" was initiated this year to benefit meritorious students who scored grade point of 8.0 and above and whose family income does not exceed Rs. 1.50 lakhs per annum. It was awarded to following students of IT Department.
   - Mayur.G.Lund
   - Suraj.S.Pawar
3. "Vivekananda Education Trust Polytechnic Scholarship" was awarded to following students of IT Department
   - Priya.D.Vidhrani
   - Hema.H.Lulla
   - Nisha.N.Khubchandani
4. Raj Ramchandani and Sumeet Sapla from Third year achieved rank 426 in TCS and Rank 2 in VESIT in TCS Codevita (Global competition) held on August 20, 2016.
5. Rahul Shetty from Third year achieved Rank 371 in Hack rank organized by Hackrank.com as on March 3, 2017.
6. Radhika Raghuwanshi and Vaibhav-Goyal from Third year secured rank 1 in Web-a-thon organized by Techzilla on October 1 and 2, 2016.

Internships:
Anjali Wani from Third year interned at Reliance (SAP Department) from December 21, 2016 to January 21, 2017.

Department Rankers:
The top three Information Technology department rank holders are:

- 1st: Omkar Patil with CGPI 9.32
- 2nd: Shubham Barhate with CGPI 9.25
- 3rd: Varsha Lokwane with CGPI 8.94

Other News/ Activities:

- Radhika Raghuwanshi from Third year reached up to district level in Avishkar organized by Mumbai University on October 17, 2016.

Faculty News:

Workshop conducted/ attended

- STTP on "IT Innovations" was conducted by Department of Information Technology in collaboration with CapGemini and SAP Labs was attended by Staff Members of INFT from January 5 to 11, 2017.
- ISTE Approved STTP on "Big Data Analytics" at M.H. Saboo Siddik College was attended by Prof. Asha Bharambe from November 21 to 25, 2016.
- "Workshop on Technology Convergence and its Practice" at Sardar Patel Institute of Technology was attended by Prof. Asha Bharambe from December 21 to 23, 2016.
- FDP on "New Paradigm in Software Engineering" at Thakur College of Engineering in collaboration with Accenture was attended by Prof. Roopkala Ravindran on December 15, 2016.
- Short Term Training on "Cyber Security Tools & Techniques" at Shah & Anchor College of Engineering was attended by Dr. (Mrs.) Shalu Chopra from December 5 to 10, 2016.
- FDP on "Agile Software Development" at Thakur College of Engineering in collaboration with Accenture was attended by Prof. Amit Singh on December 15, 2016.
- STTP in FRCRCE, Bandra was attended by Prof. Sukanya Roy Chowdhury from June 27 to July 1, 2016.
- Expert Lecture in CGVR by Prof. Manoj Sabnis at Fr. Agnel (Vashi) was attended by third year INFT students on October 22, 2016.
- Prof. Amit Singh attended "TechNext2017" at IIT-B from January 14 to 15, 2017.

Publications

- Prof. Smita Jangale published a paper on *"Cloud-Based Information Security and Privacy in Healthcare"* in International Journal of Computer Applications (IJCA), September 2016. ISBN: 973-93-80894-40-3.
- Prof. Smita Jangale published a paper on *"Information Security and Privacy in Healthcare"* in International Journal of Advanced Engineering Reasearch Applications (IJA-ERA), Volume-2, Issue-9, January-2017. ISSN: 2454-2377.
- Prof. Manoj Sabnis published a paper on *"Shadow Detection Of Static Images by Innovative Thresholding Approach"* in International Conference on Inventive Computation Technologies (ICICT 2016) organized by RVS Technical Campus, Coimbatore, Tamil Nadu, 26 -27 August 2016, IEEE and IRO (Indian research organization),ISBN:978-1-5090-1285-5,DVD ISBN:978-1-5090-1280-1,(PoD) ISBN:978-1-5090-1286-2.
- Dr. Shalu Chopra published a paper on *"Collaborative Trust Based Model for Peer to Peer System"* in IEEE International Conference on Computing, Communication and Automation organized by School of Computing Science Golgotha's April 2016, ISBN: 978-1-5090-1666-2.
- Dr. Shalu Chopra published a paper titled *"Survey on Anonymization Technique for Privacy*

Preserving Data Mining (PPDM)" in International Journal of Innovative Research in Computer and Communication Engineering (An ISO 3297: 2007 Certified Organization) Vol. 4, Issue 11, November 2016 ISSN(Online): 2320-9801 ISSN (Print): 2320-9798.

Dr. Shalu Chopra
Head of Department

FINAL YEAR STUDENTS WITH FACULTY - BATCH OF 2017 (D20)

" It's fine to celebrate success but it is more important to heed the lessons of failure. "

- Bill Gates

Department of Master of Computer Applications 2016-2017

The MCA department of VESIT has always strived towards the overall development of its students and faculty both. Their achievements can vouch for the department's success in this endeavour. The academic year of 2016-2017 was a huge step towards fulfilling the department's aim of producing quality students in terms of academics and personalities. The participations and victories of students in extracurricular and co-curricular activities along with their great performance in the university exams have made the department proud. Expert sessions for students and faculties have had fruitful results. The MCA department also released the very first issue of 'Anantha', the department newsletter. The following is a detailed report of the faculty and student achievements of the department for the academic year 2016-2017.

Department Activities:

Student Achievements/ Activities/ Projects

Summer programs

- Two days workshop on "FOSS Technologies(LINUX) & Python" was conducted from 11 July 2016 to 12 July 2016 at VESIT for MCA students.
- Four days workshop on "Data Analytics using R Programming" was conducted from 11 July 2016 to 14 July 2016 at VESIT for MCA students.

Seminars/Workshops

- A workshop on "Internet Of Things- IOT" was conducted on 22 August 2016 at VESIT and was attended by MCA students.
- A workshop on "Civil Service Orientation" was conducted on 19 October 2016 at VESIT and was attended by MCA students.

Research Experience:

- Sanchita Patil from MCA 3rd Year published research paper on "Big Data Analytics using R" in International Research Journal of Engineering and Technology(IRJET), Volume 3, Issue 7, July 2016, pp.78-81, eISSN:2395-0056.
- Pratik Mahale from MCA 3rd Year published research paper titled "Android-based Augmented Reality to Enhance Education System" in International Journal of Computer Applications (0975 – 8887) Volume 146 – No.6, July 2016, pp.18-21, ISBN: 973-93-80893-82-6.
- Aniket More from MCA 3rd Year published research Paper on the Topic "Attaining True Agility Through Continuous Integration" in International Journal of Current Trends in Engineering & Research (IJCTER),e-ISSN 2455–1392, Volume 2 Issue 6, June 2016 pp. 483 – 488.

Achievements / Scholarships:

- Amit Vora and Shubham Mahajan from MCA 2nd Year won the C-Link Coding Competition in PRAXIS 2016.
- Suman Tulsiani scholarship for the needy and underprivileged students was received by following students of MCA Department
    1. Shubham Basavraj Kamalapure
    2. Sanket Sitaram Patil

3. Ashutosh Vinod Deshmukh
4. Reena Dambaru Epili
5. Nair Ajay Krishnankutty
6. Sunil Kabiraj Sahu
7. Yatin Kapur

- "Geeta Israni Foundation Scholarship" was initiated this year. The scholarship benefits meritorious students who scored grade point of 8.0 and above and whose family income does not exceed Rs. 1.50 lakhs per annum.It was received by following students of MCA –
  1. Sagar Panjwani
  2. Supriya Babaji Tambe
  3. Nilima Vishnu Pawar

Department Rankers:

The Rankers for Department of MCA for the year 2015-2016 are:

1st: Neha Kumari
2nd: Mamta Shettigar
3rd: Chetna Rizwani

Other news/ activities

- Inter-Collegiate Research Convention Avishkar 2016-17 organized by University of Mumbai to develop research culture and scientific temper among the students from undergraduate to doctoral level of the different universities in the State of Maharashtra.
- Neha Menon, Dhanashri Phatak and Venkatesh Vaasudhevan from MCA 2nd Year received participation certificate for project titled "On The Spot- An Android Application for Location based Utilities", University FINAL ROUND - Category:5 and Level:PG held on 22 October 2016 at A.C.PATIL College of Engineering, Nerul, Navi Mumbai.
- Siddhanth J Kotian, Devesh Manjhrekar and Sunit P. Kaiarekar from MCA 2nd Year received participation certificate for project titled "NFC ATTENDANCE", District Level ROUND Category:5 and Level:PG held on 19 October 2016 at RAIT College of Engineering, Nerul, Navi Mumbai.
- Pratik Mahale from MCA 3rd Year received participation certificate for project titled "Android Based Augmented Reality to Enhance Education System", District Level ROUND Category:5 and Level:PG held on 19 October 2016 at RAIT College of Engineering, Nerul, Navi Mumbai.
- "Online Training on Internet of Things" by VTC Internshala was completed by Venkatesh Vaasudhevan, Neha Menon, Dhanashri Phatak from 15 December 2016 to 14 January 2017 .

Faculty News

Publications

- A research paper on *"Applications of Neural Networks in Stock Market Prediction--An Approach Based Analysis"* was published by Prof. Shiv Kumar Goel in International Research Journal of Engineering and Technology (IRJET) e-ISSN: 2395 -0056 ,Page(s): 2192 – 2197,Volume: 03 Issue: 5 June-2016,
- A research paper on *"Comparing overlapping variables of requirement gathering techniques in RE,SE and UE"* was published by Prof. Mona Deshmukh in International Journal on Recent and Innovation Trends in Computing and Communication" ISSN: 2321-8169 Volume: 3 Issue: 6,2.
- An application paper on the topic *"Applications of Internet of Things (IoT) in Sports World"* was published by Prof. Dhanamma Jagli and Sachin Menon (student MCA Sem V)in International Journal of Advance Research in Computer Science and Management Studies,/Volume 4, Issue 6 on June 2016, Page no:179-182 ISSN: 2321-7782 (Online)

- A paper on *"Internet of Medical Things [IoMT]"* was published by Prof. Dhanamma Jagli in student association with Rohit Suvarna, Sushant Kawatkar at International Journal of Advance Research in Computer Science and Management Studies,/Volume 4, Issue 6, on June 2016 at Page no:173-178, ISSN: 2321-7782 (Online)
- A paper on *"Data Security in the Cloud"* was published by Prof. Dhanamma Jagli in student association with Jiten Prithiani in International Journal of Advanced Computer Technology (IJACT), June 2016 , Volume 5, Number 3, June 2016 ISSN:2319-7900
- A survey paper on the topic *"Survey Surfer: A Web-Based Data Gathering and Analysis Application"* was published by Prof. Dhanamma Jagli along with MCA Sem V students Ms. Krutika Tawde, Mrs. Pratima Musale, Ms. Swathi Muthukumar in Advanced Computational Intelligence: An International Journal (ACII), Vol.3, No.3 on July 2016 at Page Nos.9-15, DOI:10.5121/acii.2016.3302 ISSN: 2454-3934 (Online)
- A research paper on *"Recomendation Technique for Multi-Vendor Ecommerce Website for Selling IT "* was published by Prof. Indira Bhattacharya in International Journal of Science and Research, Volume-5, Issue-7, ISSN:23197064;
- A research Paper on the Topic *"Analytics For Content Based Sites – A Comparative Study"* was published by Prof. Meenakshi Garg in International Journal of Science, Engineering and Technology Research on June 2016 with ISSN: 2278 – 7798 in Volume 5, Issue 6
- A research Paper on the Topic *"Android-based Augmented Reality to Enhance Education System"* was published by Prof. Shireesha Yeddu in student association with Pratik Mahale (student MCA sem V) in International Journal of Computer Applications (0975 – 8887) Volume 146 – No.6 on July 2016, pp.18-21. ISBN: 973-93-80893-82-6
- A Research Paper on the Topic *"Attaining True Agility Through Continuous Integration "* was published by Prof. Vaishali Gatty in student association with Aniket More (student MCA Sem V) in International Journal of Current Trends in Engineering & Research (IJCTER) in June 2016 with e-ISSN 2455–1392, Volume 2 Issue 6, pp. 483 – 488 .

Conference / Seminar attended

- Prof. Dhanamma Jagli attended an *"International Conference on Innovations in Computer Science & Engineering (ICICSE-2016)"*, on 22 - 23 July-2016. She also presented a paper on the topic "SaaS Cloud-Qual: A Quality Model for Evaluating Software as a Service on the Cloud Computing Environment" in the conference.
- Prof. Dashrath Mane attended a conference on *"New initiatives in Apprenticeship Training"* on 20 October 2016 at Mumbai, which was organized by Board of apprenticeship (Western region) Mumbai.
- Prof. Dhanamma Jagli attended an International Conference on *"ICT in Business Industry and Government"* at Indore on 18 and 19 November , 2016. She also presented a paper on the topic *"Implementation of K-Means Clustering for Evaluating SaaS on the Cloud computing Environment"* in the conference
- An *"International conference on International Conference on* "ICT in Business Industry and Government" was attended by Mr Sunny Nahar on 18 and 19 November 2016 at Indore, He also presented his research paper on the topic *"NFC and NFC payment : A Review"*, in the conference
- Prof. Dhanamma Jagli attended a UGC sponsored national conference on *"Confluence of Emerging Trends in Multidisciplinary Research Areas to Mathematics"* (CETMRAM – 2016) On 19-20, December 2016 which was in Association with IAIAM, IDOL, University of Mumbai. She also presented her research paper on the topic "Implementation of EM Clustering for Evaluating SaaS in the cloud computing Environment" in the conference.

Workshop conducted / attended

- ISTE Approved FDP on "Research Advances in Internet Of Things" from 21 - 25 June 2016. at Ramrao

Adik Institute of Technology was attended by Prof. Meenakshi Garg, Prof. Shireesha Yeddu and Prof. Vaishali Gatty.

- "Workshop on Analytics" (online) by Analytics Vidhya was attended by Prof. Sangeeta Oswal on 25 June 2016.
- A faculty development program "Arohan" was conducted at VESIT from 4 to 9 July 2016. Prof. Rohini Temkar and Prof. Indira Bhattacharya were in organizing committee of Arohan.
- "Arohan" a faculty development program conducted at VESIT from 4 to 9 July 2016 was attended by Prof. Mona Deshmukh , Prof. Rohini Temkar, Prof. Indira Bhattacharya, Prof. Geocy Shejy, and Prof. Meenakshi Garg .
- A workshop for Students on "Data Analytics using R Programming" was co-ordinated by Prof. Geocey Shejy and Prof. Vaishali Gatty on 11 to 14 July 2016
- A workshop for Students on "FOSS Technologies(LINUX) & Python" organized by Delflip was co-ordinated by Prof. Geocey Shejy and Prof. Vaishali Gatty on 11 and 12 July 2016.
- "Online IoT Training" by Axelta Wafrom was attended by Prof. Rohini Temkar from 9 July to 2 August 2016.
- A FDP on "IPR and Patenting" conducted by Dr. Krishna Lala IIT Bombay in VESIT was attended by Mr Shiv Kumar Goel on 22 July 2016.
- "IoT Symposium" held in Sardar Patel Institute of Technology from 3 August - 4 August 2016 was attended by Prof. Rohini Temkar.
- A workshop on "Digitization of Placement Process" was attended by Prof. Dhanamma Jagli at Mukesh Patel College of Engineering, Vile Parle on 10 August 2016.
- "Big Data Analytics and cyber security" a CSI IT 2020 conference was attended by Prof. Nishi Tiku and Mrs Sangeeta Oswal on 4 - 5 October 2016.
- A workshop on "Writing Research Proposal" was attended by Prof. Geocy Shejy at Sardar Patel Institute of Technology, Andheri from 7 November 2016 to 11 November 2016.
- A faculty development program on "IT Innovations" from 5 January 2017 to 11 January- 2017 at VESIT was attended by Prof. Nishi Tiku, Prof. Shiv Kumar Goel, Prof. Rohini Temkar, Prof. Sangeeta Oswal, Prof. Ramesh Solanki, Prof. Ameya Parkar, Prof. Ruchi Rautela, Prof. Indira Bhattacharya, Prof. Sunny Nahar, Prof. Meenakshi Garg, and Prof. Archana C.
- A Workshop on "Qualitative & Quantitative analysis and Thesis Writting" from 6 - 7 January 2017 at SIMS in collabration with University Of Mumbai was attended by Prof. Dashrath Mane.

Other achievements / awards

- A session on "Mendely Presentation" was conducted by Prof. Dhanamma Jagli under VESIT Research Forum on 31 August 2016 and was attended by Prof. Nishi Tiku, Prof. Rohini Temkar, Prof. Geocey Shejy, Prof. Meenakshi G, Prof. Vaishali Gatty, Prof. Shireesha Yeddu and Prof. Archana C .
- An Online certification course on "IP addressing and Subnetting" was completed by Prof. Archana C on 9 November 2016 at Udemy.
- An Online certification course by DeVry University on "Maintaining Cyber Security" was completed by Prof. Archana C on 12 Nov 2016.
- An Online certification course on the topic " Introduction to Cloud Computing" was successfully completed by Prof. Archana C on Udemy on 21 November 2016.
- Certification course on "Internet Of Things(IoT) " was completed by Prof. Archana C on Udemy on 23 November 2016.

Other news/ activities:

- A research paper in "IEEE Transactions on Big Data" was reviewed by Prof. Indira Bhattacharya in June 2016

- An Industry Institute Interaction Program on "Information Security in JP Morgan Chase and Company" was attended by Prof. Shiv Kumar Goel on 18 July 2016.
- Prof. Shiv Kumar Goel, Prof. Dashrath Mane, Prof. Sunny Nahar and Prof. Meenakshi Garg , Prof. Ameya Parkar were Convenor/Member of MCA Syllabus Revision Committee of Mumbai University Choice Based Grading system in July 2016
- Phd Course work was successfully completed by Prof. Dashrath Mane and Prof. Rohini Temkar.
- A LBS project tilted "VESIT Wallet Class" was guided by Prof. Shireesha Yeddu for Department of Information Technology.
- Prof. Meenakshi Garg completed "Ground and Aerial training" and performed a Tandem Skydive in accordance with safety regulations of the United States Parachute Association and Thai sky adventures at Thailand on 1 December 2016.
- "University Relation day" organised by JP Morgan Chase & Co.on 3 February 2017 at their Mumbai Office was attended by Prof. Dashrath Mane.

Prof. Nishi Tiku
Head of Department

FINAL YEAR STUDENTS WITH FACULTY - BATCH OF 2017 (MCA I & II)

Department of Humanities and Applied Sciences 2016-2017

The Department of Humanities and Applied Sciences plays an instrumental role in the life of students aspiring to be engineers. This department nurtures the first year students and gradually they are initiated and introduced to the basic requirements of an engineer. The department equips them with both, scholastic knowledge and practical experience. It is this integration that makes engineering critical to successful industrial innovation. The department has also introduced the Awakening The Scientist Program, where the students integrate scientific principles with practically oriented research, which in turn, create ways of acquiring new knowledge in themselves.

Departmental Activities:

Students Activity:

Awakening The Scientist

Awakening the Scientist is an opportunity given to the First year students take the first step in transformation of a student to a professional. This competition was conducted from 18 January to 31 January 2017.

Prize Winners in ATS competition

GROUP MEMBERS	TOPIC		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

Staff Activities:

The staff activities for the H&AS department are as follows:

Achievements

- Best Paper Award: Prof.. Barnali Saha, Assistant Professor, Applied Mathematics received the "Best Paper Award" at the 6th International Conference on "*Recent Innovations in Science, Engineering and Management"*, International Conference on Recent Innovations in Science, Engineering and Management (ICRISEM-16) held at IIMT College of Engineering, Greater Noida, India on 20 August, 2016. (ISBN::978-93-86171-03-0).
- 2nd Prize in Poster presentation: Dr. Maya Bhat, Dr. Keya Doshi and Prof. Vijay Shejwalkar won 2nd prize in NAAC sponsored National conference on Academic and administration Audit organized by Internal quality Assurance Cell (IQAC) (13 January to January 2017) at K.J. Somaiya college of science and commerce.

Invited Talk

Dr. Maya Bhat, Assistant Professor , Applied Chemistry has delivered a talk on POGIL(Process Oriented Guided Inquiry Learning) at Bharti Vidyapeeth College of , Navi Mumbai on 3 August, 2016.

Conference and Workshops

- Dr. Shashwati Roy Mujumder, Dr. Maya Bhat and Dr. Keya Doshi attended two day Teaching-Learning Workshop, organized by Institute of Chemical Technology, Matunga, Mumbai on 23 September and 24 September, 2016.
- Dr. Maya Bhat and Dr. Sunanda Manoj attended the Orientation Program on revised syllabus (2016-17) of Applied Chemistry -I &II, organized by Bharti Vidyapeeth College of Engineering, Navi Mumbai on 3 August 2016
- Dr. Manisha Tiwary and Prof. Prafulla Tele attended the Orientation Program on revised syllabus (2016-17) of Applied Physics-I &II, organized by Don-Bosco Institute of Technology, Kurla, Mumbai on 27 July ,2016
- Dr. Keya Doshi, Prof. Mamata Jain and Prof Soniya Hemnani attended the Orientation Program on revised syllabus (2016-17) of Applied Mathematics -I &II, organized by Saraswati College of Engineering, Navi Mumbai on 2 August ,2016.
- Prof. Ravi Shankar attended a six day Workshop on Statistical Method and R Programming at ICT, Matunga, Mumbai jointly organised by Agricultural and Ecological Research Unit Indian Statistical Institute Kolkata and Department of Mathematics ICT between 10 February to 15 February 2016.
- Prof. Ravi Shankar attended a two-day National Seminar on Computational and Mathematical Biology organised by Department of Mathematics ICT, Matunga, Mumbai from 10 September to 11 September

2016.

- Prof. Ravi Shankar attended a three day Workshop on R with Application to Quantitative Finance organised by Department of Mathematics BITS, GOA from 26 August to 28 August 2016.
- Prof. Ramya Tirumalasetti delivered lectures and provided hands on experience to the students of Instrumentation Engineering and Electronics Engineering. on Pneumatic actuators at the AIA workshop which was held from 11 July to 18 July 2016
- Prof. Vijay Shejwalkar delivered lectures and provided hands on experience to the students of Instrumentation Engineering and Electronics Engineering. on Pneumatic actuators at the AIA workshop which was held from 11 July to 18 July 2016.
- Prof. Vrinda Khadilkar & Prof. Maya Bhat were part of the the syllabus framing committee for Applied Chemistry & they attended Syllabus framing committee meeting organized in A C Patil college of Engineering on 25 July 2016.
- Prof. Geeta Ajit attended the symposium organized by Sahitya Academic and The Department of English, University of Mumbai on the topic, "*The Parsi contribution to Indian Literature*" on 20 September 2016
- Prof. Geeta Ajit attended the Orientation Programme for Communication Skills on the revised syllabus, organized by K. J. Somaiya Institute of Engineering & Information Technology, Sion, Mumbai-22 on Monday, January 09, 2017.
- Prof. Geeta Ajit conducted a workshop on " *How to prepare for an Interview*" at Dr. Bhanuben Mahendra Nanavati College of Home Science' on 20 February 2017.
- Prof. Vivek Umrikar was part of the syllabus framing committee for Engineering Drawing for the new curriculum implemented from 2016 – 17.

Other Activities:

- Prof. Geeta Ajit served as a judge for the English Elocution Competition held by Gandhi Smarak Nidhi in association with Mani Bhavan Gandhi Sangrahalaya on 26 July 2016.
- Prof. Geeta Ajit served as a judge for the Fourth Intercollegiate Debate Competition held at Sardar Patel College of Engineering, Mumbai on 6 October 2016.

Prof. Vrinda Khadilkar
Head of Department

DEPARTMENT OF HUMANITIES & APPLIED SCIENCES - 2017

Looking Beyond Syllabus (LBS)

Looking beyond syllabus was launched on 2011 with an aim of exposing students to emerging technologies and giving them opportunities to work as teams on various projects under the mentorship of faculty members assigned to them.

The main objective of LBS is to infuse in prospective technocrats, the ability to apply basic science and experimentation skills to understand problems in the industry and humanity at large. It also aims to enable them to develop practical solutions by establishing themselves as wholesome individuals in the field of technology. Preparing students to use these skills for higher education and acquisition of knowledge and also to maintain a lifelong career in related area is one of the objectives.

Initially students submitted their SOP's to be a part of LBS scheme in group of two, three or four at the beginning of odd semester. Till the academic year 2013-14 all groups were allowed to proceed under LBS. In academic year 2014-15, only three groups per class were selected under LBS. In academic year 2015-16, Expert committee selected only best projects for LBS. Mentors of specific area are allotted to selected groups. At the end of odd semester students need to submit a progress report. At the end of even semester completed projects need to be presented. Three winners are selected by two experts (one from industry) from both software and hardware groups. Winner groups are honored with certificates and others with participant certificates.

The number of SOPs submitted for the academic year 2015-16 were 139 which was much greater than previous years' participation. Out of these only 21 projects were selected keeping in mind the feasibility and usability of the topic. The LBS event for the academic year 2015-16 took place on 16th March 2016. For the finals, 20 groups were able to complete their project on time, ready for presentation.

Faculty Name	Department	Position
Mrs. Monali Chaudhari	EXTC	In-charge
Mrs. Kadambari Sharma	INST	Co-ordinator
Mrs. Gauri Sahoo	ETRX	
Mrs. Priya R.L	CMPN	
Mrs. Anuradha J.	EXTC	
Mrs. Asma Siddavatam	INFT	
Mrs. Monali Rajput	MCA	

Winners of "Looking Beyond Syllabus (LBS) Scheme"

Academic Year 2015-16

Hardware Group

Name of the student	Title of the project	Name of the Mentor	Rank
1.Sanket Agarwal 2. Vanktesh muddaliar 3. Vivek khithani 4.Harihar panjabi 5.Jaikishan poptani	Smart farming using IOT	Dr. Nadir Charniya Mr. Mrugendra V	1st Rank
1. Bhavesh S. 2. Ketan Vaidya . 3. Shubham Koyande.	Li-Fi based indoor positioning	Mrs.Anjali Yeole	1st Rank
1.Tamanna ravi Rupani 2.Shreelaxmi Ramesh kulkarni	Pipeline and drainage maintenance robot	Mr. Prashant Kanade	2nd Rank

Software Group

Name of the student	Title of the project	Name of the Mentor	Rank
1. Monish Narwani 2.Sanjay Lulla 3.Sagar Palao 4.Manish Manghwani	Location Tracking System	Mrs. Ashwini Sawant	1st Rank
1 Madhuri Gangwani 2.Roshni Punjabi 3. Taruna Chanchlani 4.Shweta Madnani	Profile Changer through SMS	Mr. Sunny Nahar Mr. Ajinkya Walanjoo	2nd Rank

VESITians win the Hackathon

"Learning is the only thing the mind never exhausts, never fears and never regrets" - **Leonardo Da Vinci.**

A chance to learn is a chance to grow. Hackathons gives us the opportunity to learn and hone your skills. The beauty is that it is not just restricted to coding skills which being of paramount importance, it is also about how you work in a team, hack the ideas and finally present a solution useful for society.

'<I-Hack>' was a Hackathon organised by IIT-Bombay as a part of the Entrepreneurship Summit from 27-29 January, 2017. The event was sponsored by Facebook, Cimpress, Texas Instruments and other companies. The Hackathon had two domains, a hardware and a software. We participated in the software domain. The software domain had two areas where you could work on, 'The Surreal Sprint' and the 'Impress with Cimpress'. We participated in the Cimpress category. The first phase was the submission of ideas for evaluation. Our idea was to deploy a bot on Facebook messenger which helps customers to get customized products like getting personalized content on T-shirts, mugs etc. The results of this phase came out on 25 and we were invited on 27 January to IIT for the competition.

Harsh Gupta and Nirbhay Pherwani at IIT-B hackathon

The event started at 7 p.m. with an inauguration ceremony with a speech by Ramesh Raskar, Associate Professor at MIT Media Lab and founder of Redx.io. Then we headed to our respective rooms where we were given a brief introduction of the product that was finally expected. The coding started at 10 p.m. and continued till 10 a.m. on 29 January (36 hours). We worked hard on our solution and were ready with our solution at the end.

Our Solution : We deployed a bot on Facebook messenger which allowed users to change the content they want to print on any product like mugs, shirts, etc., upload images, edit the images, add filters, texts and whole lot of cool things. While uploading, we processed the images to detect the content of the images and provide some cool inputs. For instance, if someone uploads the image of a Google logo, our system will detect it automatically and say something like 'Wow, you work at Google'. Or if someone uploads image which signifies success, we suggest some quotes that the user can get printed on the final product. Finally, to place the order, just share the location. There is no need to give personal information to place an order; we get it directly from the Facebook profile which is just confirmed. You can track the order with just typing 'track'. So, everything can be done of the FB messenger itself.

All the groups had to give a presentation which started by 11 a.m. and ended at 5 p.m. Then we were taken to the Convocation Hall where the results were declared. We were declared the winners in the 'Impress with Cimpress category' and presented with a trophy. The prize money was 1 lakh rupees.

It was a great learning experience which we will cherish for the rest of our lives.

-Harsh Gupta and Nirbhay Pherwani

Tinkerers' Lab : Students' Secret to Creativity

"It's not about ideas. It's about making ideas happen." - Scott Belsky

The Tinkerer's Lab at VESIT was started with an aim to bring together students who wanted to learn and students who wanted to teach. It also aimed to use the available resources in the college optimally and to eliminate the hassle of starting a project from the scratch and working on redundant tasks. It is currently operational in three departments viz. Department of Electronics, Department of Electronics and Telecommunication and Department of Instrumentation.

Department of Electronics:

The Tinkerer's lab at the Electronics Department is in the E-Yantra lab (201) and the faculty in-charge is Prof. Abhay Kshirsagar and Prof. Abhishek Chaudhri. The department also has various students in-charge in succession.

There are various valuable resources in the E-Yantra lab of which the students are unaware of. If these resources are used to their full capacity, the cost incurred by the students while making any project will be reduced considerably. The Tinkerer's lab associated members of the department decided to bring these resources to the notice of the students and also teach them how to use the same. The first robot that they built was 'The Pooja Robot'. It was a zero cost robot and was appreciated by not only the faculty and the students but also the Principal and the alumni of VESIT. The huge success of the robot helped in propagating their message viz. the institute has the resources: you need to find the time to seek these out.

The first large scale event that was organized by the Tinkerer's lab at the Electronics Department was the Line Follower Robot Workshop. It was held on the 22nd and 23rd of March, 2016. They taught the participants the basics of Robotics and the various parameters involved. The batch was limited, so that the students could be given individual attention. The interaction with students highlighted the requirement to make a robot, which was resourced from the e-waste of various labs. They also reused parts from the previous years' projects. Thus the e-waste was drastically reduced.

The next event organized was the workshop on "Arduino and Basic Embedded Systems" that is in trend now. The primary aim was to teach the students to interface any sensor with the microcontroller. The workshop conductors shared all the documents to facilitate easy understanding. The workshop was a huge success.

According to Rohit Kashyap, one of the student in-charges just knowing about robots and learning about them is not enough. To ensure that the students have enough practice, they were given a list of projects they were to complete. They also have a mentorship program where students with experience will guide amateurs under their guidance with their projects. Rohit said," The faculty is really supportive of this endeavour. We want to help out students who want to participate in various Robotics Fests by giving practice in making robots. We want to create a trend, a DIY world. We want to create creators."

Department of Instrumentation:

Prof. N. Gopalkrishnan is the faculty-in-charge of Tinkerer's lab at the Department of Instrumentation. It was first setup in the year 2014-2015 in Lab. No. 107. The Lab was kept open after college hours, so that students could experiment and 'tinker' with new ideas in the lab. The students had access to all the measuring equipment, including some hardware and sensors. Students from all years, that is, from first year to final year, were encouraged to work together. This increased the technical interaction between seniors and juniors, and the juniors found immense help in refining or coming up with newer ideas. It can be proudly said that some of the notable projects were a result of these numerous ideas and tinkering done by the students in the lab, which has also won laurels for our institute.

Avinash Somnathan and his team started the Digital Stethoscope as part of their mini project. Later they refined it using the lab facilities throughout the year and eventually came up with a project where he and his team won the first prize in IEEE-IEEMA conference, "Smart Innovators" 2015.

Vigneshwara Lingam and team worked on the IOT for agriculture and were able to convert their idea into a final year project. For this, they won the Best Project in State level project competition held at VishwaKarma Institute of Technology in Pune.

Sanket Karnik, Aishwarya K. and Vignesh R, a team comprising of second and third year students, were able to make Thermocouple Data Acquisition system based on Lab view. This setup is now used as part of lab in the Instrumentation curriculum.

Department of Electronics and Telecommunication

Tinkerer's lab at the Department of Electronics and Telecommunication intends to conduct technical talks, technical paper presentations, project competitions, project exhibitions for students. To conduct hands on activities for the students on electronics, microcontroller programming with all the resources available in the institute and create a motivated workforce for future endeavours and to explore the resources and facilities available in the institute.

The faculty in-charges for the department are Prof. Sanjay Mirchandani and Prof. Chintan Jethva. The department also has twelve student in-charges. The main objective of Tinkerer's lab in this department is to create a platform to aid the enhancement of technical skills in students and to create an environment where work, desire and interest go hand in hand leading into a comprehensive learning system.
The inauguration of Tinkerer's Lab at EXTC was done on 22nd March 2016 at 1:00 pm in lab 410 by Prof. Shoba Krishnan, HOD of the Department. It was followed by a project exhibition where the second year EXTC students displayed their projects. The exhibition proved to be a testament to the students' imagination and willingness to innovate constantly.

A two-day activity was organised, which focussed primarily on programming the Arduino Uno board to perform various functions where the teams constructed the circuits and programmed the board. The activity was supported by Saurabh Jadhav and Kiran Parte, third year studens of EXTC Dept. The Tinkerer's Lab team was at hand to solve any doubts or problems faced by participants. This activity was originally scheduled for two days, i.e. on 30 and 31 August 2016, but was later extended by one more day due to the participants' enthusiasm and desire to learn. A total of 25 teams registered for the activity. Each team consisted of two members. Participants were given an option to buy takeaway kits. Teams that opted not to buy the kit were provided Arduino boards and other components by pooling the resources of college and Tinkerer's members. Tinkerers Lab aims at building a platform to get together many 'Tinkerer's', which means people who enjoy working on innovative ideas. It thrives to create a forum wherein enthusiasts could foray deeper into the aspects of electronics and technology and be effective engineers.

VESIT enters the Platinum club

VESIT placed in Platinum Category

Dr. J. M. Nair receiving the Platinum award

All India Council of Technical Education (AICTE) in association with Confederation of Indian Industries (CII) conducted an Industry-linked technical institute survey during 4th May 2016 to 31st August 2016 and the result of the survey was declared in the recently concluded UK-India tech summit.

Out of the total 12610 eligible institutes in the category of Architecture, Pharmacy, Management and Engineering, 890 institutions successfully submitted the application for the survey. These institutions were then placed in three categories viz. Platinum, Gold and Silver according to the scores acquired by them. It is a proud moment for all us with VESIT bagging the platinum category.

VESIT the Most Promising Engineering College

Vivekanand Education Society's Institute of Technology(VESIT) won the "Most Promising Engineering College with Excellent Faculty in Maharashtra" award at the 7th Asia Education Summit and Awards, 2017 by Worldwide Achievers.

Vice Principal Dr. M. Vijayalakshmi and Dr. R. K. Kulkarni receiving the award.

The company organized the exclusive event in association with India Today Television as Media Partners and Achievers India(Magazine) as Print Media Partners. The event took place on 9 March, 2017 at Hotel Hyatt Regency, New Delhi.

"The Award recognizes the professional contributions and academic achievement of an individual/organization in the area of education. The Awards will focus on the education sector and the challenges and opportunities in this field: Key thematic areas will include higher education, school education, vocational and skill training and open and distance learning," read the Summit's website.

The award was received by Vice Principal Dr. M Vijayalaxmi and Dr. R K Kulkarni on behalf of the college.

Bhoomi Poojan for VESIT building extension

The Bhoomi Poojan ceremony for the Extension Building of VESIT was held at 10:00 a.m. on 6 March, 2017. The auspicious event was held to begin the extension wings of VESIT building on both sides.

Bhoomi Poojan for VESIT Extension Building on 6 March, 2017

Praxis - More than just a Technical Fest

The activities that culminated in a grand two day techno-fest event in the campus that enthralled a crowd including students, academia, corporates and the general public is surely worth mentioning.

22nd and 23rd September will be etched in the memories of all the participants of VESIT's Annual Techfest Praxis'16 for, the college was proud flaunting its innovation and managerial endowment. The axiom, Praxis, 'bringing theory to practice' was illustrated in true sense as the 'Imagineering' themed techfest witnessed the confluence of intellect and enthusiasm. With the help of our theme,'Imagineering', we threw light on the most trending topics 'Make in India' and 'Digital India'. Imagineering is an amalgamation of the concepts of 'imagination' and 'engineering'. If you can imagine something, don't stop until you engineer it. Walt Disney, the pioneer of this concept, has instilled this idea in us.

Praxis '16

Like every year, the different portfolios worked meticulously to make Praxis'16 a grand affair. Apart from managing the on-day events, various portfolios also organized on day games. The various events conducted during and leading up to these two days are as follows:-

1. Pre-Praxis Events:

Even before the fest began, the various portfolios conducted a multitude of pre-Praxis events such as online contests, workshops and games in order to arouse the interest among the students. Needless to say, the various pre-Praxis events such as Online Treasure Hunt, Photoshop Competition, Praxis Fantasy League and many more set the ball rolling towards making Praxis'16 a grand event.

a.Pre-Praxis Mela: We organized an actual mela with many carnival events that offered discount coupons to all the participants. This was a massive hit among all!

b.Tell-A-Tale: Here, you have to make a short video with a still camera using minimal props like paper clippings and small toys, drawn/printed backgrounds and an accompanying soundtrack with no human actors, dialogues or narration allowed.

c.Contraption: Use your skill and ingenuity to create a Rube-Goldberg Machine, a machine that performs a simple task (for e.g, turning on a switch) by a series of chain reactions.

d.Techxpert: Become the Marques Brownlee of VESIT and share your honest review of some of the best gadgets in the business.

e.Story Teller: The contestant has to prepare a story using any one character from the following genres each; Hollywood movie, Bollywood movie, TV series and Cartoon.

f.Praxis Fantasy League: This is a pre-praxis event in which, knowing how Praxis works, is the key to success. Here the events of praxis are like fantasy football players whom you can purchase. The value of a player(event) depends on the number of registrations for that event and the amount of money generated by that event relative to Praxis '16.

g.Film It: Make a short film- Direct, shoot, produce, act inyour own short film, creating a story to be cherished.

h. Photoshop Contest: Choose from a set of different images to make a whole new fun image.

2. Electronics

A] Circuit Work it: The team which completes the given task efficiently with minimum components will be declared as winner.

B] Live Wire: In this event, every team has to complete the unfinished circuit given to them with the minimum use of other components.

3. Software

A] C Link: A C programming competition where the contestant compete to come up with the most optimal code.The team that designs the best working algorithm,which is the

most efficient and has no bugs, is the winner.

B] Cross Connect: The event tests your networking knowledge, from setting up basic LAN setup to carrying out tasks based on resource sharing.

C] Weave the Web: Design a website spontaneously. Given the theme on the spot and a limited number of resources and only a predetermined number of softwares, set your website designing skills right to be the fastest one and grab the prize.

D] Handicoding: The participant has to code a problem statement with a black screen. Winner of the game will be the person who creates the longest code.

4. LAN Gaming:

The LAN portfolio successfully increased the participation by introducing latest games such as Mini Militia and DoTA 2, CS GO whilst including old classics such as NFS, Smackdown, Road Rash, FIFA and Counter Strike 1.6.

5. Technical and Logical events:

Since no fest is complete without such event, Praxis '16 boasted a plethora of such events to keep all the participants engaged throughout the proceedings. Some of the events conducted under this category are:-

A.Technical Paper Presentation

B. Nova Alley (Case Study): A problem statement is given to you two days in advance. A technical presentation is to be prepared on the same in order to solve the problem.

C. Tech-trics (Tech quiz): This technical quiz will test your geeky grey cells about the technologies around you.

D. Brainwave(Logic quiz): All those with the fetish for brainteasers, puzzles and riddles, enroll yourselves in this quiz to prove your mettle is best from the rest.

E. Gone in Fifteen Seconds: Participants will be given a list of real world problem statements. You have to present your own idea/solution in a presentation of maximum of 36 slides and each slide will be shown for ONLY 15 SECONDS.

F. The Executive Suite: This is a mock placement event. Participants are required to compete across a series of debates, group discussions, meetings and interviews. The ideal candidate who manages to impress our judges

the most over the course of the recruitment process will emerge as the winner.

6. Robotics:

A.Robo Soccer: Incorporate your football playing skills in your robot. Two robots fight out to score goals and also save their goals meanwhile.

B. Pump It Up: Take out your bots and pump them through the finish line by controlling

the speed of your bots with your pulse rate.

C. Burst Bot: There will be four L-1 bots chasing each other in a specialised arena. Each bot will be fit with a pin at front and a balloon at the back. The last bot standing will win.

Robotics in action

D. Autobot: Build a level 3 line follower robot and place it in a track of twists and turns. The robot which follows the line most effectively and reaches the destination the quickest without diverting from its path wins.

E.The Third Eye: A webcam will be attached to your bot. You will have to guide the bot and complete the track by looking through what the bot sees from the webcam on a display device.

F. Aquabot (fun event): Navigate your bot through the waters and dodge the obstacles to reach the other side.

G. Mid-Track Manoeuvre: The bot needs to navigate through a track containing various check-points and obstacles.

The major highlights of the event included Maker Mela-an exhibition of startups, Coca Cola Youth Speak Forum powered by AIESEC, Terribly Tiny Tales workshop – (TTT) one of the most trending pages in social media and IGNITE- an international community event which had speakers discussing issues about various technical and non-technical topics.

Chief attractions included:

1. Maker Mela:

The Praxis Committee was all the more glad to showcase the revolutionary technological innovations of the entrepreneurial community in about 10-15 stalls, thereby giving our participants a new outlook to startups and corporate world.

2. TTT:

The Terribly Tiny Tales workshop was conducted by the co-founder of TTT , Mr. Chintan Ruparel. As part of this workshop, students were given a chance to learn the nuances of content writing from the founders of one of

Mr. Chintan Ruparel, co-founder of TTT

the most trending social pages on the web. Mr. Chintan shared his experiences and his life story, inspiring a lot of budding writers in the crowd. At the same time, he had the audience in splits with his anecdotes and his perspective of turning a

seemingly mundane object or incident into an engaging story. The workshop ended with a workshop for the audience, wherein they had a chance to write a story of their own and have a shot at getting it published by TTT online. Last, but not the least, Mr. Chintan obligingly posed for photos with this selfie-obsessed generation of ours and bid adieu.

Bridge the Gap

3. Ignite Mumbai:

This workshop was followed by the first ever IGNITE event to be conducted in Mumbai university as part of Praxis '16. As part of this event, 12 different speakers spoke on various topics ranging from How to make a meme to feminism to How to make your own music. The audience was captivated by this event and the success of this event clearly means that it will be staged in the years to come.

4. Cubing Arena:

World Cubing Arena affiliated Rubik's Cube Competition held a significant place in our Praxis itinerary. Irrespective of the individual interests, any person who had been a part of Praxis, was offered a perfect blend of fun and techno-thrills. With over 7 different variants, cubing enthusiasts found their nirvana.

5. Treasure Hunt:

The Praxis Treasure Hunt proved to be yet another mystifying affair that allured the participation of 25 teams driving across Thane and Mumbai in a quest to grab the ultimate treasure. It was a Sunday like no other complete with mind boggling puzzles, scenic beauty and the unmatched thrill of contest. Pre-Praxis events that closely followed the treasure hunt was a crowd puller and a roaring success.

6. Coca Cola Youth Speak Forum

AIESEC and Praxis'16 organised the Youth Speak Forum. It had distinguished guest from different fields, who spoke on Sustainable Development Goals(SDG). These SDGs have been set by the UNO with a goal of making this world a better place to live in with collaborative working and understanding. The speakers included prominent prominent Chattered Accountants, successful businessmen, a popular YouTuber and an accomplished VESIT alumnus.

The plethora of goodies not only attracted crowd from within the college, but also enticed students from other college.

The proper balance of fun, technical and educational events reflected the artistic and tech-based skills among the peers. The meticulous planning by the entire Praxis Committee surely paid off. Surely Praxis'16 has redefined standards for an event of this magnitude to be conducted in the years to come. It can go only in one direction from here. Praxis, on the UP.

- Deepa Narayanan(D7B)
Jay Anjankar (D16A)
Samarth Ladia(D17B)

Computer Society of India - VESIT

Staff In charges: Prof. Prashant Kanade,
Prof. Charusheela Nehate,
Prof. Mona Deshmukh

Chairperson: Pranay Mahaldar

Secretary: Aditya Krishnan

TECHNICAL EVENTS

1. HIDDEN CIPHER

Paper eliminations: 29 August 2016 (Monday)
Final event: 30 August 2016 (Tuesday)

HIDDEN CIPHER was our first event of this year. This event was especially held for the Second year students. The event included ciphers, anagrams and the students were taught various cryptographic algorithms which they used to qualify the rounds and reach the final round.

The eliminations round was held on 9Th September 2016 during the Second Break. 98 teams took part in Eliminations: that is 98 x 3=294 students participated in the event. From 98, only 16 teams made it to the finals. There were 4 rounds in which the students were given different cipher and anagrams, where they had to deduct the answer. In the final round, all the 3 members of a team were given a particular message to encode by using a particular shifts and the other member has to decode that guessing the number of shifts used which then provided the team with a task that had to be performed.

The eagerness and enthusiasm of the SEs made sure the event was a huge success.

2. WORDPRESS WORKSHOP:

Date: 29th August (Monday) Venue: Lab 509(B) Number of students present: 50

Workshop conducted by:
1.Tanmay Rauth (Sr. Web Editor)
2.Pavan Chhatpar (Sr. Technical Officer)
3.Sumeet Shahani (Sr. Technical Officer)
4.Neeraj Harjani (Sr. Web Editor)
5.Juhi Bhagtani (Sr. Technical Officer)
6.Siddhesh Hindelekar (Sr. Technical Officer)

This was the first CSI VESITs workshop for this semester. The aim of this workshop was to introduce Word-press to the attendees and to teach them to build their own social networking website in 2 hours.

3. CODE BREAKER
Paper eliminations: 31 August 2016 (Wednesday)
Final event: 01 August 2016 (Thursday)

This was an exclusive T.E. event, based on similar lines as The Hidden Cipher. The participants were tested on their logical and analytical thinking ability. Paper based eliminations were conducted on 31st August 2016. 8 finalists that were selected from the first round. The final round was held on 1st September 2016. The questions involved math and logic, ciphers, cryptic codes, brain-bats etc. The participants enjoyed and appreciated the event.

4. JAVA FX WORKSHOP
Date: 7th October 15 (Wednesday) Venue: Lab 509(B) Number of students: 50
Workshop Conducted by:
1.Kaushal Mhalgi (Jr. Technical Officer)
2.Vedant Mistry (Jr. Technical Officer)
3.Arvind Narayanan (Jr. Web Editor)
4.Akshaya Patil (Jr. Technical Officer)
5.Binoy Saha (Jr. Web Editor)

This workshop was conducted by the Junior technical team exclusively for the SEs. It received a positive feedback from the students attending the workshop.

5. BUSINESS QUIZ
Date: Paper eliminations: 26 August 2016 (Monday)
Final event: 14 September 2016 (Tuesday)

Business quiz was a one day mega event for both, second and third year students. This event mainly included questions and games about business, CEOs, Tie-ups, Start-ups, Technology companies etc.

There were 3 rounds and 25 teams (3 members per team) participated in the event. It started at 3pm and ended at 5:30pm. The first round included mini games like guessing the, companies' taglines, logo quiz. The next round was a rapid fire round in which one team gets one minute to answer 10 moderately difficult business questions. This round was essential to pick the business-minded and updated teams out of the pack. 6 teams were qualified for the finals. The final round was revamped to a strategic bidding session for players whereby they were expected to bid for their raw products, create their product and then sell (reverse-bid) their products in various countries which bought their products at different rates. This round was loved by everyone because it was similar to real market biddings and that they had to keep track of their opponents as well. 3 teams were declared as winners after this round based on their points.

There was a very good feedback given by the participants and many students who did not make it to the finals wanted to play as the final session received an overwhelming feedback for its planned and structured execution.

6. PYTHON WORKSHOP
Date: 29 September 2016 Venue: Room 515

This IIT-Bombay Certified workshop was conducted this year for members to brush up their python skills and to introduce to those who were interested in learning python. This workshop was specifically aimed towards being a crash course for SE and TE members. This workshop received an overwhelming response with more

than 85 entrants.

PYTHON Workshop

7. VIRTUAL STOCK MARKET (Online Event)

This event was much different as compared to the other CSI events. This event was held in the time duration of 8pm to 11pm, on 1-2 October 2016, where the members were given an opportunity to play from home using an interface which was exactly similar to the real world stock trading. This event was more focused on building the entrepreneurship skills of our members. The custom website was specially designed in-house by the Technical and Web Editor team of CSI VESIT. Participation was open for all SE, TE and BE members. The event received tremendous participation and was a huge success.

8. ARTICLE WRITING

CSI VESIT was proud to present its very own Article Writing Competition this year with the theme - 'Quantum Computing'.

If someone had a flair for writing and were passionate about this amazing invention, here was a chance to compose an article about any Quantum Technology. The best entries will be featured in the CSI VESIT Magazine.

As the American Presidential Elections were followed by all this year, we introduced an abstract topic writing for the members – 'Hillary vs Trump', and we received a total of 20 entries.

NON - TECHNICAL EVENTS

9. CASH IN

Paper eliminations: 05 September 2016 (Monday)

Final event: 06 September 2016 (Tuesday)

LAN Gaming

'CASH-IN' was a fun based mega event conducted for all SE, TE and BE members. It involved various games incorporated with technical questions. Correct answers helped the teams score points in their games. The event was a grand success and saw a huge participation from members of all years. Paper based eliminations were conducted for teams of 3 members each on 5th of September, 2016. Based on these, 36 teams were chosen for the finals on 6th of September, 2016. More than 100 teams had participated in the eliminations round.

The members appreciated the concept, exe-

cution and management of the event. The feedback was highly positive and encouraging.

10. LAN GAMING

One of the most popular and awaited events of CSI-VESIT, LAN-Gaming was conducted for members from all years. The event was held over a span of 5 days: the eliminations were conducted on the 24th and 25th of January while the quarterfinals and the semifinals were held on 27th January. The grand finale was held on the 28th January 2017. The games which were a part of LAN GAMING were Counter Strike 1.6, Counter Strike Global Offensive, Need for Speed Most Wanted (2005), FIFA '11 and FIFA '16 as a fun game. Roadrash was conducted exclusively for girls. The event received a huge participation from all branches, all years. The members loved the event and gave a positive feedback.

Students arrived in droves to participate in the various games, and the participants surpassed to over 250 members. Due to the overwhelming response received by the event, crowd control and run-time management were critical areas of concern. The job was carried out by the council, especially the Operational Cell, with great perfection and efficiency.

Cric-o-Mania

11. CRIC-O-MANIA

Firstly the paper eliminations in a team of four were held on day 1 out of which 2-3 teams from each class were selected for the next round.

Round 1 was held on day 2 which consisted of a cricket flash game and each team was allowed to watch a video from which they had to answer certain questions related to that video. Points were allotted to the cricket flash game as well as the questions.

A base amount was allotted to all the selected teams based on their scores in Round 1.

Finals were held on day 3 in which 16 teams were shortlisted from the second year for the exclusive SE finals. Also, 16 teams from third and fourth year were shortlisted for finals on day 4.

Same format was followed for both the finals.

FINALS:

In the first round auctions were held in which teams had a chance to buy from two sections that is:

1.Batsman-Pool A
2.Bowlers-Pool A

Second round was sponsorship round. In this round each team had a chance to collect virtual money from 5 mini games and 1 face off challenge.

In the Third round players again went under the hammer and this time also two sections were presented to the teams:

1.Bowlers-Pool B
2.Wicketkeepers

Now at the end of this round each team should have had at least 2 bowlers and 1 wicketkeeper. There were only 12 wicketkeepers. The teams which failed to satisfy the above criteria were eliminated.

Fourth round was again sponsorship round in which the teams were again made to play mini games and the face off challenge. This was their final chance to collect the money.

Round five was the last round in which three sections of players were auctioned for the final time.

1.All Rounders

2.Batsman-Pool B
3. Legends

At the end of round five it was mandatory for each team to satisfy the following criteria:

Batsman
2 Bowlers
1 Wicketkeeper
1 All Rounder
1 Legend

The teams which failed to do so were eliminated.
Now the total points of each team were calculated according to the recent performances and the brand value of the players they had bought in their respective teams.
At the end WINNERS, First Runner up and the Second Runner up were declared based on the points each team had collected.

12. IDIOT BOX

One of the most eagerly anticipated events of the year, Idiot Box drew all the nerds of TV shows and movies to showcase their insufferable knowledge of the medium, much to the chagrin of their fellow insufferable nerds. With volley after volley of questions being hurled at the doyens of every imaginable genre in our college, the battle to win the Game of Thrones surely revitalized the zest to watch movies and inculcate a more insightful understanding of the medium.

Idiot Box

" Optimism is the faith that leads to achievement. Nothing can be done without hope and confidence "

- Helen Keller

IEEE- VESIT

Staff Incharge: Prof. Gresha Bhatia,
Prof. Shobha Krishnan
Managing Secretrary: Narayan Mundhara
Operational Secretary: Sufyan Khan
Chairperson: Tamanna Rupani

List of events:

- Coc (30th & 31st Aug, 1st & 2nd Sept): a real life manifestation of an empire building game that manages to make the participants keep their thinking hats on constantly.
- LabVIEW and matlab workshop (3rd Sept): taught participants several skills in visual representation of problem solving techniques and monitoring of systems.
- SmileOkBappa(6th Sept onwards for 11 days): An online venture by IEEE Vesit that facilitated participation by incorporating their presence on various social media to highlight their shutter bug members.
- Quizard (28th Sept)- The classic dialogue between a quizmaster and his contestants taken to a land of spontaneity and mental agility and awareness.
- Online treasure hunt (1st & 2nd Oct): an Internet based virtual labyrinth that inclined contestants towards lateral thinking and find their way out before the walls around them ossified to an enclosure.
- Comflict (3rd, 4th, 5th Oct) - Comflict is an event in which teams representing a Super hero from either DC or Marvel, clash against each other, to destabilize an omnipotent villain.
- FPGA (7th Oct): a workshop that included detailed explanation of the self-adjusting hardware along with coding in VHDL and implementation of intermediate logic circuits.
- FVPL had people devising strategies and making gameplay plans for victory by the use of the best players in VESIT.
- Android WS was a huge success with many new engineers looking forward to making an app of their project so that it can be easily controlled and monitored by the use of a custom made Android app which will work under the segments data.
- Bluffmaster (25th, 27th, 28th Jan): A platform where gratification and laurels are showered upon the ones who unsuspectingly make their way through to the zeniths of the crowd.
- Combining the excitement of sport with the rigors of science and technology, RoboCup proved to be an eye-catching event. This aimed at promoting robotics, by offering a public appealing, yet formidable challenge.

IEEE Events

- TROTA (4th to 8th Feb) - The Rise of The Alliances was the insidious mind game of politics and war, based on worldly events in historical chronology.
- Treasure Hunt (9th, 10th, 11th Feb): A brain teasing series of clues and tasks make the players recognize themselves and construct the jigsaw of shattered memories that leads them to the ultimate treasure.
- Among the other events on the platter are TPP, Bewitch, WIE Workshop and The Deep Web workshop.

International Society Of Automation (ISA) VESIT

Staff Incharge: Prof. Kadambari Sharma
President: Sanchit Singhal
Vice-President: Mustafa Masurkar

ISA-VESIT took a huge leap this year in an attempt to transform itself completely and give the service of a Technical Society in the true sense of the words. From being an organization that majorly conducted fun events, this year, ISA-VESIT undertook the job of imparting technical skills to its members in tandem with recreational events. Following are the list of events conducted in the academic year 2016-17.

Non Technical Events

The Oblivion Conundrum : It was the first fun event of the year 2016-2017. The event was a thrilling set of strategy based games designed in order to think out of the everyday syllabus and academics.

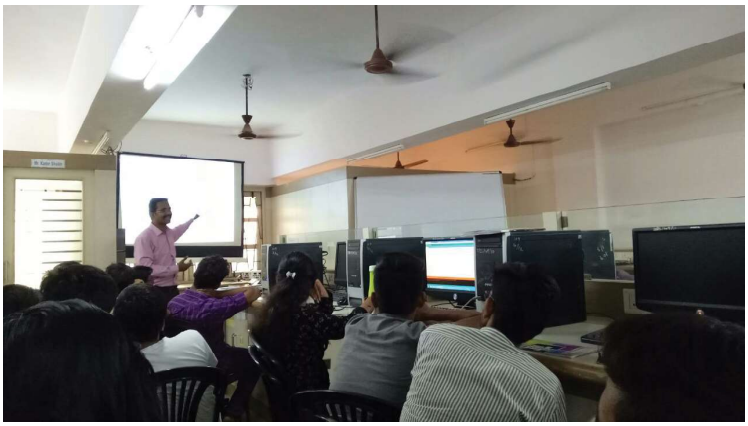
Oblivion conundrun

FE fun event : FE orientation and fun event is carried out by the S.E. council during the month of March. The first year students are made aware about what ISA is, the activities ISA carries out throughout the year, insight of instrumentation branch, placements, higher studies etc.

BE & Beyond : One of the final events of the year, BE and Beyond is an interactive session between the current BEs and the juniors. Students from the BE class share their experiences and invaluable words of advice with the juniors of various competitive exams like GRE, GATE, CAT etc as well as the dos and don'ts for successfully tackling campus placements.

Technical Events

PCB Workshop : Informative session on PCBs wherein students were lectured about Eagle software. Also students had a hands-on experience in mounting PCBs and soldering.



Arduino Workshop

PLC Workshop : It was one of the most striking events conducted by ISA-VESIT. This workshop was aimed at inculcating ladder logic development for PLCs in students. The introductory session was

followed on by an absolute hands-on experience on the PLC Simulation Panel installed in Lab No. 101.

Analog Electronics Workshop : The 3-days workshop was conducted exclusively for S.E. members to enable them to understand the basic concepts related to Analog Electronics, thus sharpening their technical skills.

Arduino Workshop : ISA-VESIT offered a 2-days Arduino workshop, exclusively for S.E. members, to help them learn the basics of Arduino hardware and software. Students also experienced and gained an understanding of interfacing Arduino to LCD Screen.

Lab Awareness Sessions : The month long session is a major step taken up by ISA-VESIT towards imparting technical skillset to all its members. These sessions are hands-on, attended first by BEs and then carried forward to TEs and SEs every week after college hours. It includes the study of equipments used in Industry(installed in Lab 102) in detail.

PSoC Workshop : The Programmable System-on-Chip workshop was a 3 day course conducted for the third year members. Students were given kits for a hands-on experience of the advanced microcontroller and even allowed to rent them for projects.

Project Exhibition : In order to boost up the amount of technical proceedings, ISA-VESIT has taken up an initiative and decided to start a concept of Community Project. Under this, members from SEs and TEs along with a BE mentor work upon a project idea in order to hone their technical skills. Members can also exhibit other projects, if any, by means of this platform. The projects will then be showcased and judged in the final exhibition to be held in the month of March.

IoT Workshop : The exponentially growing popularity of Internet of Things prompted us to conduct this workshop wherein students were told all about IoT and even made to work with one of the most advanced IoT modules.

Intercollege Events

Manthan 2017 : For the first time in the history of ISA-VESIT, ISA-Maharashtra organized its annual orientation meet in the college auditorium for the ISA Faculty and Student Council members from over 14 colleges. The core objectives of this meet were to set action plans and address the challenges faced by ISA Students' Chapter, explore networking avenues and share knowledge.

Manthan 2017

Annual Symposium

Engauge : ISA-VESIT concluded the academic year 2016-17 with their annual symposium 'Engauge'. The highlights of this event were the technical discussion by the industry experts, the felicitation ceremony and the customary final address of the outgoing BE council.

ISTE- VESIT

The technical society ISTE-VESIT conducted various events throughout the year. The society started its functioning for the academic year 2016-17 from August.

Group Discussion

The first event conducted by ISTE-VESIT was Group Discussions for its T.E. members on 29th, 30th and 31st August, 2016.

Elimination round of the event was held on 29th August in which participants were divided in groups of 8 and recent or abstract topics were given for discussions.

Out of these participants, 16 students were selected for the semi-final round, which was held on 31st August. The semi-finals was followed by finals for which 8 participants were selected. The finals comprised of two rounds. In the first round participants were shown a video on which they had to base their discussion. In the second round a current affairs topic was given. The contestants were seen competing against each other with great vigour. The members who emerged as winners were:

1.Rohan Mohandas D14A

2. Raghav Jhawar D15

3. Sneha Rao D11B

Math and Logic

Paper based elimination rounds were conducted on 30th August. The paper was designed so as to analyse mathematical and logical abilities of the members. On the basis of scores obtained, 50 teams were qualified for Quarter finals. The Quarter Finals was on 31st August ,2016. The Quarter Finals had 4 mini events which were made to test the mathematical and logical skills of the members.

In the semi-finals which was conducted on 1st September, 12 teams were selected in all with 2 teams going head to head in a battle of wits, strength and accuracy. The finals had a bidding concept on the success and failure of the team that was asked the question. There were 3 rounds in this game.

The winners were:

1. Ganesh Kotalwar (D7A), Saurabh Verma (D7A), Dilip Moralwar (D7A)

2. Mansi Mahalunge (D6A), Anvita Rai (D6A), Payal Bhaisare (D6A)

3. Anuja Reejsinghani (D7A), Ruchika Daryani (D7A), Pralaksh Mishra(D6B)

Prova

ISTE VESIT conducted a creative event Prova-'Imagination to actualization' on 26th and 27th September, 2016 exclusively for its S.E members. The event tested the marketing and designing skills of the participants.

Paper elimination was conducted on 26th September that judged creativity of the participants. On the basis of these paper eliminations, 10 teams were qualified for final round.

The final round was conducted on 27th September, 2016 in which teams were allowed to bid for specific objects and had to design a product from the resources allotted to them. After product designing, teams had to give a suitable name and advertise their product on social media.

Prova

The winners of this event were:
1. Supriya Khatri D6B, Zoheb Shaikh D6B, Bhuvanesh Goplani D6B
2. Sagar Ganiga D10, Vipul Ghitani D10, Aman Gupta D10
3. Isha Shetty D10, Dipshi Shetty D10, Bhavika Shahani D10

Notice the Unnoticed
ISTE VESIT organized an event for its S.E. and T.E. members from 3rd October to 8th October. This week long event was planned entirely by the S.E. coordinators. There were a lot of brain-teasing questions from different genres that were put up on the notice board of the society, the ISTE-VESIT android application and the ISTE-VESIT website in a series of 6 days. These puzzles aimed at developing logical thinking capabilities of our members.
The members who solved all the mind-boggling riddles and emerged as victors were:
TE :
1. Shreyash Shelar D14A
2. Numan Patel D11B
SE :
1.Prerna Baliga D7C
2. Dhiraj Sajnani D7A

JA TITANS
ISTE-VESIT in association with JA India conducted an online event hosted by the Junior Achievement Group. It was the mega-event for the odd semester. The event was a business simulation software called JA Titan. It was held on 5th ,7th and 8th October. It is a web-based product launched by JA worldwide. It creates a virtual world in which participants act as CEOs to companies they own.
Out of 200 people i.e around 50 teams who participated in the eliminations, 24 teams were shortlisted for semi finals. The semi finals were conducted on 7th October and 8 teams were qualified for the final round. Selection of teams was purely on the basis of their performance index.
The selected 8 teams competed against each other on final day 8th October 2013. The event comprised of 12 quarters and each quarter was of 5 minutes. The prime purpose of the simulation was to increase the performance index through the quarters.

The winners were declared in the evening later after the event and were awarded with cash prizes. The feedback received was encouraging and the response received was overwhelming. Every participant enjoyed the event alike and the event thus proved to be a huge success.
The winners of this event were:
1. Kapil Paliwal D11A, Manthan Shah D11A, Sidharth C, Siddharth M D11A
2. Bhavika Shahani D10, Mayank Agarwal D10, Sagar Ganiga D10, Shravan Jain D10
3. Aaditya Kulkarni D11B, Numan Patel D11B, Deepak Sawant D7C, Mukul Ramchandani D12A

With this event, ISTE-VESIT concluded the odd semester on a high note.

Around The World
ISTE- VESIT started the even semester with a bang, with their first two day mega event for this semester named 'Around the world'. True to its name, the event saw the participants playing modified games from various countries like the Human Fuzzball from Brazil, Archery from Nepal, Modified Badminton from Indonesia and Cardice from Las Vegas on the first day. Small score multiplying games were also added to increase the competitive spirit of the enthusiastic crowd. Human Fuzzball was the main attraction of the entire event. Out of the total participating teams, 16 teams were shortlisted for the semi-finals. The semi-finals saw the members solving

various clues spread out across the college campus related to different countries. The final 8 teams battled for the top 3 positions in another innovative card game. The entire event was well appreciated by all the participating teams and the travellers who finally emerged victorious were:

1. Pranav Parab, Sahil Berde,Viraj Wani
2. Raveena Chawla, Sagar Vasnani, Yogesh Makhija
3. Karan Sharma, Krishna Bajaj, Kunal Achantani

Around the World - ISTE Event

Techtrix

Techtrix was the biggest technical event conducted by this society on 30th and 31st January for the S.E. and T.E. members. The event was divided into software and hardware sections. It included blind coding, hackathon competition, circuit designing from a set of components, debugging of a faulty circuit, and finally a quick - quiz.

The technocrats who won this event were:

TE :

COMP/INFT

Rajeevkumar Yadav
Mahesh Parwani
Rahul Shetty

ETRX/EXTC

Jitesh Vijaykumar
Pooja Ahuja
Shreyash Shelar
Abhijit Nair
Mandar Kharde
Numan Patel

SE :

COMP/INFT

Sagar Ganiga
Bhavika Shahani
Sharvan Jain

ETRX/EXTC

Harish Yadav
Haroon Khan
Shubham Sutarkar

Dalal Street

Maximus
It was a TE exclusive event, where members had to apply their business skills, decision making skills, market analytics, management as well as economics' skills. Not only this, they had to present their marketing skills all this in a limited time period. The winners of this event were:

1. Numan Patel, Rushabh Patil, Sukanya Rawool
2. Radhika Raghuwanshi, Rohini Yedelli, Vaibhav Goyal
3. Gayatri Devadiga, Priyanka Pawar, Sneha Rao

Placement Week
This event began with an aptitude test. The members who qualified by getting top scores in aptitude tests were then tested with a round of Group Discussion. And finally after the GD, the finalists were personally interviewed by specialists from a company. This is how all the ISTE-VESIT members were given a chance to experience the actual process of placements. The professionals who impressed our judges and emerged victorious were:
Raghav Jhawar
Rajeevkumar Yadav
Sushil Kogta

Technical Paper Presentation
'Technical paper presentation' was another event where the participants presented their research reports and showcased their technical knowledge and imagination.
The winners of this event were:
ETRX/EXTC
Pitam Mali

COMP/INFT
Dipika Jiandani
Megha Manglani
Riddhi Karkera

Technical Paper Presentation

The other upcoming events are Gangsta Blues which would be the second mega event for this semester and is known for attracting a huge amount of crowd, D-deal which is an online event, Article Writing in the Technical and Non-Technical sections and the SE Coord Event designed by the super talents SE coordinators of the society for its SE members.

Students Personality, Intellect & Creativity Enhancement

Staff In-charge: Prof. Nishi Tiku, Prof. Dhanamma Jagli
President: Amit Vishwakarma
General Secretary: Vinay Singh, Pawan Patil
Treasurer: Lorraine D'souza, Ashish Saiwal
Editor: Venkatesh Vaasudhevan, Utkarsh Rastogi
Student Coordinator: Sunil Sahu
FY Coordinators: Priyanka Devasthali, Pranav Kurup, Renuka Ram, Atit More

Our Moto: To Bridge the gap between Campus and Companies and overall personality development of the students.

SPICE was formed to bridge the gap between the college syllabus and the placements. SPICE conducts aptitude test, sessions by experts and ex-students to make students understand the aptitude level of dream companies as well prepare them for such placements in both aptitude and interviews.
It also aides their overall personality development by giving them the confidence to speak via GD and debate sessions and prepare them for the corporate world.

The Academic Year 2016-2017:

Events planned for the year are:
- Aptitude Lectures & Tests for MCA-1 & MCA-2 (both shifts)
- Group Discussion/Debate for MCA-1 & MCA-2 (both shifts)
- Coding Contest for MCA-1(C/C++/PHP) & MCA-2 (C/C++) of (both shifts)
- Expert lecture of HR for MCA-2 (both shifts)
- Interactive/Expert lectures for MCA-2 (both shifts)
- "Creativity Enhancement" Events for MCA-1 & MCA-2 (both shifts)
- Expert lecture to crack the code for MCA-2 (both shifts)

Group Discussion

Events conducted during the year till date:

1. **Aptitude Lectures & Tests:** Lectures to improve student's aptitude skills are being conducted. Regular

aptitude tests are also being held. Lectures were taken by faculty as well as senior students.

2. **Coding Contest:** 15 February – Coding Contest was conducted for the students of second year. Event was aimed to test the programming skills of students. Individual's programming skills on Theory as well as practical was tested during this event.

3. **Senior Lectures:** Lectures from seniors were delivered to the first year students covering the areas of financial accounting & java programming.

4. **Motivational Talk:** A session was conducted by the Training & Placement Officer, Prof. A Nagananda to motivate the first year students and give a brief insight about the placement process.

Future Events:

SPICE is planning to conduct aptitude lectures, tests and creative events for the students of F.Y. and S.Y.
Lectures are also being planned to familiarize students with the current corporate technologies.
HR specific lectures for students appearing interviews.
Group discussions & debates in the month of March for improving the communication skills.

Coding Contest

" If you're walking down the right path and you're willing to keep walking, eventually you'll make progress "

- Barack Obama

Cultural Council

Staff in charge: Prof. Naveeta Kant, Prof. Gresha Bhatia, Prof. Rajashree

Cultural secretary: Ayush Shambhuwani

Cultural council: Pranit Kotgire, Ankit ayyar, Mansi Patole, Shardul Malvankar, Shashank Agnihotri, Mukta Chandani, Shubham Safaya, Pavan Borole, Sanika Kadam, Mohit Bhatia, Rahul Soshte

1. UDAAN'16 - GO DESI

The budding engineers of V.E.S.I.T. were welcomed with lots of enthusiasm and gusto by the 2016 Cultural Council. The event was renamed as Udaan thus setting up new hopes of soaring high with the 2016's Freshers. The theme for the day was "Go Desi".

Banners of the "Go Desi" theme covered the amphitheatre and other parts of the college for days before the event. A series of fun events such as Innovation, Dance, Mr and Miss Freshers and a few more games were conducted. Every class showed their participation in making collages and posters with allotted themes and the best one was rewarded at the end of the Event.

UDAAN 2016

A new initiative to generate awareness amongst the teenagers was taken forth by the "Nashabandi Mandal Maharshtra Rajya" by Amol Madame, the founder of the NGO. Similar topics of drug abuse were used by the students for their poster making competitions. The NGO participation was a culmination of combined efforts of the SoRT Council and Cultural Council.

A new event was added up this year called the 'Treasure Hunt'. This event gave the winners a chance for a direct entry to the Praxis Treasure Hunt.

The Mr. and Miss Fresher faced a tough competition. In the end, Amruta Parab (D2B) became the Miss Fresher 2016 and Somesh Sidhwani (D2C) became the Mr Fresher 2016.

The College Dance Team performed with their dance talents and set a new level in dance for the students. At the end the entire student Council was called upon the stage and a brief introduction was given to the students. Students participated in large numbers in all the events and games.

The Cultural Council worked very hard in making "Udaan" a successful event. It was with their combined efforts, co-operation and management did the students have a great start at V.E.S.I.T. Udaan indeed provided a platform for the newbies to Soar High!

2. ILLUSION'17: SEE THE UNSEEN

After kick-starting the academic year with "Udaan", VESIT got to witness yet another cultural fiesta: Illusion'17. Illusion is an intra-collegiate competition wherein six teams comprising of students from all the five branches of engineering, as well as M.C.A., compete in various portfolios like Dance, Drama, Sports, Aesthetics and Music. In addition to these, a new portfolio was introduced by the Cultural Council this year i.e. Visual Arts,

wherein the video editing and photography skills of various teams were to be tested. Each team comprised of one prudent and qualified team leader, and a managing committee for all the seven portfolios apart from the participants. Illusion '17 was a grand four-day affair which started on 11th January 2017 and went on till 14th January 2017.

Events held on Day-1 were Castle-making, T-shirt painting, Treasure hunt and Case-study. The former two events were for the aesthetics portfolio while the latter were for sports. The teams made wonderful castles and colourful t-shirts under the stipulated time. While these two events were going on in the amphitheatre, parallelly the other two were going on in the college campus. Clues were given to each team as well as they had to perform certain tasks.

Day-2 comprised of portrait-making, amazing race, story writing, spell bee and music events. The topic given to the teams for portrait was Lata Mangeshkar and the event was held in the amphitheatre. Amazing race was an event wherein the teams had to complete a course which had different kinds of hurdles along its way. Story writing and narration was a literary event wherein we got to hear many intriguing stories. The participants were given a phrase with which they had to end their story along with 'breaking the fourth wall'. The last event was the Music event where the teams garnered huge crowd in the amphitheatre with their stunning musical performances.

Kaushal Bhogale performing at Illusions Music Event

Day-3 had the following events- modified sports, rangoli making, quiz and drama. The participants had to draw their respective team logos with the help of rangoli. Modified sports was an event where the teams had to play a common game albeit with a twist. Quiz was a literature event where teams were asked questions based on various themes. The audience enjoyed a lot. The last event i.e. drama was a big hit where each team had to display an original act based on a social cause given to them by the council.

The last day comprised of few of the most awaited events of Illusion: Visual arts, B.o.T.S. and Dance. Visual arts, the portfolio which was introduced this year by the council had two events: In the Making-of and Documentary. Both the events were appreciated by the teams and the audience as well. B.o.T.S. i.e. Battle of thirty seconds, kept the audience tied to their seats for quite a long time. As soon as it ended, it was time for the last and most exciting event: Dance. This year, the theme was folkdance and the teams were provided with folkdances of various states. All the teams put up a good show and ended the fiesta with a bang.

This year, team Prevailers, led by Akshay Rathi emerged as winners and won the Best Team trophy. Pujan Sanura, leader of team Imperials won the Best Leader trophy. Thus Illusion'17 came to an end with combined efforts of the cultural council, the teams as well as the various event heads, asst. event heads and the volunteers who co-operated and supported the council till the very end. In a nutshell, Illusion'17 was quite a successful affair.

3. TEACHERS' DAY CELEBRATION

September 05, that is the birth date of Dr.Sarvapalli Radhakrishnan, is celebrated as teacher's day .

This year, for the first time in V.E.S.I.T., Ayush Shambhuwani, along with the entire cultural council

organized a short event for the teachers in order to express their gratitude. Teachers play a vital role in not only imparting knowledge but also shaping the personality of the students. Since the time, we first moved into an educational institution with tiny feet and gleamy eyes, till today, our parents breathe peacefully with the fidelity that we are in our teachers' safe hands. The valuable pieces of information that are inculcated in the students by their mentors each day help them climb another step on the stairway of their success, for their bright future is the sole aim of the teachers.

Teachers' Day Celebration

The programme, hosted by Devansh khakkar commenced by Saraswati Vandana by Viraj Bapat and the Music Council of V.E.S.I.T. It was followed by a few words by Sumeet Menon who is an alumnus of the college. He shared his experience of his four years in the college and thanked the teachers for making him the confident and successful person that he is today. A classical dance was presented by Anjana Manoj, who is an established dancer, followed by a speech by Slisha Shetty who expressed the importance of a teacher in the life of every human being and how the teachers strive for the well-being of their students.

The music council by their performances dedicated various songs to the teachers, telling them how much they mean to us. Rutuja Pate, from the electronics department, recited a poem that touched all hearts. She told us what and who a teacher really is.

In V.E.S.I.T. students blessed to have teachers who have enlightened not only the careers, but also the lives of students for more than two decades now. To conclude, a small token of appreciation and a letter from the cultural council to express their deepest gratitude was given to the teachers.

It was indeed a wonderful evening that strengthened the precious bond between the students and teachers.

4.INTERCOLLEGE DRAMAS- NIRDOSH AND ABHAAS

The V.E.S.I.T. drama team won many laurels this year. They represented the college in various intercollege events. The drama team performed two excellently scripted dramas, one named Nirdosh and the other one Abhaas. They participated in Manzar, Talaash and many more.

Nirdosh, meaning innocent, was a murder mystery where in a whole lot of scenarios revolving around the death of person were enacted. It was quite a thrilling act. Abhaas was a Marathi drama based on hallucinations. The drama team stood second in Kshitij and Talaash while they secured first rank at ICT's Manzaar and garnered much applauses. Thus, the drama team made the college proud wherever they went!

5. UTSAV'17: THE CULTURAL FIESTA

The Cultural Council had been on their heels for the past few month as the most awaited cultural festival "Utsav" began! The customised week, which began from 7 March 2017, marked the start of "Utsav" as everyone celebrated days like Branch day, where students from every branch were assigned a specific colour of clothes to wear on that day, Corporate day, where girls and boys were dressed in their best professional attire, Clone day, where a group of people dressed as clones, Traditional day, where students wore clothes that represented their culture, Character day, where students dressed as toon characters, Chocolate day, where friendships were preserved through give and take of chocolates. Students were very excited and participated with utmost enthusiasm.

Utsav has always comprised of a huge number of events but this year the number of events were more than sixty

as against the forty events held last year. This is the highest number of events held till now! The amalgamation of all portfolios, right from sophisticated events like Model United Nations and Elocution to fun events like Antakshari and Boomerang and Snap that, led a wave of excitement among students and faculty alike to enjoy these series of events.

There were quite a large number of online events this year- Any Body Can Dub, Pun, Boomerang, Spoof it, Carpool Karaoke, etc. to name a few of them. There were events wherein you also had to design the logo of your own class. Utsav was held for two days and so the managing team was in a bit of chaos as the schedule of the events to be planned had many overlapping situations. But as it's said "All's well that ends well", and this cultural extravaganza turned out to be quite a memorable affair. Let's have a look at the main days of "Utsav".

While the auditions began in February, the Utsav week started from 7th March starting from traditional day, ranging to clone day, branch day, character day, corporate day in their respective order. The first day was mainly filled with aesthetics and literature along with many fun events. There was mono-acting, quizzes, jugalbandi etc. "What's the good word?" was an event that tested the participants' vocabulary and presence of mind. The nerds were given a chance to portray themselves in events like "15 minutes of fame" and 'compiling concepts', an event which was introduced this year. There was toon mania where the participants had to draw cartoons or anime characters without any reference pictures. There was also short film and "janhith mai jari" event held for the visual arts lovers. Newly introduced drama duet and rap along with instrumental competition was also a highlight of day 1 that took place in the auditorium alongside Hindi solo, Hindi duet, western solo and group drama that took place in the amphitheatre. The day ended with a highly awaited solo dance. The second day consisted of many events like BOTS, sing along, personality, etc. However it was the group dance event which marked the end of Utsav'17 with a bang! Thus the cultural council and the managing team put their heart and soul in making the fest a grand success.

ILLUSION 2017

"You can't cross the sea merely by standing and staring at the water."

- Rabindranath Tagore

Music Council

Staff incharge: Prof. Vrinda Khadilkar
Music Secretary: Viraj Bapat

List of events:

1. Bliss'16 - The very first event of the Music Council was Bliss 2016. Held on Friday, the 26th of August in the Seminar Hall, Bliss was an introduction of the new Music Council to all the VESITians. The event also featured performances by a variety of the top musical talent from the college.

'Bliss' in Action

2. Octaves'16 - The next event was Octaves 2016. Running for 3 days from 29th to 31st October, Octaves comprised of various competitive events like VESIT idol, instrumental solo, Anybody Can Sing, Rap and Beatboxing, Songkraft, Scrap music, etc. The final day of Octaves, 31st October, comprised of band performances.

3. VESIT Studio - The third event, held in even sem, was an all-new event, VESIT Studio 2017. Held on 16th and 17th February, the event comprised of performances by the undiscovered talent in the college as well as well as accomplished stage veterans.

Vesit Studio

Octaves 2016

Social Responsibility Team (SoRT)

Staff Incharge :Mr. Mayur Narkhede

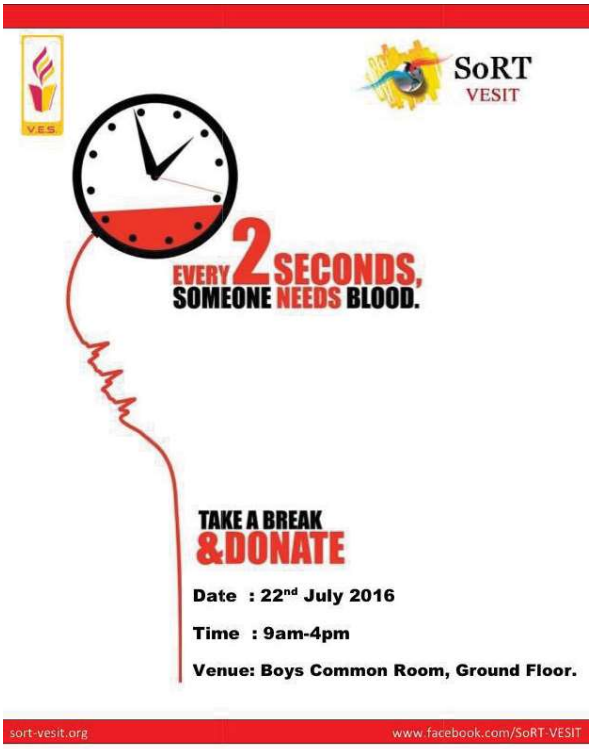
Secretary : Kaustubh Dhake

Together, we can make a difference. With this amazing thought inspiring theme, The Social Responsibility Team grows stronger each year, depicting how trying to make a difference actually does pay off.

Here is a list of their activities this year .

1. Blood Donation Drive, July 16th, 2016

SoRT in association with Hashu Advani Memorial Trust and with the collaboration of doctors from JJ Hospital organised- A blood donation camp, Thalassemia test and an Eye checkup. An overwhelming count of 140 people for blood donation, 200 for Thalasmia test and 150 for eye checkup turned up.



Blood Donation Drive

2. Bone Marrow Donation Registration, August 12th, 2016

In association with the Marrow Donor Registry (India) held a Bone Marrow Registration drive with a total count of 168 registrations were made by the students and the staff, all under the proper guidance and supervision of doctors from Fortis/Raheja Hospital. The sample collection of cheek epithelial cells was done.

3. Collaboration with Chembur Welfare Brigade- Gokulashtami, August 25th, 2016

Recognizing the need for citizen participation in assisting the police to maintain decorum and reduce instances of unruly behavior, the local self help group Chembur Welfare Brigade approached SoRT.

SoRT organised a team of 20 boys to go out onto the roads and assist the policemen to maintain public discipline on the streets.

The students helped the police to handle the crowd on the roads as well as maintain the traffic. It was done with

GO, GOVINDA

Engg students lend a hand to men in khaki for crowd control in Chembur

dna correspondent

SoRT during Gokulashtami

Crowd Management during Ganesh Chaturthi

great enthusiasm and they were able to successfully assist the police on the occasion.

4. SoRT Week, 29th-3rd August, 2016

The major objective was reaching out to the needy, collaborating with NGOs- by volunteering to sell their products(handmade) in the college. This year, SoRT collaborated with 5 NGO's in all, namely,National Association For Equal Opportunities for Handicapped (NASEOH, Chembur), Are You Recycling? (RUR, Matunga), Bal Anand(Chembur) , Self Esteem (Chembur) and Karmayog.This year, a Virtual Reality workshop was also included in association with People for the Ethical Treatment of Animals i.e., PETA, which helped us spread awareness about cruelty against animals in our campus.

5. Helping Banks with the process of Demonetisation, November 14th, 2016

Due to the recent chaos due to demonetization, long queues outside banks and ATMs are a common sight these days. SoRT recognized the need to help people through this process and decided to go out to the banks and help everyone out.

The team went to the branches of SBI, Janklayan Bank and HDFC on the 14th of November. Students of our college were seen volunteering in large numbers.

The team went to the banks and helped the people standing in scorch sunlight by providing everyone with water and helping people fill out the forms.

SORT helping citizens at bank queues during Demonetisation

Tree Plantation by Lakshya Foundation

6. Lakshya Foundation on Knowing your Army, January 27th, 2017

Lakshya Foundation, with their main objective as to bridge the gap between civilians and the armed forces, came to VESIT on the 27th of January with two Majors from the armed forces to have an interactive session with our students and to let us know more about our brothers and sisters at the border.

SoRT VESIT wished to take this crucial step to form a bond with those that sacrifice their lives for us.

VESIT PhotoCircle

Head : Tamanna Rupani

With a lens in the hand and a frame in the mind, the world is nothing but a beautiful place. With this very idea in mind, Chinmay Vad laid the plinth of VESIT PHOTOCIRCLE. Beginning off as a close knit group of keen photographers it has gone to be one of the favorites with the VESITIANS. Armed with their cameras, they are out there to convert memories into pixels. This circle has labelled its presence at every event in VESIT by providing aesthetically appealing and technically sound pictures. Popular amongst the students, the circle is known for having clicked individual as well as the class photographs.

List of events

Light Graffiti (Under Praxis and Utsav)

An event, the task of which was to create an artistic frame, with the help of lights(torches) in a dark room. The traces of light are shot at set time spaces and shutter speeds of the camera thus resulting in a continuous image. The circle proved its skills by making this event successful.

Cultural events covered

- Udaan 2016
- Teacher's day 2016
- Bliss 2016
- Octaves 2016
- Illusions 2017
- Veslit playoffs 2017
- Vesit studio 2017
- The big stage 2017
- Utsav 2017

Technical events covered

- Praxis 2016

Sports events covered

- Sphurthi 2016-17

VESIT Annual Photo session (Final years and Student Council)

Top row (L-R): Nihar Karle, Om Raheja, Rohit Sreedhar, Jatin Manglani, Kunal Lahrani, Mohit Vanage
Middle row (L-R): Amrsha Shrivastava, Shree Kulkarni, Tamanna Rupani, Pallavi Varandani, Rugved Sawant, Titeeksha Sathe, Tanmay Zope, Harsh Bhatia.
Bottom row(L-R) : Piyush Thoravat, Ameya Parab, Abhishek Kamble, Krishna Vanvari, Shivam Walanj, Shreyash Shelar

VESLit Circle

VESLit Circle, an extension of the Language Lab, conducted numerous activities in the first semester of the Academic year 2016-17. The new student team of VESLIt was formed in the month of August 2016 with Manoj Kamarajan from D14B as the student leader. It aims to provide students with a platform to showcase their skills in debate, creative writing, elocution and acting and also an arena for students interested in reading and films. In view of educating students with proper skills in the competitive areas and responding to the varied interest of students, three clubs were formed under this circle. Each club has its own student leader who along with the team would chart out the activities for the year.

The Film Club named "**Cinephila**" will screen different short films and documentaries. The film show is followed by discussions on the various perspective and impact it had on the audience. The sessions initiates and enables the audience to develop the skill of presenting their view to the society at large. Harsh Bhatia was elected as the student coordinator of this club. In the first session held on 30 September 2016 two short films were screened: 1. A Social life 2. Me & U. It was followed by a lively discussion by the students who could relate it to various aspects of their social and personal life.

The Readers' Paradise- the name of the reading club- was formed to cater to the interest of the book lovers. Swati Nair has been elected as the student coordinator of this club. It holds sessions every week where a pre-decided book is discussed. The guide/ link to soft copy is previously given to the students to help them gain access to this book. This club aims at improving the vocabulary of the students and also their reading skills. The first session was held on 27 September, 2016. The book discussed was 'The Guest Cat' written by the Japanese author Takashi Hiraide. Students were mailed a guide/ link to the book and also its PDF version 2 weeks prior to the date of the session. It had an amazing response from students.

NLEASH – The Power of Speaking is the Debating Club held its session every Thursday to hone the debating skills of VESITians. Lairai Karnik has been elected as the student coordinator. The club aims at providing students who are interested in debating, a platform to show case their talent and also giving them ground to constantly improve and upgrade themselves. Here the best students are also selected to represent the college in various inter collegiate debate competitions. The first event under this club was a huge hit as the student participated in large numbers to demonstrate their debating skills. Selected students were sent to NMIMS and K J Somaiya for the inter collegiate debate competition.

Winners of Debate with Mr. Subhash Vasandani, Mr. Ashok Upadhyay, Mr. Ramnarayan and Mr. Trivikram of Union Bank

VESLit was also instrumental in conducting an **Inter-Class Debate Competition** on 20 October 2016, sponsored by the UNION BANK of India, to inspire the young minds to think deeply on how this problem could be tackled and brought to a grinding halt. The delegates of UNION BANK included Mr. Subhash Vasandani, Sr. Manager, Vigilance Dept. Corporate Office; Mr. Ashok Upadhyay, Chief Manager, Zonal Vigilance Cell,

Mumbai; Mr. Ramanarayanan, Branch Manager, Chembur Branch and Mr. Triviknam, Customer Relationship Manager, Chembur Branch. The topics for the final round included 'India can become a corruption free country by 2020', 'Social media helps to reduce corruption', 'RTI is an effective tool to tackle corruption', 'Corruption can never be eliminated in a democratic country' and 'Men are more susceptible to corruption than women'.

VESLit had also conducted **Essay Writing & Poster Making Competition** on **07 November 2016**, on the occasion of '**National Unity Day**' to commemorate the birth anniversary of **Sardar Vallabhbhai Patel** from **31 October 2016** to **6 November 2016**. The occasion provided us an opportunity to reaffirm the inherent strength and resilience of our nation to withstand the actual and potential threats to the unity, integrity and security of the country. It had an amazing response from students.

Apart from this, VESLit was also instrumental in preparing the students for the Declamation Contest conducted by National Maharashtra Education Summit & Awards 2016 on 4th November 2016 at Kalina Campus , University of Mumbai.

The faculties involved in VESLit are Mrs. Geeta Ajit, Mrs. Pooja Kundu and Dr. Sushil Dhuldhar. Each of the activities held by VESLit have an overwhelming response from students. This has now become a platform for various students to practice, improve and sharpen their art of speaking and discourse.

VESLit WEEK

A literary carnival by VESLit team brought about a plethora of events to the delight of all literature lovers'. It was held from 30 January to 3 February 2017. The following events were held during the week:

Video editing workshop
On the first day of the VESLit week, the film department of VESLit, Cinephila, headed by Harsh Bhatia organized a Video Editing workshop on Adobe Primer Pro.

Photoweave & Poetry

If a picture paints a thousand words,then let a picture inspire a thousand words. A story writing competition which let participants weave a series of images into an intriguing story, was conducted by The Readers' Paradise team. Along with Photoweave,VESLit held Poetry Writing Contest,which let participants showcase their poetic talent using an impromptu theme.

WINNERS OF PLAY -OFFs WITH JUDGES

Twisters

The art of hopping across words on a crossword using a pen might be boring, but try doing the same on a giant board as you and your friends stretch your limbs across a board to reach the desired answer and face another team. Questions were based on the T.V series Friends and Game of Thrones. Each team comprised of four members.

VESLit PLAY-Offs

This was the grand finale of the VESLit week. With drama being one of the most beautiful expressions of literature, VESLIT had an inter class drama competition for its finale celebrations. Bringing together the finest

content and explicit portrayal, the teams brought to the stage, depictions on the theme 'Redefining boundaries'. We as humans, at every point of time; function by a set of rules and boundaries; preordained and determined by the bygone culture and society. It's never a smooth ride as we clash and struggle to move forward and evolve. In the process we redefine the boundaries set by our predecessors. It might be the boundaries of time, culture, technology or the ever-bridging chasm called Generation gap. But by it, we set in new ideas, decisions and opinions with in turn give way to new concepts, beliefs and thoughts. With the above theme, we hoped to address most relevant issues that mankind has come to meet in its perseverance to evolve beyond imagination itself and also to present a platform for the young minds to nurture their talents.

While the eliminations for the Play-Offs were held on 21 and 23 January 2017 the final round was held on 3 February 2017. Experts from Tata Institute of Social Sciences (TISS); Mr Tanmay Nayak, Head of, 'The National University Students' Skill Development Programme (NUSSD) and Mr. K. Purandaran, Program Manager at NUSSD were the judges for the event. While D4A emerged as the winners, D10 followed as Runners-Up.

VESLit CIRCLE Team

"What we think, we become."

- Buddha

VESIT Connect

Conceived in September 2015, VESIT Connect was started with an aim of keeping us connected as a college community. The newsletter, written by students and staff, captures all the events, accolades and happenings in the college. VESIT Connect is a monthly publication headed by Prof. Geeta Ajit and Prof. Priya R.L. The newsletter team of 25 odd members is divided into two parts- the editorial team and the design team.

A first of its kind in VESIT, this online monthly newsletter completed one year this October since its first publication in October 2015. Some of the recurring columns are Musings and Expressions- a platform for VESITians to showcase their creative bends in the form of articles, poems and photographs. VESIT Diaries features candid interviews with our Alumni that gives students and faculty an opportunity to connect with them. StudentSpeak, a new column started this year, invites VESITians to express their thoughts about select topics each month. The newsletter also features articles about the activities and events conducted by various societies and councils in the college.

VESIT Connect has gained immense popularity over its one year of existence. Today, the newsletter is sought out not just by the students and faculty but also by the VESIT alumni. To keep up with the increased responsibility, the team regularly recruits new members to share the workload and to help carry the torch forward in the coming years. The contributions and lingering support from our readers motivates us to continue our perseverance month after month, all through the year.

-L. Sowmyasree

VESITConnect Team

VESIT Renaissance Cell (VRC)

Mission:
Suggest and Implement Innovative schemes to afflux VESIT for achieving academic excellence.

Objectives:
1 . To enhance VESIT goodwill
2 . To enhance skill
3 . To create knowledge sharing facilities
4 . To promote innovation
5 . To increase use of technology in teaching learning process

VESIT In-charges:
- Prof. Abhijit Shete
- Prof. Abhishek Chaudhari
- Prof. Amit Singh
- Prof. Amudha Senthilkumar
- Prof. Anjali Yeole
- Prof. Indira Bhattachariya
- Prof. Keya Doshi
- Prof. Manisha Gahirwal
- Prof. Monali Chaudhary
- Prof. Mrugendra Vasmatkar
- Prof. Rohini Temkar

EVENTS:

Aarohan:
Date: 4th July 2016 to 9th July 2016
Organizers:
Day 1: Capability Building,Mahindra & Mahindra Auto & Farm Sector
Day 2: Emotional Intelligence Firm
Day 3: Integre Advisory Group
Day 4: Ami Yoga Solutions Private Limited
Day 5: External Expert
A team building workshop was conducted on the first and second day, sponsored by Mahindra and Mahindra. Day two had a session on Multiple Intelligence by Mr. Y. Dattatreya, Leadership Consultant.The third day was dedicated to Health : Risk Management and Body Check Up. It also included a talk on "Health is Wealth" by Dr. Nair, a very renowned Orthopedic Surgeon from Zen Hospital. He spoke on prevention of Osteoarthritis & Osteoporosis. On the last day we had a session on "Office Yoga", where faculty members were told how they could practice yoga while in college. The afternoon session comprised of a discussion on Autonomy. Aarohan was definitely a great success, benefitting all faculty members.

Smart India Hackathon:
Organizers: Ministry of HRD, All India Council for Technical Education (AICTE)
The VRC along with Vice Principal of VESIT conducted college level eliminations for the Smart India Hackathon on 18 January 2017, where participants were eliminated based on their project presentation. The Single Point of Contact(SPOC) from VESIT for this event was Mrs. Manisha Gahirwal. Two groups were selected to represent our college at the Grand finale of Smart India Hackathon:

DEPARTMENT	MINISTRY	PROJECT NAME	TEAM NAME
MCA	AICTE	Uniportal	HexAxle
INFT	UGC	Socio Technical Mapping	ISSD

VESIT Renaissance Cell

Sports Council

Staff incharge: Prof. Yogesh Pandit

Prof. Shivkumar Goel

Prof. Kajal Jewani

Secretary: Vinay Nair

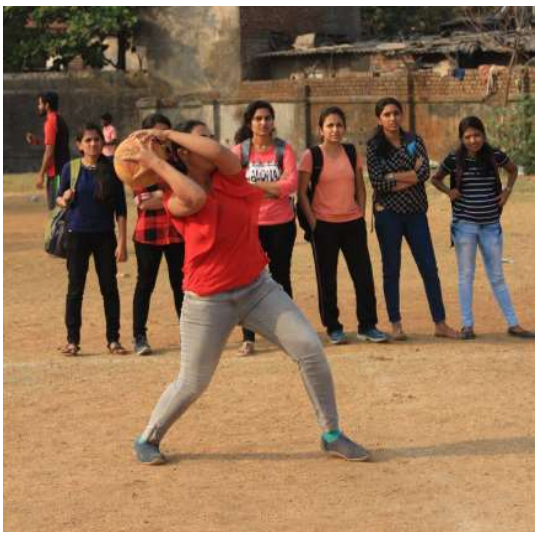
Events:

1.INDOOR SPHURTI 2016:

The first event that the sports council for the year 2016-2017 had to host was The Indoor Sphurti which commenced on 3rd August. It had 24 classes from SE, TE, BE and MCA participating in Chess, Table Tennis, Carom, Darts and Box Cricket under two categories, team and indies.

2.OUTDOOR SPHURTI 2017:

The Outdoor Sphurti started on 7th Jan and had the FE's participating for their first time along with the senior years. With events like Football, Volleyball, Throwball, Dodgeball, Basketball, Cricket and Kabaddi along with Athletics the enthusiasm among students was at it's peak.



Outdoor Sphurti

3. VPL

VESIT's premier football tournament, the VESIT Premier League returned with its fourth season this academic year. The league comprises of eight teams, divided into two groups and is played in the League and Knockout fashion. The captains are chosen from amongst a group of prominent footballers of the third year, while the second year students fill out the vice-captain spots. The captains actually 'buy' their teams from amongst the set of more than 200 registered players.

The final was contested between Reds and Blues, with Reds winning 2-1.

VPL 2016

4. VCL

VESIT Cricket League returned this academic year with its third instalment. The league comprised of eight teams and all captains, were from the third year. The captains initially battled it out in a scintillating auction round. The teams were named after iconic cricketers. The finals came down to Teams Sachin and AB De Velliers, with Team Sachin easily chasing the 66 run target set for them by Team ABD.

The VESIT Entrepreneurship Cell

Staff incharge: Prof. N. Gopalkrishnan

Secretary: Tejveer Singh Goraya

Chairperson : Prof. Asha Bharambe

LIST OF EVENTS:

1.Bookswap:
Date: August 26,27 and 29, 2016

After receiving an overwhelming response from students in the year 2015-16, The VESIT Entrepreneurship Cell decided to have one of their most successful events "Bookswap '16"(Odd Sem) under the guidance of oir Honourable Principal Dr. Jayalakshmi Nair, Honourable Vice Principal Dr. M. Vijayalakshmi and supporting faculty, Mrs. Asha Bharambhe and Mr. N. Gopalakrishnan.

It focused on buying old study material from students in SE at 60% of the MRP and selling them to the FEs at 60% of MRP. On August 27 and 28, books were bought from SEs and on August 29 they were sold to the FEs. The response received had increased considerably since the previous year resulting in the sale of almost 200 books to the FEs. The college management helped us with necessary requirements. The books were kept in Lab 207(as storage space) for three days.

With perfect coordination among the tVEC representatives and support from the college management, Bookswap'16 turned out to be a huge success and is foresighted to expand it among SEs, TEs and BEs as well in the coming years.

2. Global Village:
Date: 13 September 2016

After the midterm break, tVEC came up with its second event . On 13th of September, tVEC organized GLOBAL VILLAGE in association with AIESEC. 'Global Village' was a celebration of different cultures around the globe. This novel event was supervised by the faculty advisors Mrs.Asha Bharambe and Mr. N.Gopalkrishnan.

Global Village provided a platform for a healthy interaction amongst students from different parts of the world. Here students from China, Iraq, Germany, Poland, Egypt, Luxembourg communicated with the VESITians. They spoke about their country; food and costume. The traditions, work ethics, history, present political scenario were all briefly explained by the student representatives of each country. Then a brief one to one interactive session was held wherein the queries of students of our college were entertained. The students planning for their MS were highly benefitted from it. Many students also registered to represent India internationally through AIESEC.

The event was concluded at around 4:30 with a final adieu to all our foreign friends. Small tokens representing each country were exchanged and a photo of the representatives, the tVEC council and the AIESEC body was taken. The Global Village was definitely one of its kind event which fostered international tolerance, harmony and brotherhood. From the enthusiasm and response shown by everyone it can be safely said that 'Global Village' was a grand success

3.Bookswap 2:
Date: 13 February 2017

On the suggestion of our principal, Dr. Jayalakshmi Nair, The VESIT Entrepreneurship Cell launched its very first activity of the even sem– BOOKSWAP on 13th Jan 2017. With the support of the faculty advisors, Mrs. Asha Bharambe and Mr. N Gopalakrishnan, the activity turned out to be a success. Bookswap was primarily focused on FEs wherein the FEs purchased the books from their seniors. There was satisfactory participation from the SEs, TEs and BEs as well.
In all the transaction of around 180 books was done. The books were bought and sold at 60% of the MRP. The college management was very supportive in providing all the necessary resources. Room no. 507 was allocated for the storage of books for 3 days.
Bookswap helped the sellers sell their books at the best price and without any fuss and the buyers to get the books tried and tested by their seniors with high value for money.

4.Panel discussion:
Date:30 January 2017

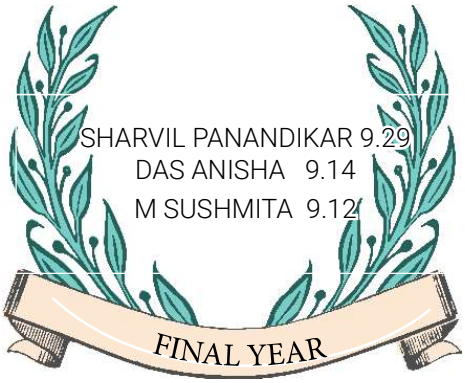
On 30th January 2017, tVEC held its second event of the semester, the Panel Discussion. It was organized in the auditorium at 2:45pm. The topic for discussion was start-ups and entrepreneurship.
The elite panel was, Mr Anil Thomas, an eminent speaker in the field of human development. Being an experienced professional he has coached more than 8600 students across Mumbai over the last 17 years. Also, they had Mr Steven Enamakel, CEO of The Big Indian start-up which creates content for start-ups in India and makes them sound convincing. Along with them, there was Ms Deepika Singh, Co-founder at Appave, currently working at IBM Start-up Platform who had recently ventured into the Facebook App Development scenario; encouraging young ambitious women to carve a niche for themselves in the business world.

tVEC PANEL DISCUSSION

All the panellists shared their personal experience about their start-up journey and their secret to success. They also gave priceless advice and tips on every aspect of entrepreneurship right from selecting the team to expanding your venture. Then a series of questions were asked by the audience. The panellists cleared all their ambiguities and queries. The event definitely inspired and encouraged the students to get their own ideas working.

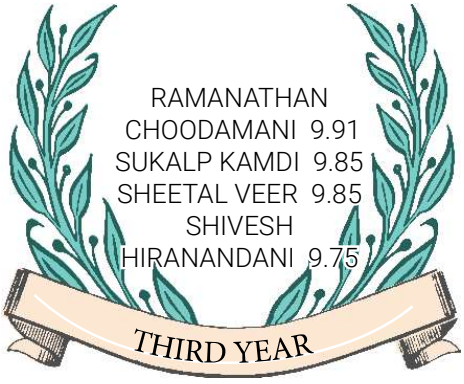
WALL OF FAME

DEPARTMENT OF ELECTRONICS

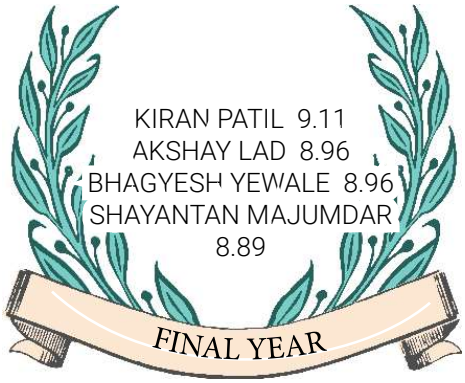


DEPARTMENT OF COMPUTER

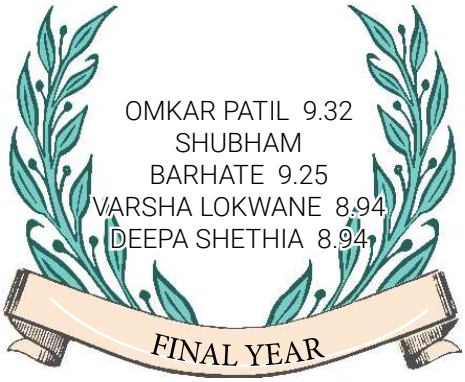
DEPARTMENT OF ELECTRONICS & TELECOMMUNICATION

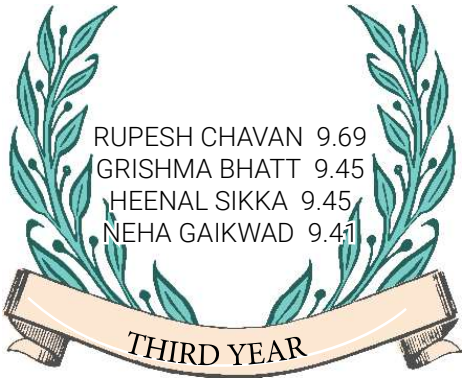


DEPARTMENT OF INSTRUMENTATION

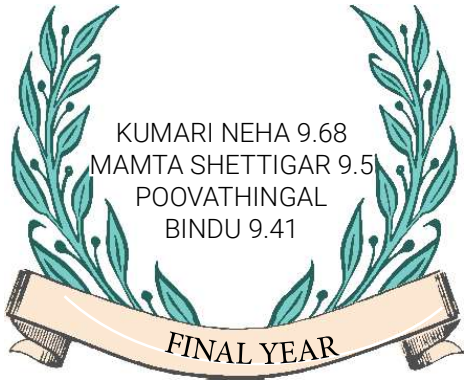


DEPARTMENT OF INFORMATION TECHNOLOGY





MASTER OF COMPUTER APPLICATION



FIRST YEAR ENGINEERING

CLASS COUNCIL

Class	Class Representative	Cultural In-Charge	Sports In-Charge
D1A	Anurag Mishra Vinita Chanchlani	Abhik Mirdha Dipti Suryavanshi	Shantanu Suryavanshi Shivani Yadav
D1B	Vindhya Ranpise Riddhi Bhai	Nishant S Sulgudle Devyani Pawar	Adutya Kinare Priya Singh
D2A	Nilesh Nenwani Ketaki bawa	Akash Narang Uishakha Vidhani	Rushikesh Salve Snruti Ksher Sagar
D2B	Mitesh Goplani Pranjali Tembhurnikar	Raj Mendon Amruta Parab	Pushkar Patil Muskan Raisinghani
D2C	Ashish Sukhani Vinita Bhatija	Somesh Sidhwani Mehak Katra	Raghav Heda Riya Mendon
D3	Raj Anchan Isha Gajjar	Abhinav Nandoo Medha Tripathi	Mayuresh Shelar Vishakha Marathe
D4A	Parikshit Chopra Simran Ahuja	Rakshit Ganvir Anahita Goswami	Rohit Doraiswamy Manasvini K
D4B	Ashwin Kawana Ishika Mattani	Prithvi Halder Mrinmayee Degaonkar	Vishal Laungali Anushka Chauhan
D5	Himanshu Chandrani Rakha Gupta	Sumit Rohra Juyee Sabade	Moksh Manchandani Riya Agarwal
D6A	Shubham Mali Sudipta Dinda	Mahesh Kulkarni Sanika Kadam	Lakshyajit Patra Rhuta Patki
D6B	Prathamesh Wagh Soumya Chinthalapudi	Neeil Jain Riya Maheshwari	Shivraj Koli Prajakta Karandikar
D7A	Umesh Ramchandani Shivani Singh	Adarsh Shetty Mukta Chandnani	Kunal Ghorpade Sharayu Patil
D7B	Sanjay Udasi Harsha Tolani	Mohit Bhatia Akshaya Patil	Madhresh Pandey Deepa Narayanan
D7C	Manohar Jethani Gayatri Ganpate	Rahul Soshte N Sai Sirisha	Piyush Mangtani Gayatri Shinde
D8	Kabir Sachdev Swarna Shenoy	Abhishek U. Kamble T. Sai Sneha	Utkarsh Pathak Sujata Pradhan
D9A	Akshay Ghule Namrata Dialani	Pavan Borole Shivani Chaudhari	Abhishek Belgankar Gouri Cheke
D9B	Amogh Rane Riddhi Sanghani	Shubham Safaya Garima Bhardwaj	Shriraj Tupe Neha Pote
D9C	Abhed Mhatre Ritika Koli	Sagar Karmarkar Gauri Jadhav	Mandar Sawant Ruchita Bhatade
D10	Murlidhar Sharma Bhavika Shahani	Vipul Kithani Jenika Dhawan	Harsh Jain Anuja Chordiya
D11A	Pratik Narkhede Isha Sawant	Shardul Malvankar Mansi Patole	Saurabh Kurhe Sanhita Bhagwat
D11B	Sunny Gawas Falguni Pawar	Danish Patel Manasi Mistry	Nikhil Ramgiri Akanksha Toley
D12A	Vinayak Sharma Shruti Zade	Baljitsingh Chadha Padmaja Kolle	Romit Bonkar Rachita Fatehpuria
D12B	Neeraj Jethnani Juhi Bhagtani	Sashwin Adnani Juilee Kulkarni	Vinay Nair Sachee Nene

Music In-Charge	SoRT In-Charge	E-Cell In-Charge
Himanshu Jahagirdar Karishma Wani	Vighnesh Joshi Vidhi Barve	Bhargav Deshpande Srujana Kotur
Ketan Deshmukh Swastika Mazoomdar	Aditya Bhujade Janvi Vora	Rutwik Hebalkar Aishwarya Kale
Varun Jethanandani Trupti Kamat	Chinmay Mahale Bhavika Valecha	Devang Liya Ariscia Mendes
Sujoy Mitra Puja Mahtani	Sumit Manwani Richa Jaisinghani	Chinmay Patil Chawla Kajol
Sandeep C Shenoy Karishma Chichria	Bhavesh Khubnani Meenakshi Agarwal	Gaurav Jethwani Shreya Patil
Rahul Bansod Sonali Gaitonde	Prajwal More Mahima Znamrani	Saurav Vijendran
Parth Bhavthankar Achanta Meghana	Rahul Mardia Neha Singh	Sanchit Agarwala Shivani Gole
S Raahul Aruna Shajuk	Rushabh Vora Sakshi Bajaj	Harsh Jawale Garima Dwinvedi
Kapil Kriplani Sana Ansari	V Anirudh Deeksha Shetty	Walsh Ruchika Motwani
Sai Prahladh Mugdha Sonwane	Varad Tole Anuja Kumtekar	Dhaval Potdar Anuja Merwade
Rohit Kane Manali Jambavalikar	Pratik Warke Radhika Angolkar	Shaunak Athalye Sanika Pathare
Sharayu Patil Sakshi Subedi	Saurabh Khatri Nitya Shetty	Bhavik Jain Reshma Sawlani
Anirudh Roy Dhanashree Asai	Rushikesh Gawande Yogita Balani	Atharva Purandare Mitali Ochani
Vignesh Subramaniyam Vedika Patange	Tushar Parwani Neha Prabhavlkar	Dey Samujjwaal Tarasha Agaraval
Rohit Singh Mansi Deshpande	Shivam Mahadeshwar Utkarsha Chaudhari	Ankit Gone Maurya Sangeeta
Nishant More Sakshi Potdar	Bhavesh Miharchandani Tanmayee Bangera	Deep Bhattacharjee Janhavi Parte
Jigesh Maurya Vaidehi Joshi	Siddhesh Chaudhari Tejal Nanaware	Sarvesh Patil Kavya Parag
Sanskruti Kanade	Aditya Kadam Samruddhi Manjrekar	Parth Shah Namrata Sonawane
Kaushal Bhogale Neha Baranwal	Saish Mohare Shreya Jangale	Sagar Ahuja Ishita Bhatnagar
Viraj Bapat Mayuri Gurav	Kapil Paliwal Poorva Gupta	Murtaza Baj Harini Iyer
Aaditya Kulkarni Chaya Patil	Kaustubh Dhake Rutuja Pate	Tejveer Goraya Shailee Shanware
Ronit Dhonde Manjiri Bhat	Mihir Joshi Aditi Sawant	Yash Chetnani Monal Daswani
Pavan Chhatpar Anshul Agarwal	Sumeet Shahani Aishwarya Chandak	Akash Patil Madhu Raut

CLASS COUNCIL

Class	Class Representative	Cultural In-Charge	Sports In-Charge
D12C	Pratik Talreja Riya Bhavnani	Shashank Agnihotri Deesha Ramchandani	Harshal Talreja Swastika Thakur
D13	Kunaal Sidhwani Simran Kaur Dhaliwal	Pranit Kotgire Madhura Nikale	Bilal Syed Ishita Kekare
D14A	Malvika Dagdu Pragati Tripathi	Ayush Shambhuwani Rhea Choudhary	Mohit Chauhan Soumya K.
D14B	Yash Saraf Sudeshna Maiti	Ganesh Godamgave Ashwini Vedula	Saurabh Gulhane Parika Rawat
D14C	Rajiv Yadav Anudyana Jaiswal	Mohit Tembe Yashashree	Pavan Yadav Shraddha Bhor
D15	Pawan Tilwani Anjali Jaisinghani	Neeraj Harjani Rashmi Chhabria	Aditya Gavane Ankita Dharne
D16A	Karan Ramdas Tamanna Rupani	Jay Anjankar Rachna Mohanty	Palash Pandey Apurva Kohale
D16B	Fernandes Mervyn Ashita Jagasia	Mayank Harwani Pankaja Pawar	Etish Talreja Shriya Sharma
D17A	Dhiren Chandnani Pooja Gogia	Vickey Melwani Manasi Karale	Ruturaj R. Nene Nikita Thakur
D17B	Ajinkya Gutti Ajinkya Gutti	Sunny Ramrakhiani Prarthita Das	Jitesh Bhatia Purvi Udhwani
D17C	Santosh Hazari Aishwarya Danoji	Jayesh Mandhyani Neetal Chaudhari	Neeraj Pal Priya Puranik
D18	Suraj Achra Videesh Pursnani	Vidula Sawant Shreejay Avankar	Nikhil More Harsh Mistry
D19A	Sukalp Kamdi Manali M.	Avishkar Chawla Arundhati C.	Gaurav Duseja Mrunmayee J.
D19B	Sanket Agrawal Chetna Dewani	Akshay Ahuja Anuja Wagh	Chinmay Pednekar Shriya Soman
D19C	Niraj Porecha Namrata Mehta	Dipen Gandhi Priyanka Patil	Bhavesh Singh Tanvi Deshmukh
D20	Dinesh Rajpal Vyjayanthi Kamath	Ravjot Tuteja Kriti Heda	Ashok Bhagia Shilpa Sharma
MCA1A	Kapil Trivedi Gauri Surve	Siddesh Chile Anjali Nauriyal	Shailesh Bhure Vishaka Parekh
MCA1B	Swastik Sharma Mugda Dharne	Jay Jethva Nikita Patil	Chandan Gupta Pooja Shetty
MCA2A	Vineeth Pillai Neha Menon	Akash Sarfare Pooja Anoj	Ashutosh Deshmukh Lorriane Dzouza
MCA2B	Sunil Sahu Aradhana Gupta	Ankit Ayyer Bhavana Malviya	Vijay Singh Sushmita Sharan
MCA3A	Hitesh Patil Yashoda Bhat	Sachin Yadav Heena Sayyed	Rohan Jathanna Vinaya Poojari
MCA3B	Achilleus Almeida Sanchita Patil	Prateek Bhist Ceena Joseph	Mohan Yadav Kajal Chaurasiya

Music In-Charge	SoRT In-Charge	E-Cell In-Charge
Abhishek Mehta Aishwarya Aryamane	Niket Kanoongo Sejal Gianani	Tanmay Rauth Shraddha Bhinge
Pawan Bhatla Vidya Mehtre	Kaustubh Kulpe Anjana Manoj	Omkar Inamdar Swarda Dalvi
Aditya Bhanage Akshata Gupta	Kedar Deshpande Pooja Ahuja	Harshal Talele Supriya Suresh
Shantanu Deshpande Rakshita Parvatikar	Harsh Rochlani Yugandhara Sawant	Aneesh Gunda Naglaxmi Yerra
Tanmay Jagtap Sidhi Sawant	Abhishek Kulkarni Shweta Amodkar	Adesh Chavan Aroosa Ghole
Miten Solanki Arpita Ambavane	Laukik Gaikwad Deepa Turshani	Saurabh Tripathi Bhavana Khatwani
Shivkumar K. Apoorva Sundaresan	Amit Joshi Ruchi Vazirani	Arjun Bajpai Amarsha Srivastava
Sachin Palve Divya Upalekar	Jaydeep Lilaramani Chaitali Kulkarni	Jeffin Vilayel Vaishnavi Sambrekar
Aditya Wakade Kinjal Chavda	Virag Shah Heena Ramrakhyani	Amit Hinduja Shikha Soneji
Yogesh Makhija Raveena Chawla	Harishkandan S. Shruti Dhumale	Akshay Dudani Vinita Wadhwani
Dinesh Tolani Aishwarya Dhage	Sunil Bhatia Jaya Hinduja	Kunal Dulani Manisha Khanchandani
Rahul P Chinmayee K	Gaurav Bhide Rohit Kumbar	Vivek Chaubey Anuj Pandey
Ritesh Malaney Himadri P.	Nikhil Raghani Roshni Loya	Yuvraj S. Gunjan S.
Mayur Rohra Aaradhana Dhumal	Satish Talreja Arushi Goyal	Akshay Therani Vinita Shetty
Divesh Sharma Poonam Zanje	Sriram Narayan Zarana Matani	Yash Nasarpuri Shruti Iyer
Yash Udasi Charmi Valecha	Vikas Idnani Ilesha Garg	Sarang Akarte Sakshi Salokhe
Ajay Prajapati Anjali Dhalani	Pritam Mahajan Jyoti chauhan	Akhilesh Tripathi Disha Vaidya
Arun Revi Sayali Gade	Ashish Bhalerao Loveena Bansal	Prabhu Balakrishnan Priyanka Pawar
Bhaskar Talla Bhagyashree Rohra	Rupesh Dukhande Lalita Shinde	Sandesh Nambiar Shilpa Das
Kunal Someskar Isha Gondhalekar	Ayush Shukla Snehal Raut	Santosh Patkar Sabah Saikh
Kunal Kole Deepti Udyawar	Prabhanath Nair Prachi Kunte	Nihaal Mehta Snehal Johny
Sanket Samant Akanksha Tembye	Satish Kevat Sneha Velankar	Deepak Ranpise Renu Patil

Ansh

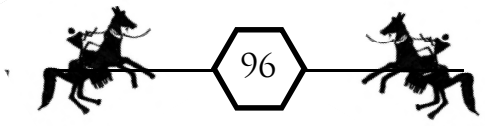
Diwali mein chupe hai ALI,
ramzaan mein base RAM,
khuda toh hai vahi,
bas badala hai toh sirf naam!
koi ALLAH ka naam liye haath khule chode,
koi RAM ka naam liye haath hai jude,
dekhta toh aasmaan ki aur hi hai,
phir kya ALLAH aur RAM base ek dosre mein hai!
pad le tu koi geeta ya koi puraan ,
ja kisi dargha ya pad le koi puran,
banaya toh usni ne tujhe isaan,
toh kyu bate khud ko aur hove pareshaan!
swarg kaho ya jannat,
mago koi dua ya koi mannat,
sir toh upar hi uthaoge,
kya apne khuda se sach chupa paoge!
baatni hai toh khushiya baat , dil nahi ,
Dena hai toh muskaan de,gum nahi,
ram japo ya allah,
krishan japo ya khuda,
banaya toh ussi hmko hai,
zinda hai hum par ansh ussi ke hai!!!

- Anushka Kashyap
Lab Assistant-401

Losers

Because everyone cannot win there are some losers too,
You may not know there might be a loser even inside you,
Because money never tells the whole story neither the marks tell,
For success can be only one win even after ninety nine fails,
Losers fail only to be the best for they haven't proved themselves enough,
Their failure never weakens them but only makes them tough,
And loser are not the ones who fails, but those who fail to try ,
Afraid of falling down they never jump for the sky,
And why to care for the world which does nothing but only grins at our loss,
And never praises our virtues but keep pointing at our flaws,
Important is to start a new again ,without caring of the wins,
Because trying is the real prize,that is what success actually means,
Because 'Failures are stepping stones to success' isn't just a saying and
When all doors seemed to be close God always keeps a window open·

- Siddhant S. Nashte
D1A



To Waiting

Should I, like the grandest of trees,
Shed all that's mine and in the winter freeze?
Freeze until my spring breeze returns,
And from fossil to flesh this tree it turns,
But how long shall I wait for my spring to ease?
Shall I, like the beached whale,
Just thrash and jump and flop and flail?
As the waves again carry me to sea,
Send me back to the place that's home to me,
But how long till the waves help me sail?
Shall I, like the sunflower at night,
Sit with a hung head, bereft of the bright?
Until the morning brings back the sun,
And wakes up my loved one,
But how long until I see her light?

- Ashok Bhagia
D20

कृष्ण-सखी

ती बोलते खूप काही,
मनातलं सगळ सांगत जाते...
तो तिचा साधेपणा अनुभवत राहतो,
आणि ती फक्त बोलण्यात वाहत जाते...

तो सारखा रुसत असतो,
हक्काने तिच्यावर रागवत राहतो...
आणि ती फक्त त्याच्या चेहऱ्यावरचे भाव,
कल्पनेत पाहत जाते...

पण कोणालाही ठाऊक नाही,
काय आहे नाते त्या दोघांमधले...
जसे नटखट कान्हा आणि सखी राधिकेमधले...

परिचित अनोळखी...

उगाच वाटते नेहमी,
परिचित असूनही अनोळखी तू...
एवढं मात्र ठाऊक आहे,
मला पुरेपूर ओळखतोस तू...

खूप वेळा विचार येतो,
तुला ओळखणं मला केव्हा जमणार आहे...
मग म्हणते राहुदेत,
या अनोळखीपणातच एक वेगळी मजा आहे...

- Swapnali Kank
D16-A

तू

चाहे जो तू वो पाने की कोशिश कर ले
दिल को ख्यालों के समंदर से बहार निकलने की कोशिश कर ले
आंसुओं को बचाकर उम्मीद जगा ले तू
जो होगया है उसे पीछे भुलादे तू
अपनी आँखे खोल और तू ये एहसास कर
मंजिल आगे है तू उस लिये प्रयास कर
कल उठने के लिए तुझे आज गिरना था
आगे बढ़ने के लिए ये सबक सीखना था
कुछ ऐसी बात है तुझ मे, जो कोई नही जानता है
दिल में वो जज्बा है जो कोई नही पहचानता है
सुन अपने दिल की बात, दुनिया की फिकर न कर
जो चाहिए वो पूछ ले, नाकार की फिकर न कर
इस बात को जान ले तू
पाना या खोना हसते स्वीकार ले तू
वजह तलाश न कर, समय के साथ आगे चल दे तू
हर इंसान की कुछ राह होती है
हर राह, अपने में अलग होती है
तू जो चाहेगा, उसी को पायेगा
जैसे चाहेगा वैसे तू जियेगा
दिल के रंगों में रहना तुझे कुरूर से
खुशी की लहरों में बहना तुझे जुनून से
सभी बातों के आगे, तुझे जीना सुकून से

- Meet Shah
D12C

Best things in life are free

How many times have we heard that celebrities and big shots of the world were high on drugs or alcohol? How many times have we heard that they committed suicide out of stress or depression? This propensity to leave reality just for a couple of hours or to end it all is not confined to the elite but it definitely prompts the question: If they have it all, then why do they wish to leave reality or forsake their one's own life? But then I wondered: Do they have it all? In a worldly perspective, they did have money, fame, luxurious lifestyle, fans, etc. Most of them were at the epitome of their success. But in the end of the day are these, the things that satisfy us or do we crave something completely different?

We definitely crave for something else that is, love, family, friendship, health, sleep, etc. Love is that feeling of bliss on seeing your special someone which cannot be bought with any amount of money. Love is the laughter that we share, the time we spend, the memories we make and the relationship that we build with a person who is very special in our life. Love, is trusting that special someone with all your secrets. Love, is knowing that even if the entire world turned against you, you have someone who will always support you and will always be there for you. This costs no money but sacrifice, care and patience.

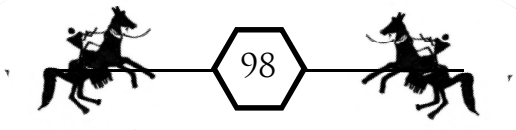
It's not just love that is free. The relationships we share with our friends and families are also free. Helen Keller said that "Walking with a friend in the dark is better than walking alone in the light." Indeed, it is our friends and family who make life worth living. They help us to reach the goals that we have set for ourselves. They give us the memories of happiness, laughter, smiles and hugs we yearn for. Such relationships cannot be bought. They can just be developed and strengthened with compassion, understanding, trustworthiness and loyalty.

In the end of the day, all the things that we desire are the simple things in life which ironically are free. I certainly hope that one of these days, people escape the delusion that wealth and fame are the keys to joy and satisfaction in life. I hope it dawns on people soon, that all you need for happiness in life is loving friends, family. The beauty of life lies in the fact that the best things in life are free!

- Benita Jeyakumar
D17A

" To succeed in your mission, you must have single minded devotion to your goal. "

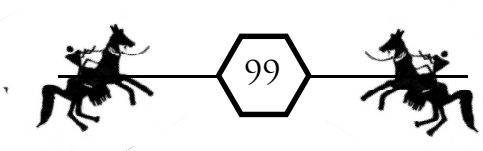
- Dr. A. P. J. Abdul Kalam



The India we want

From an oppressed British colony to an emerging superpower, India has witnessed an unrivalled progress during these seven decades. From being a welfare state and adhering to the socialist principles to a great extent this nation moved forward on the path of progress and development and gradually matched itself to the high global standards and embraced capitalism equally gracefully. It eventually opened its doors through globalisation, struck down the licence raj through liberalisation and nurtured a competitive spirit through privatisation. The past two and a half decades have been very important for India in the realms of socio-economic and political development. With the advent of internet, the IT sector boomed and so did the service sector. India largely capitalised on this opportunity. With nearly 65 percent of the GDP coming from this tertiary sector is the infallible proof for the same. Any country's true might lies in the happiness and satisfaction of its citizens. More a liberal society more is the growth. Unreasonable restrictions suck out the will to progress and contribute. Over the decades, India has grown economically but it still struggles to break various orthodox and parochial social dogmas that hinder the smooth transition into a fully grown developed nation. India still finds itself tightly gripped into the shackles of caste system. Every fortnight a protest rises claiming reservation. This sometimes bemuses me as to whether Indians are being escapist trying to find a leeway to save them from doing their reasonable part? It is very upsetting to see the crime rates going up, especially the crimes against women. This great land which has revered women and at times even kept them above the men throughout the course of history witnessing the act of groping and molestation in wide open is truly disheartening and shameful. Bigotry is the thing of west which has penetrated the generous and welcoming Indian society so easily that it has blinded the people to such an extent that family feuds erupt over petty politics. The superficial wave of nationalism has truly distorted the pure emotion of patriotism. For the sake of publicity or for some other similar trivial reasons, a leader is born every now and then claiming to be a messiah and the true national who can alleviate all the hardships of a particular community. This narrow minded attitude where a community is being placed before the nation is alarming and at the same point dismaying. Criticism is at the centre stage. Alternatives or solutions but sadly seem to be a thing of unforeseeable future. Dialogue is necessary for democracy to sustain but meaningless diatribes do not serve the purpose. Emotions should not overrun reasons and when that happens as is the case now in India, it's time to pause and introspect and then make a informed decision to march towards a secured future. The golden sparrow as once it was known had lost its glory for sometime but now the time has come to reclaim that title and this would be possible if we retrospect and tap the potential in a right manner and show some constraint, diligence and dignity and also promote fraternity and brotherhood and finally agree to disagree. It's time to recount the great battles this land fought, to revere the great saints it produced and to reminisce the groundbreaking victories it achieved. Revivalism along with reforms can help this great nation achieve greater zeniths. The India we want is the one that respects everyone, expects everything and delivers every time not just in numbers but also on its promises to its citizens and counterparts alike.

- Salil Shahane
D17A



God could not be everywhere so he created Mother

The moment a child is born, the mother is also born. She never existed before. The woman existed, but the mother, never. A mother is something absolutely new.

"God couldn't be everywhere therefore He made mothers"
- Rudyard Kipling '

Mothers are angels in disguise sent from heaven to watch and help us through our troublesome times. They show their love in a million different ways every day. A mother is someone who can take place of all others but whose place no one can take in this universe. She is someone who holds our hand just for a short while but one who holds our heart forever. She is someone who loves us unconditionally more than her life itself. She has many defining traits, unconditional love and support and being a good role model. She is someone who gave us life, who knows us inside and out, the saviour, the only person in this world who can do anything for us. Mother is our true friend and a person who loves us without any expectation.

No matter how much we hurt and irritate our mothers, she still love us. She accept us for who we are even though we aren't necessarily the best person we could be. She is someone who would run a thousand miles just to get what we want. The reason why I believe in love at first sight is because I love my mother ever since I opened my eyes. Her heart is like a rare jewel. And it is full of love. Her love is the greatest love in the world, unconditional, sacrificial and priceless. She is our closest friend.

A mother is the sweetest woman, an angel from heaven, most revered, honoured and respected on earth. She is the font and spring of our life, our consolation in sorrow, our hope in misery and our strength in weakness. No language can ever express the power, beauty, heroism and majesty of a mother's love which does not shrink where the man cowers but grows stronger where man faints and over the wastes of worldly fortune sends the radiance of its quenchless fidelity like a star in heaven. And here goes a short story, and this story is told of a mother's priceless love.

Once a little boy came up to his mother in the kitchen one evening while she was fixing supper, and handed her a piece of paper that he had been writing on. After his mom dried her hands in an apron, she read it, and this is what it said:-
"For cutting the grass: Rs. 5
For cleaning up my room this week: Rs. 5
For gong to the store for you: Rs. 5
Taking care of my little brother while you went shopping: Rs. 25
Taking out the garbage: Rs. 5
For getting a good report card: Rs. 10
For cleaning up and raking the yard: Rs. 10
Total owed: Rs. 65

Well, his mother looked at him standing there, and the boy could see the memories flashing

through her mind. She picked up the pen, turned over the paper he'd written on, and this is what she wrote:-
For nine months I carried you while you were growing inside me: No charge
For all the nights that I've sat up with you, doctored and prayed for you; No charge
For all the trying times, and all the tears that you've caused throughout the years: No charge
For all nights that were filled with dread and for the worries I knew were ahead: No charge
For the toys, food, clothes, and even wiping your nose: No charge
Son, when you add it up, the cost of my love is: NO CHARGE

When the boy finished reading what his mother had written, tears filled his eyes, and he looked straight at his mother and said, 'Mom, I sure do love you.' And then took the pen and in great big letters he wrote: PAID IN FULL"

And this story clearly tells us how much our mother loves us and shows the boundless and priceless love given out from her heart full of love. Her love is greater than the ocean, the universe and nothing can replace it.

And the reason why in most love stories we find that mother agrees but father don't, is because mother knows what love is, but most fathers know only what life is. Mothers at all times shouldn't be neglected and ill-treated. They are to be honoured, respected, cared, treasured and loved.

I personally would like to request all the fathers not to let our mothers cry, because God counts her tears. Biblically speaking, a woman came out of a man's rib. And not from his feet to be walked on, neither from his head to be superior ever, but, from his side, to be equal, under the arms to be protected, next to the heart to be loved.

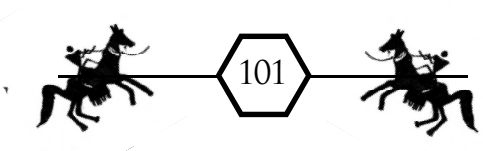
A Research says that a human body can bear only 45 dol (unit) of pain. But at the time of giving birth a mother feels up to 57 dol (unit) of pain which is similar to 20 bones getting fractured all at the same time. And I'm sharing this just to tell the extent to which a mother loves her child, suffering so much pain just to give us a beautiful and terrific life.

She is someone who went through an excruciating pain just to bring us to the world. Can you all imagine it now the mother's pain and love? Our mothers struggled for us. Cried over us, fought for us, put herself second for us and hoped the best for us but has never asked for anything in return all because mother's heart is full of love.

This article is a tribute to every mother for their boundless love, care and concern. It would be very challenging for you all mothers, at times when our behaviour seems horrid, we apologize for those times and we thank you so much for all the love, warm hugs and sweet tender kisses.

May God bless all the Mothers with good health of mind and body and long life so that they will be able receive the price of their love from us, their children. And a special thanks to my mom for raising me up to more than I can be.

- *Rohit Mungekar*
D9A



- Tamanna Rupani
D16A

- Atmadeep Sen
D16A

- Shruti Karangalekar
D6A

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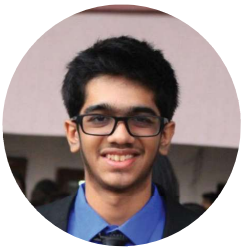

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