

## EXPERT COMMITTEE VISIT

### **NBA ACCREDITATION COMMITTEE:**

The National Board of Accreditation (NBA), India was initially established by AICTE (All India Council of Technical Education) under section 10(u) of AICTE act, in the year 1994, for periodic evaluations of technical institutions & programmes basis according to specified norms and standards as recommended by AICTE council.

NBA in its present form came into existence as an autonomous body with effect from 7th January 2010, with the objective of Assurance of Quality and Relevance of Education, especially of the programmes in professional and technical disciplines, i.e., Engineering and Technology, Management, Architecture, Pharmacy and Hospitality, through the mechanism of accreditation of programs offered by technical institutions.

NBA has introduced a new process, parameters and criteria for accreditation. These are in line with the best international practices and oriented to assess the outcomes of the programme.



**A team of ten experts from the NBA visited VESIT on 18, 19 and 20 March 2016 with Dr. Ansari from Jamia Millia Islamia as the Chairman. The other team members were Dr. Rajeev Tripathi, Professor, MNNIT, Allahabad, Dr. Sayeed Naseem Ahmed, Professor, Jamia Millia Islamia, Delhi, Dr. Sharma, Dr. Sumithra Devi, Principal, GSSS Institute of Engg. & Technology for Women, Dr. M. Umapathi, Professor, Dr. Vinod Kumar, Dr. Pramod Kumar Singhal, Professor, MITS Gwalior, Dr. R. K. Sharma, Associate Professor, NIT Kurukshetra, Dr. Babu Rao (Retired) and Dr. Sarmistha Neogy, Professor, Jadhavpur University,**

**National Board of Accreditation (NBA) has granted provisional accreditation for five undergraduate programs namely B.E.(Instrumentation), B.E.(Electronics), B.E.(Computer), B.E.(Electronics and Telecommunication) and B.E.(Information Technology) offered in VESIT for a period of two years effective from 1<sup>st</sup> July 2016.**

This accreditation certifies that the degree awarded by this institute meets the excellent standards in conformation with the criteria set by NBA.

Students studying in NBA accredited institutions can be assured that they will receive education which is balanced between high academic quality and professional relevance and that the needs of the corporate world are well integrated into programs activities and processes. It signifies that the student has entered the portals of an institution, which has the essential and desirable features of quality professional education.



### DTE Committee:

Visit of Inspection Committee of DTE for Regular Second Shift was held on **09.02.2016** where **Smt. V. J. Gadge, Electronics Engg., Government Polytechnic** and **Mr. R. U. Chavan, Mechanical Engg., Government Polytechnic** visited the Institute.



### Local Inquiry Committee of Mumbai University:

Visit of Local Inquiry Committee – Mumbai University for **continuation/extension of affiliation for B.E. Computer Engineering (Regular Second Shift) & B.E. Electronics & Telecommunication Engineering (Direct Second Year) (Regular Second Shift) & inspection in accordance with AICTE norms** was held on **11.05.2016** where **Prin. Dr. P.H. Sawant, SPIT, Prin. (Dr.) Pramod Pabrekar, Motilal Zhunzhunwala Arts, Commerce & Science College,** and **Dr. Rajesh Buktar, SPIT** visited the Institute.

## **INDUSTRY INSTITUTE INTERACTION**

### **AIA Campus Connect:**

Automation Industry Association (AIA) founded in 2004 is India's apex automation industry body, with over 50 high tech automation companies. The technologies they represent encompass electrical automation, mechanical automation, continuous and batch process automation, robotics, machine vision, assembly and material handling systems, sensors, controllers, actuators, communication devices, HMI, real-time software, simulation, training, and a host of interface and supporting sub-systems. AIA has pioneered the vendor-neutral approach in spreading knowledge and creating awareness on Global standards and practices.

AIA Campus Connect program runs in collaboration with chosen engineering institutions. The programme creates "Competency Development Centers" (CDC) which entail sustained engagement with students and academia for proliferation and promotion of contemporary and relevant education in Automation. The intent of AIA Campus Connect programme is to showcase this blended learning model's potential and ignite faculty and students with new conversations about Integrated Automation learning and relevance to career needs in Industry. The Industry Partners of AIA for the Campus Connect programme are Pepperl+Fuchs, Festo, B&R Automation, Siemens.

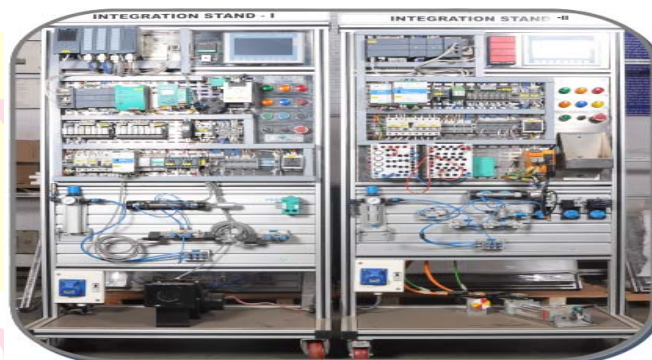
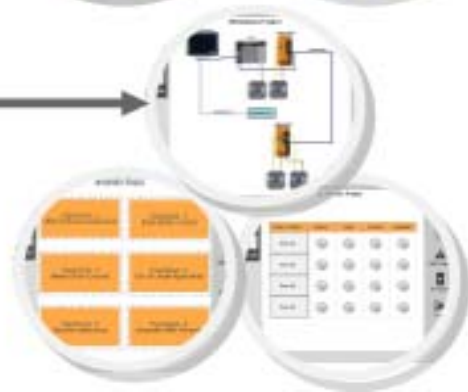
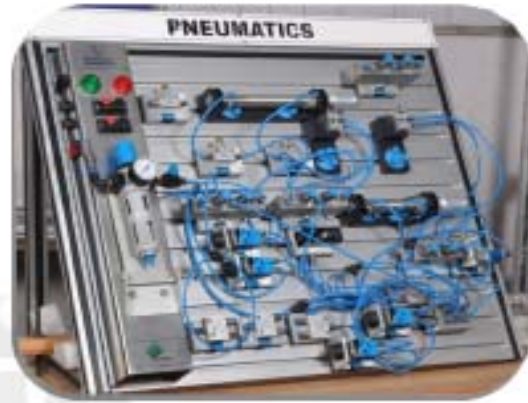
AIA has chosen V.E.S. Institute of Technology (V.E.S.I.T) as one of the institute for CDC where the courses and lab experiments under Integrated Automation will be developed so as to create capable engineers who can take charge immediately after joining industry. In that connection the interaction with V.E.S.I.T has started in Dec 2013. The knowledge and expertise available with faculty of V.E.S.I.T was appreciated by AIA and V.E.S.I.T was invited to join as the partner for formation of syllabus particularly related with transducers and signal processing including writing and editing the literature of CDC course.

To impart the formal education regarding various aspects of automation a course was conducted for faculty of participating colleges in Campus connect Programme at Ghaziabad in June, 2014. This course was aimed for faculties of Electronics, Mechanical, Electronic and Telecommunication, Instrumentation and Electrical Engineering. The objective of this programme was to familiarize with commercially available components of Industrial Automation Systems and communication between them, to finalize the contents of study material on Automation which was discussed at individual colleges and to develop better teaching methodology in the CDC.

The experts from AIA have further visited and interacted with the VESIT staff to discuss the purchase of additional automation equipments from Factory Automation aspect and their installation. The following kits have been procured by our institute to set up "Integrated Automation Lab" ---

- 1) Sensors
- 2) Pneumatics

- 3) Control and Visualisation
- 4) Motion Control
- 5) Integrated stand-I
- 6) Integrated stand-II



*The newly developed Integrated Automation Lab was inaugurated by Padmashri Dr. G.D. Yadav, Vice Chancellor, Institute of Chemical Technology, Mumbai on March 2<sup>nd</sup>, 2016*



Since 1962

## Institute Advisory Board (IAB)

This year the IAB met on 23<sup>rd</sup> January, 2016 and deliberated on the activities of institute.

The Advisory board members advised the Principal and the institute staff in the development and implementation of the Institute's Strategic Plan, annual activity plans and strategic initiative budget. The Board's focus is on research, policy and program issues and future plans.

IAB advised to start collecting information about the syllabus and functioning of other autonomous institutes and prepare the faculty for working in autonomy mode.

They also advised to participate in ranking survey which will help us to know where we stand in comparison to other institutes.



## CII –Tech Connect 2016

**CII TECHCONNECT 2016, which is a Institute Industry Interaction event conducted by Emerson Network Power in Collaboration with CII and ISA, at VESIT for Third year students of INST, ETRX and EXTC was conducted this year on 3rd March 2016.**

### Press Note :

Not merely relying on rote learning, students from different engineering streams should focus on smart thinking and creating innovative business models, was the united assertion of technical experts and industry stalwarts gathered at the CII Tech Connect initiative organized by Vivekanand Education Society's Institute of Technology (VESIT). The event, whose core

theme was CONNECT-COLLABORATE-CO CREATE, was organized in collaboration with Confederation of Indian Industry (CII) and The International Society of Automation (ISA).

Senior industry leaders Mr. Sunil Khanna – President & MD – Emerson Network Power, Mr. Vithal Magar – President - International Society of Automation Maharashtra Section, Mr. Neeraj Agarwal – Associate Director – Nuclear Power Corporation of India and Mr. K. Srinivasan – Chief Manager – Siemens Ltd. India guided engineered students who had gathered at the event with their valued thoughts and suggestions. The august assemblage of industry greats were unanimous in stating that in order to persevere in today's highly competitive environment and stride ahead, students need to inculcate a smart thinking approach through technical inventions and stress on innovation. Students need to become job creators rather than being mere job seekers.

The event laid credence to the 'Make in India' campaign which seeks to foster an entrepreneurial eco-system in the country through skilled-based training and development. The occasion was marked by participation of students in high end technical quizzes and generating ideas through team building activities. There were presentations on varied technical topics like cloud storage, fiber internet, social networking and digitization.



“Companies need to train the new engineers for the first 3-6 months once they are appointed. If corporates provide expose students to practical issues, they can better equip them to face emerging job challenges and help increase their learnings and save on critical overheads,” said Mr. Sunil Khanna, President and Managing Director, Emerson Network Power India.

Lauding the organization of the initiative, Mr Mahesh Tejwani, President, VES, said, “Such skill development initiatives would prepare the students for challenging future tasks. Besides, this would also boost the morale of the future engineers who form a crucial link in contributing to the success of 'Make in India'. Technology is changing fast and mere institutional learning would not suffice. Such industry-initiated programs can help bridge gaps between student aspirations and technical complexities in the corporate world.”





## LARSEN & TOUBRO TECHNICAL LECTURE SERIES

12/2/2016 and 13/2/16

- Function was inaugurated by Shri. Dinesh Tahiliani, Secretary, VES, Principal Dr.(Mrs.) Nair, Vice principal Dr.(Mrs.) Vijayalaxmi, Mrs. Hema Mote and Mrs. Raut from L & T.
- Followed by lectures on various topics like mobility, big data and cloud, IoT and Project Management.
- A competition on “**Smart Manufacturing Line: Use of IoT in manufacturing of MCCB**” for student teams each group comprising students from all branches.

**Friday: 12/02/2016**

Topic: **MOBILITY - Mandar Gadgil, Dy. Head - Delivery Mobility BU**

The overall enhancement in this field of mobility will help to create revenue streams, grow the market share and build a strong customer intimacy. OEMs (Original Equipment Manufacturers) take the following key points into consideration to improve the performance and expand the customer base:

1. Increase the data speed.
2. Lower the manufacturing cost and the retail price.
3. Increase the processor speed.

The three types of business processes- B2B(Business to business), B2C(Business to customer) and B2E(Business to Employee) is boosted by increasing operational efficiency and employee productivity. The following methods are followed for securing digital identity and user information:

1. Containerization
2. Application wrapping
3. Authentication.
4. Authorization.
5. Encryption.

*Since 1962*



Topic: **BIG DATA AND CLOUD**

The rapid development of the Internet and Cloud Computing has led to the explosive growth of complex data.

- Big data has a massive volume and variety of information with set of tools and computing services for detailed analysis of such complex data.
- Cloud computing is a viable, mainstream solution for data processing, storage and distribution.

Topic: **INTERNET OF THINGS - N.R. Rao, L&T**

The Internet of Things (IoT) is the network of physical buildings and other items which are embedded with electronics, software, sensors, and network connectivity, which enables these objects to collect and exchange data.

1. **SCADA** (supervisory control and data acquisition) is a system for remote monitoring and control that operates with coded signals over communication channels (using typically one communication channel per remote station).
2. The case studies included were- smart banking using beacon, smart supermarket etc. MOM - Manufacturing
3. Operations Management and MES - Manufacturing Execution System are used to Integrate business systems with the plant's control systems and is generally referred to as integration from the “shop floor to the top floor”.

**Saturday 13/02/2016**

Topic: **PROJECT MANAGEMENT- Tarun Jain, Deputy General Manager, Project Management , Land Systems**

Project is defined as a piece of planned work or an activity that is finished over a period of time and intended to.

The most important constraints of a project are as follows:

1. Scope Goal
2. Cost Goal
3. Time Goal

Project Management is defined as Project management is the application of processes, methods,

Knowledge, skills and experience to achieve the project objectives. Timely Project Completion and Quality Operation can be ensured by taking the following points into consideration:

1. Risk Management
2. Scope Management
3. Schedule and Time Management
4. Procurement Time Management
5. Cost Management
6. Quality Management
7. HR Management
8. Communication Management

To complete the software in a given time Gantt chart is prepared for the set of modules/activities to be performed. Critical activities are identified and a buffer time is set for the entire project.

Critical activities are the activities which cannot be delayed. If the critical activities are delayed the whole project is delayed. Therefore it is crucial to manage those activities.

**Topic: MCCB MANUFACTURING**

Smart MCCB is produced in L&T. Their process is automated. The MCCB is produced with a bar-code which generates the Auto GR (Automatic Good's Receipt). The Auto GR ensures that the MCCB goes through all the stages of production. The MCCB is tested three times to ensure the correct production. Type of the product (Type A, B, C) is checked by the scanner and the type of the MCCB is printed real-time and pasted on the MCCB.

**Topic: L&T SMART MANUFACTURING LINE COMPETITION USING IoT**

There were 12 teams each having 5 members from different department out of which 9 were selected for final presentation. The main idea was to implement and integrate the concepts that student had learned so far so as to improve the efficiency of MCCB production line. This idea was then presented using a 10mins long power point in front of esteemed jury members from L&T. Questions regarding the presentation were asked to each team. Finally top 3 teams were declared winners.

**Groups for competition**

Group No.	Name	Email ID	Branch	
1	Jay Anjankar	jay.anjankar@ves.ac.in	ETRX	Winner
	AmeY Bhadkamkar	amey.bhadkamkar@ves.ac.in	CMPN	
	Aishwarya Kulkarni	aishwarya.kulkarni@ves.ac.in	INST	
	Shivesh Hiranandani	shivesh.hiranandani@ves.ac.in	EXTC	
	Rajat Maurya	rajat.maurya@ves.ac.in	INFT	
2	Mugdha Dalvi	mugdha.dalvi@ves.ac.in	ETRX	1st Runner Up
	Chirag Dixit	chirag.dixit@ves.ac.in	CMPN	
	Paras Savla	paras.savla@ves.ac.in	INST	
	Ramanathan Choodamani	ramanathan.choodamani@ves.ac.in	EXTC	
	Meghna Peswani	meghna.peswani@ves.ac.in	INFT	
3	Bhavesh Singh	bhavesh.singh@ves.ac.in	ETRX	2nd Runner Up
	Abhishek Shahasane	abhishek.shahasane@ves.ac.in	CMPN	
	Kunal Jain	kunal.jain@ves.ac.in	INST	
	Akshay Tirani		EXTC	
	Grishma Bhatt	grishma.bhatt@ves.ac.in	INFT	

## **Training and Placement Cell**

### **Placement Enhancement Activities (by Companies) (FOR 2016 BATCH)**

1. L& T infotech Ltd: Recruitment Readiness session 12<sup>th</sup> August 2015 ( three session)
2. Accenture Career day and digitalization process workshop : 22 Aug 2015
3. General mills seminar for MCA internship one in Current semester and one on Jan 7<sup>th</sup> and 8<sup>th</sup> 2016
4. “What CEO expects from Fresh Graduates” session by Mr. Sunil Khanna. President & Managing Director Emerson Network Power (India) Private Limited, on 28<sup>th</sup> Aug 2015
5. Webinar session by Accenture.

### **Placement Enhancement Activities (By VESIT Dept / Training and Placement Cell) (FOR 2016 BATCH)**

- 1 Recruitment preparation workshop for during March / April 2015
- 2 Four Paper based aptitude test during March / April 2015
- 3 Online aptitude test ( MOCK TEST) / Dry run 4<sup>th</sup> Sept / 11 Sept 2015

### **Placement Enhancement Activities (By VESIT Dept. / Training and Placement Cell) (FOR 2017 BATCH)**

1. Recruitment preparation session for current second and third year during August 1<sup>st</sup>, 4<sup>th</sup> & 11<sup>th</sup>, 2015
2. Finishing school / It for Non IT branches for current third year students during first week of College for even semester ( Jan 4 to Jan 9, 2016)
3. Recruitment preparation session / workshop for third year students before 26<sup>th</sup> Jan 2016
4. Technical test after finishing school and at end of semester
- 4 Programming skill test after the training
- 5 Four Paper based aptitude test during March 2016
- 6 One aptitude test and one programming skill test (ONLINE) at the end of semester

## **Off campus / Pooled campus through VESIT**

### **2015 batch :**

1. Yodlee (2); sal: 5.7 Lakhs
2. Pragmatrix (9); sal: 3.5 lakhs
3. Trampoline (2); sal: 3.8 lakhs
4. Mobicole(2); sal: 2.4 Lakhs
5. Bombil Media (1); sal: 3.02 Lakhs
6. Just Dial (1); Sal : 2.8 Lakhs
7. Ugam Solutions (1); sal: 2.4 Lakhs
8. Turtle node (1); sal: 2.0 Lakhs
9. TIME (3); sal: 3.25 Lakhs
10. Tata Power (1); sal: 5.1 Lakhs
11. Polycab (2); sal: 2.4 Lakhs
12. Logixal (1); sal: 2.5 Lakhs

## **Off campus / Pooled campus through VESIT**

### **2016 Batch As on 7<sup>th</sup> Dec 2015**

1. Atos Origin 19<sup>th</sup> Dec at SAKCOE; Sal: 3.1 Lakhs

V.E.S.

*Since 1962*

## ALUMNI MEET

The Alumni meet was conducted on 10<sup>th</sup> January 2016 in the Amphitheatre at 7:00 PM.

The event started off with inspiring words by our Principal. The distinguished Alumni Award was presented to Mr. Kuntal Joisher, Mr. Satyen Kothari and Mr. Saurabh Nanavati. Mr. Kuntal Joisher (Computer Science-2002) has attempted to climb the Mt. Everest and he is planning to do the summit soon. Mr. Satyen Kothari (Computer Science-1991) is the Managing Director at Citrus Pay and Mr. Saurabh nanavati (Electronics-1991) is the CEO of Religare Invesco.

Kuntal Joisher posted that he was stoked and honoured to receive the distinguished Alumni award from his Alma-mater VESIT!

The cultural committee of had planned a perfect evening for the alumni . The celebration started with a music performance. Students sang beautiful songs with soothing instruments playing in the background. It was followed by a drama which took a satirical take on engineering and VESIT cultural. The hosts went around the audience making jokes and the alumni shared their memories of Vesit. The evening wound up with a dance performance by students depicting Mahabharata. The audience then dispersed to have the delicious food served in the buffet. The students from the cultural events were overwhelmed to listen and relate to the stories of the alumni and they were thrilled to be in VESIT after 6:30 PM!



## DEGREE DISTRIBUTION CEREMONY 2016:

The four year long journey, right from the first day of college to the end of the last exam, hits the students when they are presented with their degree of education. The second degree distribution ceremony, held on 23<sup>rd</sup> January 2016 at VESIT, comprised of many such moments of realization and remembrance among the graduating students of BE and MCA. The degree distribution ceremony, which was held in the amphitheater, started sharp at 3:30 p.m. with a total participation of 300 students among which 45 were MCA students and 255 were BE students. The chief guest for the occasion was Mr. Dilipkumar Khandelwal, the Managing Director of SAP Labs India; Executive Vice President and Head of Suite Engineering, Products & Innovation SAP.



The convocation started with the Academic Procession headed by the Principal, the chief guest, the Secretary of VES and other dignitaries followed by the students, all adorned in their ceremonial robes. When all were seated in the venue, the program commenced with the Saraswati Vandana and the University song, followed by the welcome address by the Principal. Mr. Dinesh Tahiliani, Secretary of Vivekanand Education Society, enlightened students about their future.



Later, the Vice-Principal introduced the chief guest, Mr. Dilipkumar Khandelwal, a distinguished alumnus from VESIT. Mr. Khandelwal gave a powerful and inspirational convocational address to the students. In his speech Mr. Kandelwal gave the students a 5-point formula to success. The first point was-follow your passion. Any work done with passion can work wonders however small it may be. The second point, understanding the bigger purpose and not getting disheartened with miniature hindrances in the path. He then spoke about building up the network which eventually



becomes your support system and stronger the support system higher are the chances of being successful. Next, he talked about the importance of preparedness for the coming tomorrow and how should we adjust and adapt to the changes which will follow. Lastly, he emphasized on the importance of hard work and how there is no substitute to it. He

concluded his speech by wishing the students best luck for their future endeavors and congratulated them for achieving one of the many milestones in life.

The distribution of degree certificates started from 16.30 hours onwards. Students celebrated this occasion as a last moment with their college before stepping out into the future world.

Throughout the program, the sense of pride and achievement was palpable among the students, family, faculty and staff of the institute. The ceremony ended with a ray of hope and joy for the staff and students filled with inspiration for the years to come.



V.E.S.

Since 1962

## ANNUAL PRIZE DISTRIBUTION CEREMONY

March 12, 2016 marked the 32nd Annual Function of VESIT. Mr. Saurabh Nanavati, CEO, Religare who is also a distinguished alumnus from VESIT, was the esteemed Chief Guest. Among other dignitaries present were Shri B.L. Boolani and Shri Laxman Kanal, Trustees of Vivekanand Education Society. The function commenced with the lighting of the ceremonial lamp by the Honorable Chief Guest, escorted by other dignitaries and the Principal, Dr J. M. Nair and Vice-Principal Dr M. Vijayalakshmi.

Mr. B.L. Boolani was overwhelmed by the pace of success of the institute. He enlightened the students and faculty by throwing light on the present reality of employment sector and seconding the idea of the 'Make in India' campaign. He said, "It's time, India must create home-grown innovators, new ideas, new projects which will ultimately get global recognition. Start experimenting. Start innovating." He also shared his intuitions regarding the Plastic Age and his efforts to set up small scale industries for the same. Having stated that, he encouraged the students saying, "If you create a useful product, I will be the first person buying it." Next, the Chief Guest, Mr. Nanavati, titled 'The man who loves crises' by Economic Times, started off his speech by humbly thanking all his teachers for all the knowledge imparted by them. Briefly, he stressed upon three points, 'Enjoy what you do', 'Digital Disruption' and 'Importance of automation in near future'. He lured the aspiring entrepreneurs by exhibiting the image of India's economy 25 years down the line. Shri Laxman Kanal addressed the gathering later and wished the students and the faculty good luck in their endeavors.

The highlight of the event was the prize distribution ceremony, where the young achievers received their token of appreciation from the Chief Guest and Trustees. The university rankers at the college level were felicitated, followed by prize distribution to the winners of UTSAV, SPHURTI, VCL and VPL events. The annual college magazine Vishwakarma was released by the principal. The theme for Vishwakarma 2016 is 'Digital India'.

The Vote of Thanks was given by Vice Principal Dr M. Vijayalakshmi in which she stressed on the concept of 'Do with passion'. The event concluded with some chosen spectacular performances by the students which included a silent play and other cultural events.



## VESIT Renaissance Cell

A new initiative “VESIT Renaissance Cell” has been set up with the mission “To suggest and implement innovative schemes to afflux VESIT for improving academic excellence”

VRC team comprises of selected young , enthusiastic and dedicated teaching staff members.

Activity	Faculty In-Charge
Faculty Home page	Mrs. Anjali Y Mr. Abhijit S
E-knowte	Mr. Amit S Mrs. Kadambari S
V -Guru Magazine	Mrs. Monali C Mrs. Rohin T
Query Hub	Mr. Amit S Abhishek C
Braincatcher	All VRC members
SDP	All VRC members
PBL	Mr. Amit S Mr abhijit S
Alumni	Mrs. Dimple B Mrs. Indira B

V-Guru magazine has been launched. First phase of bRAINcATCHER project proposal and selection of the project by expert committee is completed.

## bRAINcATCHER

The following projects were selected for bRAINcATCHER -2015-16, after the final presentation on World Student Day.

- EMG controlled Prosthetic Arm - INST - Mrs. Sangeetha Prasanna Ram
- Digital Imaging For Dermatology - EXTC - Mr. Mrugendra Vasmatkar
- Automated Leave Module for VESIT -MCA- Indira Bhattacharya
- Context acquainted information Retrieval - IT - Mr. AMIT Singh
- Disaster Management for Roads and Public Places -CMPN- Mr. Prashant Kanade

## Engineer's Day

Engineers operate at the interface between science and society. To identify the great works done by our hard working engineers each year 15<sup>th</sup> September is celebrated as Engineers' Day marking the birth day of **Sir Mokshagundam Visvesvarayya**, recognizing his contributions in the field of hydel energy in India.

Internationally recognized for his genius in harnessing water resources, he was responsible for successful design and construction of several river dams, bridges and implementing irrigation and drinking water schemes all over India.

*Since 1962*

On 15<sup>th</sup> September 2015, the staff members of Vivekananda Education Society Institute of Technology (V.E.S.I.T) celebrated Engineer's Day. New initiatives of the college were conducted by the coordination staff incharge.

Following was the flow of introductions of the teams:

- 1. Autonomy** team incharges Dr. C.D. Rawat and Prof. Abhay Khsirsagar spoke about the importance of autonomy and the pre-requisites of any college for becoming autonomous. They explained different committees who will check whether the academic standard is maintained or improved after Autonomy and how will it be checked.
- 2. Placement and Career Guidance** team aims to render maximum opportunities to maximum number of students.  
Prof. Nagananda and Prof. Dashrath Mane explained how students are trained right from 1<sup>st</sup> year regarding their aptitude tests, interviews, group discussions and also about their academic performance which is important for selection by different companies. Some activities, as mentioned quantitative techniques, logical reasoning and verbal ability enable them to identify the strengths and weakness of an individual candidate and help them select strategies for improvement.  
Other placement enhancing activities are Language lab to improve Communication skills, SEP (Skill Enhancement Programmes), in MCA Finishing Schools, IT for non IT branches, Skill Enhancement Lectures, Looking Beyond Syllabus (LBS).  
  
For scaling up Training and Placement Cell, they suggested----Interaction and involvement of parents to improve database of companies, Involvement of Alumni for recruitment and contacts Inclusion of start-ups for recruitment and internship and Industry institute interaction can improve collaborative activities.
- 3. Language lab** as explained by Prof. Geetha Ajit is highly appreciated by all students who lack communication skills and wants to be more confident in facing the interview. It is a way for overall grooming of the students.
- 4. Faculty Home Page** is an initiative to having a website which makes us more findable. As Prof. Priya explained it being dynamic, the moment we accomplish something, we can add it to this website. We don't need to print new copies of it and send it out to our contacts over and over; we just update it. People can continually come back and see what we're up to. She explained the complete flow of filling up the homepage.
- 5. V Guru Magazine-** VESIT has many magazines like Vishwakarma and E-magazine for students, and individual magazines are published by different societies like IEEE, CSI etc, therefore there was a need of pure VESIT faculty magazine 'V Guru Magazine'. This will primarily contain faculty achievements, their creative articles, suggested articles and faculty news. To be environment friendly, green and for easy circulation it will be purely an E-Magazine. Vguru was launched on the same day.

6. **Mathematics Society** as explained by Dr. Keya is an initiative to engage students really interested in the subject to participate in contests , quizzes and paper writing competitions.
7. **Purchase** committee headed by Prof. Nandini has team members from each department who are engaged in procuring new softwares, hardwares and furnitures which are suitable and mandatory and therefore meets all requirements at an economic but standard level.
8. **Infrastructure** team provides facility to effectively use our resources and grow at the same time in order to meet the growing demands and effective utilization of the facilities provided by the college.
9. **Research forum** head, Dr. Charnia explained the role of research forum in showcasing talents within the college wherein faculties can showcase their research related attributes and give special talks on latest technology and practice and every year similar activities are performed in each department.

## VESIT RESEARCH FORUM

### List of Activities conducted under VESIT Research Forum

S. No	Title of Event	Dept	Resource Person
1	Curiosity did not kill the cat (or) Why should you do basic research? 6 <sup>th</sup> Aug 2015	CMPN	Dr. Dinesh K. Srivastava, Distinguished Scientist & Director Variable Energy Cyclotron Centre, Kolkata
2	Demo on 'Matlab Neural Network Toolbox', 14 <sup>th</sup> Aug. 2015	EXTC	Mr. Akhilesh Kr. ADCC Mumbai
3	One day workshop on 'Matlab interfacing with low cost hardware', 21 <sup>st</sup> Aug. 2015	EXTC	Mr. Nilesh Kr. ADCC Nagpur
4	Getting started with Raspberry PI board using Python, 25 <sup>th</sup> Aug 2015	EXTC	Dr. Nadir Charniya
5	'Shielding and grounding techniques for electronic circuits', 9 <sup>th</sup> Sept 2015	INST	Dr. P. P. Vaidya
6	Workshop on Getting started with 'OpenCV using Python', 7 <sup>th</sup> and 8 <sup>th</sup> Sept. 2015	EXTC	Dr. Nadir Charniya and BE e-Yantra Students
7	Quantum Cryptography – The advent of Quantum Computing 1 <sup>st</sup> Oct 2015	CMPN	Ms. Kanvi Parekh
8	Statistics and Computer science : Project at Berkeley Univ. of California 1 <sup>st</sup> Oct 2015	CMPN	Mr.Divansh Saxena

**List of Activities proposed under VESIT Research Forum 2015-16**

S. No	Title of Event	Resource Person
<b>EXTC DEPT</b>		
1	Image De-noising	Dr. R. K. Kulkarni
2	Python and OpenCV for programming Raspberry PI board	Dr. Nadir Charniya
3	Three day Workshop on Arduino	Dr. Nadir Charniya
4	Segmentation of medical images (mammography and MRI image)	Dr. Saylee Gharge
5	Capacity analysis in cellular OFDM networks	Dr. Ranjanbala Jain
<b>ETRX DEPT</b>		
1	Road Network Extraction from High Resolution Satellite Imagery for Cartographic Applications	Dr. RajaniMangala
2	Latent Fingerprint Matching in Forensics	Mr. P. B. Birajdar
<b>INST DEPT</b>		
1	Workshop on Arduino and PCB Fabrication	Mr. Kader Shaikh and Mr. Gopalakrishna
2	Shielding and grounding techniques for electronic circuits	Dr. P. P. Vaidya
<b>CMPN DEPT</b>		
1	Curiosity did not kill the cat (or) Why should you do basic research?	Dr.Dinesh K. Srivastava, Distinguished Scientist & Director Variable Energy Cyclotron Centre, Kolkata
2	Negotiation Service Component using eTOM framework in NGN-ITU architecture	Prof. Priya R.L.
3	Mining Concept Drift in Big Data streams	Prof. Lifna C. S.
4	Statistics and Computer science : Project at Berkeley Univ. of California	Mr.DivanshSaxena
5	Quantum Cryptography	Ms. Kanvi Parekh
<b>IT DEPT</b>		
1	Analysis and Reporting Tools	Mr. Amit Singh
2	Privacy Preserving Techniques	Ms. Vinita Mishra
<b>MCA DEPT</b>		
1	Creating and using manually generated IP packets	MrsGeoceyShejy
2	Apache Spark	MrsSangeetaOswal
3	Formal representation of data model (UML) using description logic	Mrs. Indira B. and Mrs. Ruchi R.

## Expert lecture for students “What Industry expects from Fresh Graduates”

A special Lecture “What Industry expects from Fresh Graduates” was delivered by **Shri. Sunil Khanna, President & Managing Director, Emerson Network Power (India) Private Limited** on 27<sup>th</sup> August 2015.

Following topic were discussed during his lecture

- Tips & guidelines for preparation for core jobs
- Expected more specific details regarding type of major technical skills
- lesson for successful & challenging life
- Realization, that life is nothing without some “calculated risk”
- Excerpts from Indian mythology.
- Potential Efficiency Attitude Knowledge (PEAK)
- Dream! Discover! Do!



## Expert lecture on “Leadership”

The Council Members of Vesit Literature (VESlit) and Training and Placement Officer (TPO) recently joined forces to present a Lecture on Leadership by **Mr. Antony Parokaran, CEO of Schindler India Private Limited** on Saturday, 26<sup>th</sup> September, 2015, in the college auditorium at 2.00 pm.

**Schindler India Private Limited** is a widely known company all over the world for its escalators and elevators. At the time when Mr. Parokaran took over as the CEO of Schindler, the company was placed fourth in the market position. In a span of just four years, he was able to steer his company from the fourth position to being the leading company in the market. Schindler India is now associated with many iconic projects like T2 terminal at the Mumbai International Airport and also the Mumbai Metro. Under Mr. Parokaran’s leadership the company has also begun its geographical expansion in our country.

Mr. Parokaran spoke to the TE students of all departments. The highlight of the seminar was the success mantra shared by Mr. Parokaran with the students, which was Teamwork+Leadership+Ethics=Success.

## Expert lecture “Contributions of Indian Scientists- Kanad to Kalam”

( World Students Day 2015)

To celebrate the “Birth Anniversary” of Dr. Abdul Kalam , on the 15th Oct. 2015, VES invited Prof. Mohan Apte to deliver a lecture “Contributions of Indian Scientists- Kanad to Kalam” at VESIT



This day was also observed as a “Vachan Prerna Diwas” and we started a Book Bank scheme and Best Library User Award were distributed.

## Motivational Lecture for Staff

( TEACHER'S DAY CELEBRATION )

The 2015 Teacher’s Day celebration for the VESIT teachers was held in the auditorium on 5th September, to commemorate the birthday of our late President, Dr. Radhakrishnan. It was a day when VESIT teacher’s could relax and be entertained, while the final year students stepped into their shoes and conducted their lectures for all branches in the college. The program which began at 10.30 am went on to be celebrated with much verve for almost four hours! The celebration began with the traditional lighting of the lamp by the Vice-Principal, Dr. M. Vijayalakshmi, the guest-of-honor, **Mr. R. Vanamali, Director in Strategic Business Development, Rltech** ; and the guest speaker, **Ms. Girija Deshpande, a trainer, facilitator, HR Consultant and the proprietor of DG Consulting**. After the preliminary welcome accorded to the guests, Ms. Girija Deshpande took stage and addressed the audience. She began

on a very humble note and went on to narrate her experience with her school and college teachers and the lessons she had learnt, from each one of them. Her stories struck chord with all the teachers present as each one of them, went down memory lane, remembering their favorite teachers and reminiscing the memorable times spent with them.



### **EXPERT LECTURE FOR STAFF “WORK LIFE BALANCE” (WOMEN DEVELOPMENT CELL)**

Women Development Cell's event was scheduled on Monday, 19<sup>th</sup> October '15, 1 -2 pm in the auditorium.

The program comprises of a movie on "**Work Life Balance**" followed by discussion with **Debanita Biswas, Programme Manager (Dissemination), School of Media and Cultural Studies , Tata Institute of Social Sciences**

### **Expert Lecture by Dr Krithi Ramamritham:**

One of VESIT's most proud moments this year was when it hosted a expert lecture by Dr. Krithi Ramamritham, a professor from IIT Bombay. The topic of the lecture was “How to build smart things”. It was held in the auditorium on the 27<sup>th</sup> of January, 2016. Dr. Krithi has a PhD in Computer Science from the University of Utah and has been in the department of Computer Science at IIT Bombay since 1998. The main topic of his research explores timeliness and consistency issues in computer systems, in particular, databases, real-time systems, and distributed applications. His most recent work revolves around the use of Information and Communication Technologies for creating tools aimed at socio-economic development.

The session began with an interesting question that Dr. Krithi posed to the audience – “What does it mean to be smart?” There were many good answers – including a particularly humorous one – Jugaad. He then went on to the main part of the discussion, where he explained his recent efforts to reduce the electricity consumption in urban areas using technology. He explained how he, along with his students had built a few rooms that could intelligently sense the number of people in a room at any time, and accordingly control the electrical devices in the room like lights and fans. All of this was achieved by using low cost electronic components like soft sensors and pinhole cameras.

The entire session had a humorous note that was provided by Dr Krithi. The lecture ended with a Q & A session where he addressed all the questions that the audience had about his work. This lecture was a truly memorable academic experience. The event was coordinated by Research Forum and VESIT Renaissance Cell – new cell initiated in the college this year.



### **HDL programming through FPGA-Part I**

VESIT Renaissance CELL [VRC] has conducted the three days workshop on “HDL programming through FPGA-Part I” during 04/01/2016 to 06/01/2016. This activity is part of VRC’s Skill Development Program [SDP] initiative started this year. 25 students from VESIT have actively participated in the workshop. The workshop was scheduled from 10:00 AM to 5:00 PM on each day. The fee for the workshop is rupees 300 per student.

The purpose of the workshop was to introduce Very high speed integrated circuits Hardware description language (VHDL) concepts and porting of the VHDL programs on Spartan-6 Papilio Pro open source FPGA boards. This workshop helped the students to learn Xilinx ISE Synthesis and Simulation tool. They learned the programming of seven segment displays; LED’s and switches with FPGA boards. They also studied the programming of GCD processor.



It gave the brief introduction of HDL programming and hands on session helped the students to gain confidence in VLSI field. This workshop will definitely encourage the students to take final year projects in VLSI design field and pursue carrier in VLSI domain.

The workshop was Mentored and organized by Mr. Mrugendra Vasmatkar, Asst. Professor; EXTC Dept. The workshop is coordinated by Mr. Abhijeet Shete, ETRX Dept., Mrs. Monali choudhary and Mrs. Neeta chavan from EXTC Dept. with VRC team. The students of final year EXTC Mr. Chirag Bafana, Mr Ankit Berde, Mr. Pushkar Sapre and Mr. Krishna Nagula have assisted for the workshop.

Dr. J. M. Nair, Principal, VESIT and Dr. Vijayalakshmi, Vice Principal, VESIT has advised the coordinators for making the workshop successful. Mrs. Shoba Krishnan, HOD EXTC has supported and encouraged the coordinators for this teaching learning experience.

On demand from students second batch of workshop is scheduled in February-2016(date are not fixed). All the registrations for this batch are already full. The second part of the workshop is scheduled in June-2016.



## Evolve

**Date: 21 August 2015 Venue: Seminar Hall, VESIT Time: 11:00 a.m. to 12:30p.m.**

The Vesit Entrepreneurship Cell conducted its very first event on 21st August, 2015,

‘Evolve – A Vesit Alumni Talk’. The aim of this event was to give the students an insight as to what entrepreneurship is all about, and develop their entrepreneurial mindset. tVEC invited VESIT’s noted alumni, Mr. Ninad Thakre, Mr. Sameer Mhatre, and Mr. Santosh Rathod who gave an insight on how their amazing business minds gave birth to two startups, Fortune4 Technologies and Inkswipe Consulting LLP. They were accompanied by Mr. Krishna Murthy, one of the co-founders.

The guests were welcomed by Niyati Shriyan (Deputy Secretary, tVEC) who gave a brief introduction of Fortune4 technologies, the four co-founders, and their journey right from the scratch to a commendable success. It was followed by an interactive session between the alumni and the students wherein students got the opportunity to ask the questions and clear all their doubts, regarding starting their own companies with their fellow friends.



## **E-Jack**

**Date : 24-25 August, 2015**

The VESIT Entrepreneurship Cell conducted its second event E-Jack with the aim of making students understand the technicalities involved when they plan to launch their own company.

The event consisted of 4 tasks and students were supposed to participate in groups of 4.

Task 1 - The Mentos Round (Students were given 30 minutes to come up with a business plan)

Task 2 - Imperio - Cast your spell (Then the teams were supposed to pitch their ideas in front of the judges)

Task 3 - Money Matters (The teams had to give a detailed analysis on the investment and returns of their ideas)

Task 4 - Clash of the Jacks (The top 2 teams had a one-on-one debate)

The first two tasks were held on 24th August, the judges being Mrs. Pooja Kundu, and Sukanya Roy Choudhary.

The next two tasks were held on 25<sup>th</sup> August, the judges being Mr. Nagananda Anantharamaiah (TPO), and Mr. Prashant Kanade.

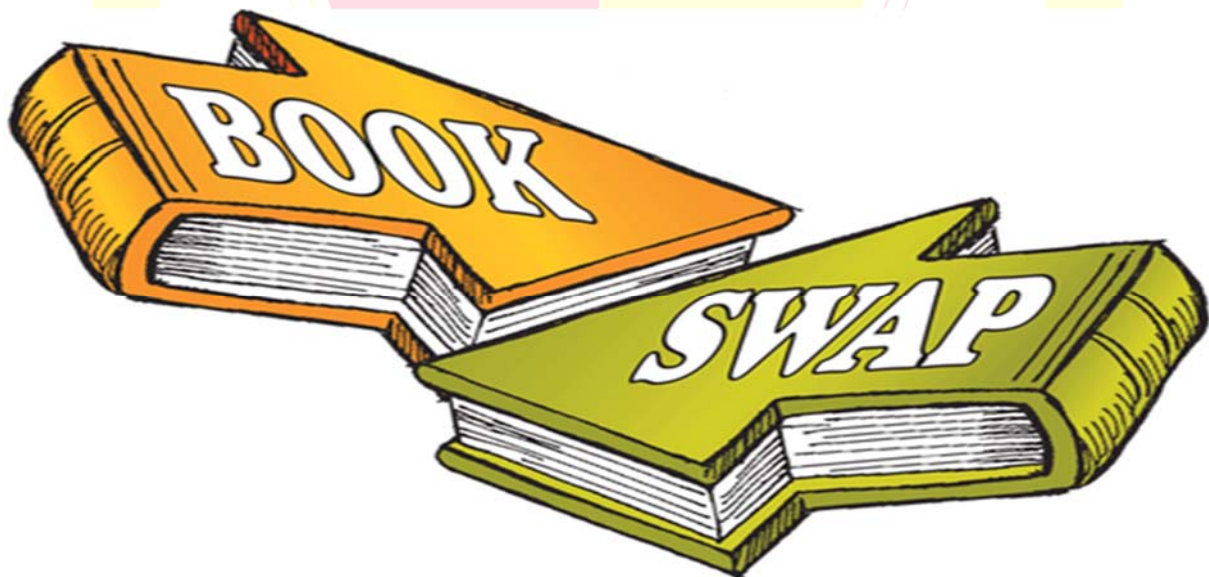


## BookSwap '15

**Date : 1<sup>st</sup> - 3<sup>rd</sup> September, 2015**

The VESIT Entrepreneurship Cell launched its very first activity – BOOKSWAP. With the support of the faculty advisors, Mrs. Asha Bharambe and Mr. N Gopalakrishnan, the activity turned out to be a success. Bookswap, being a new venture, was primarily focused on FEs wherein the FEs purchased the books from their seniors.

In all the transaction of around 150 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. tVEC now plans to expand this activity further by including SEs, TEs and Bes also.



V.E.S.  
Since 1962

## Switch Case '15

**Date : 15<sup>th</sup> - 16<sup>th</sup> September, 2015**

The VESIT Entrepreneurship cell conducted its fourth event “Switch Case” with the objective of inculcating and giving an insight of how real time problems incur while entering the world of entrepreneurship and to come up with innovative solutions to tackle these problems.

The event consisted of two rounds:

Round 1:- Paper Eliminations

A start up problem was presented to students. Students were given 20 minutes to write their solution .

The selection criteria were:-

1. Innovation – 8 Marks
2. Scope – 8 Marks
3. Language – 4 Marks

This was conducted in room no.118 and 119.

The first round was held on 15<sup>th</sup> September 2015.

12 students were selected from paper eliminations .

Round 2:-

In this round student’s communication skills and intuitive knowledge about the market were tested . Other participants had to ask questions about how would the solution proposed be executed and points were allotted as per the authenticity of the answers given. This round was held on September 2015 in the seminar hall. The students who won were given direct entry to mega event “Internship Mela2015”. Around 120 students participated in the event. The council received quiet positive feedback about the event .

## Internship Mela '15

**Date : 3rd October, 2015**

This event was planned in order to give our students an opportunity to work with startups and even established companies so as to give them the experience of corporate environment.

The event was conducted in two rounds:

1. Aptitude Test - 27<sup>th</sup> September
2. Pitching & Interview Rounds - 3<sup>rd</sup> October

*Since 1962*

This event of tVEC received an overwhelming response of 350 students. Out of whom only 150 were selected for the final round which was held on 3<sup>rd</sup> October.

21 companies participated in the Mela via campus/telephonic/skype interviews.

We were successful to place 120 students out of the 150.

### **TedX Gateway:**

The VESIT e-Cell organised a TedX Gateway on January 11, 2016 in the auditorium. Armed with a B.tech degree from the Hyderabad campus of BITS Pilani, professional hacker and entrepreneur, Angad Nadkarni, was the venerated speaker.

At the age of thirteen, before he became a hacking whiz, he worked with a gaming company to resolve cyber-security issues. A year later, he developed a free online radio software. He staunchly maintained that you don't really need money as the initial investment when you have your parents to be your ultimate investors. Presently, he is striving to remove shortcomings in the education system as well as trying to achieve access to premium intelligence resources in a flash.

The 40-minute talk was enough to fuel the students with a lot of zeal and fresh perspective on entrepreneurship. Shivani Bhat (D12A) felt invigorated. "This talk couldn't have come at a better time, this talk couldn't have come at a better time this point in the engineering period! His belief that parents are one's greatest investors and having them, along with friends and college faculty would truly aid you in staying grounded yet focused while pursuing your goal, resonated with me," he said.

### **Book Swap:**

A new semester spells a fresh hassle of buying and selling textbooks for every student. The VESIT e-Cell started the New Year with the much-needed event called the Book Swap, wherein students across VESIT, from the FEs to the BEs, sold and bought textbooks and study-instruments like drafters.

The collecting of books started from the 5<sup>th</sup> of January and went through the 20<sup>th</sup>. The desks were set up in the amphitheatre during the breaks and after college too.

### **E-SUMMIT '16**

With the culture of entrepreneurship taking the country by storm as well as the Government's 'Make In India' campaign, the VESIT E-cell saw it fit to launch VESIT's first entrepreneurship fest, E-Summit '16.

The fest kicked off with a talk on March 14, 2016 in the Seminar Hall. It was inaugurated by Mr. Hiren Shah, Senior VP Mastek Ltd. With over 26 years of IT experience, he has also led a

team of 350+ in delivering complex, mission critical projects across India, the US and Europe. An engineering graduate, he spoke of his life journey and shared some insightful tips on entrepreneurial success.

Following the talk, the e-cell conducted the first event of the two-day festival, the **Hackathon**. Having received a multitude of registrations, only twelve teams were through for the finals based on their given skill-set. They were given a problem statement and were given five hours to develop a working solution. The event judges were Mr. Suyash Apte and Mr. Mayur Trivedi, both from Mastek. The winners emerged from the MCA department with the idea of 'Anonymous Chat Server'.

The second day of this fest started off with an inspirational segment named 'The Story Makers'. It comprised two sessions with the first being a panel discussion with two esteemed VESIT alumni – Mrs. Siddhi Shah and Mr. Kuntal Joisher.

Mrs. Siddhi Shah is the co-founder of PrintStop, an innovative and new age printing solutions provider for various enterprises like Glenmark, Sun Pharma, Starbucks, McDonalds, TATA International and HDFC. She even started the very famous ice-cream brand 'Hokey Pokey', having retail centres all across Mumbai.

Mr. Kuntal Joisher is an accomplished mountaineer who has scaled incredible mountain ranges like the Nepal and Indian Himalayas, the Patagonia, the Western Ghats and even Mt. Manaslu – the 8<sup>th</sup> highest mountain in the world.

Their valuable advice to uplift us was to always follow our passions, to find satisfaction in conquering the big as well as the small mountains and to be fearless when facing them.

The panel discussion established a nostalgic connection with the students as the speakers narrated various anecdotes from their time as VESIT.

The next session was a motivational talk from Mr. Mayank Kumar who is the co-founder of India's first full-fledged online education company, UpGrad. Having previously worked at prominent companies like The Parthenon Group, TATA Strategic Movement Group and Bertelsmann he provided remarkable insight into the behind-the-scenes of a start-up and boosted our entrepreneurial morale.

The fest ended with the BizCafe finals. BizCafe is a business planning competition which received a huge response from students. Ten teams were finalised by a panel of two judges – Mr. Riyaz Tamboli and Mr. Nevil Sanghvi, both proud members of the VESIT Alumni who co-founded Antraweb Technologies together.

The teams were judged on the issue they were aiming to solve, the solution, its scope and uniqueness, and its financial and business parameters. Anirudh Roy, a first-year student, won BizCafe for his idea of the 'Blipper' – an attempt to avoid dangerous situations if alone.

All in all, E-Summit was a very successful event and garnered a lot of student attention and response as it was highly beneficial for all their entrepreneurial dreams.

Mr. Hiren Shah, senior VP of Mastek during the inaugural talk.



The Hackathon finals



The Story Makers I – Mr. Kuntal Joisher and Mrs. Siddhi Shah



The Story Makers II – Mr. Mayank Kumar



BizCafe finals with judges Mr. Nevil Sanghvi and Mr. Riyaz Tamboli along with e-cell faculty in charge – Mrs. Asha Bharambe

## Awakening the Scientist – First Year Students

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

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

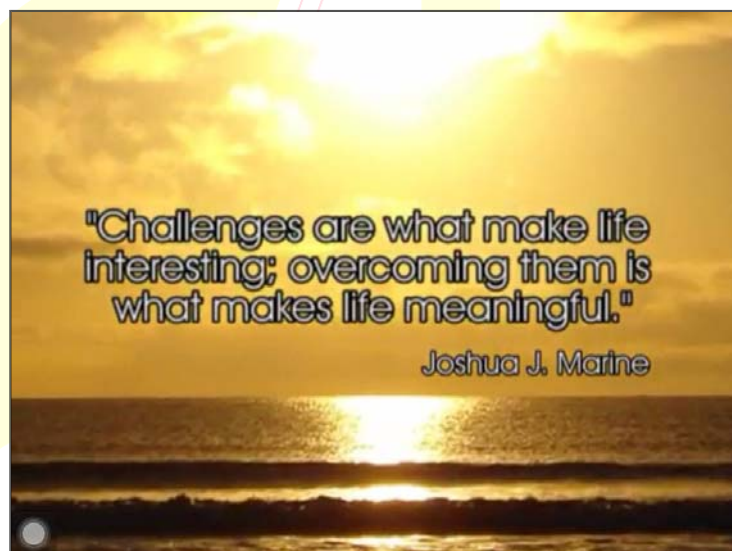
Awakening the Scientist is an opportunity given to the First year students to take the first step in this transformation of a student to a professional.

### OBJECTIVE:

- Group activity
- Identify the science, engineering and technology associated with gadgets, equipments and tools used in day to day life
- Relate the past present and future of such gadgets, equipments and tools used in day to day life

### PROCEDURE:

- Students groups of maximum four members was formed.
- The group had submitted page synopsis / report.





- They had given a PowerPoint presentation (PPT) on their findings in front of a panel of Judges on Oct 15, 2015. ( World Students' Day)

The best three reports will be published in Vishwakarma 2016 Magazine along with the Photo of the Group.

### **Seminar on UPSC and Civil Services By Kaustubh Thackeray:**

The seminar on 'Union Public Service Commission and Civil Services' held at the Seminar Hall of Vivekanand Education Society's Institute of Technology(VESIT) on 9<sup>th</sup> March,2016 at 10.30 am witnessed participation of 80 Third Year Engineering students, who were motivated by this informative and interactive session.

The speaker of the session was Mr. Kaustubh Thackeray, B.E. (Computer Engineering), an ex-student of VESIT. Mr Thackeray serves as an Assistant Officer in the Central Armed Police Force. He was once the General Secretary of VESIT. Hence, it was a proud moment for the Principal, Dr. Mrs. Jayalakshmi Nair and for all of us, to see and listen to an ex-student of VESIT delivering a scintillating talk on Civil Services. Mr. Thackeray commenced the seminar with all the Post Graduate programmes that a student generally can take after his UG. He then described the need of taking Civil Services as a profession and guidance of giving UPSC exam for the same. He also spoke about the way this profession can serve the nation which inspired all the students. He gave a detailed talk on how students can become IRS, IPS officers and what preparations need to be done for the same. He also urged the need for officers in IPS and IRS in the country. Mr.Thackeray also shared some of his happy moments and memories in the college and gave some tips to balance studies and extra-curricular activities. He concluded his talk by giving some important sites and details so that the interested students could get to know more about UPSC and Civil Services.

Dr. Mrs.Jayalakshmi Nair then felicitated Mr.Kaustubh Thackeray and also expressed her gratitude. She also said how proud she feels after seeing her student achieving the heights of glory and serving the nation as a CAPF officer.

The session came to an end after Prof. .A.Nagananda, TPO of VESIT, proposing vote of thanks.



## PRAXIS 2015 ( 6<sup>th</sup> - 7<sup>th</sup> August 15)

Theme for PRAXIS 2015 : Entertainment Technology

Praxis is an intercollegiate technical event held in VESIT. This event were for two days from 10am to 5pm. These two days were packed with a number of technical events in different domain such as Robotics, Electronics, Paper Presentation LAN Gaming, Mechanical Engg based activities ,C Programming along with other web based technical events.

The total registrations were 1216 teams with more than 2000 student participations.

Along with these major technical events, there are also games, fun games and number of food stalls and other sponsored stalls.

The details of the events organized are:-

**Electronic:** *live wire* and *circuit work It*: Students are given a set of components and they have to come up with some basic circuit idea

**C programming:** *C link*: This is C programming based event where the participants have to write C programs

**Web based:** *Cross Connect, Weave the web*: A team of participants are given a theme and they have to develop a website for it.



**Mumbai Treasure Hunt:** This event is on one of the Sundays before praxis, set of students in their car have to go around Mumbai searching for different clues (conducted with all rule and regulation). This Out House event was the most interesting.

Since 1962



**Crystal Maze:** In house set of task by groups very entertaining and most participated.



**Mechanical: Bridge the Gap:** this is a balancing game related to concept of gravity.

**Football: FIFA events:** online football in LAN, most crowded by students, registrations are always full.



Since 1962



**Racing:** *counter Strike, NFS Road Rash:* most liked and visited by all the students.

**Robotics:** *Street Soccer, RoboRace ,Rumble War,L3, Touch me not, Aqua Bot:* these are all robotic events . The final of robotics is on the last day of Praxis and the most crowd pulling

**Aesthetics:** the Aesthetic team decorates the entire college with posters, models and mega model as per the theme



**Magazine:** praxis souvenir is published which includes all its details



Since 1962

**Egg drop:** This event is the most innovative and center of attraction of Praxis. In this the team makes a container and egg is dropped in it. The height of the egg drop is increased and the team has to engineer their container such that the egg should not break

**Dalal Street:** This event is related to share market. The software for the same is also made by our college students, this is also one of the crowd pullers.

The price money for this year was around Rs. 2.3 lacs.

#### **SPONSORS:**

ACCENTURE was the chief sponsor for Rs. Six Lacs, along with that we had other sponsors like UNION BANK, NSDL,SBI,YES BANK ,CREDILA,INFS, who sponsored around Rs. 2.4 Lacs. Praxis is conducted by VESIT with the help of its Student Core Committee which has a number of portfolios for students to work where different events are organized and headed by staff event in charge Mr. Manoj Sabnis and Mrs. Rohini Temkar.

### **POGIL – Process Oriented Guided Inquiry Learning**

A session on POGIL was conducted on 16<sup>th</sup> of July 2015 from 8:10 am to 9:10 am. The session was on an introduction to Operations Research.

It covered the following topics:

- Approach to decision making
- History
- Nature and significance
- Features
- Methodology
- Advantages
- Opportunities and Shortcomings
- Applications and Scope
- Types of Models for decision making

A quiz was taken at the end.

The participants were the Second Year MCA (Morning Shift) students.

The students were divided in groups and every group had a manager to keep group on track and monitor the group, Recorder to fill the sheet and a Reporter to report back to the class.

## SORT WEEK



The SoRT week was organized during 24<sup>th</sup> August 2015 – 1<sup>st</sup> September 2015. This year the SoRT week was collaborated 6 NGO's- Balanand, NASEOH, Self Esteem Foundation, RUR, JPS and Vivekanad Youth Forum.

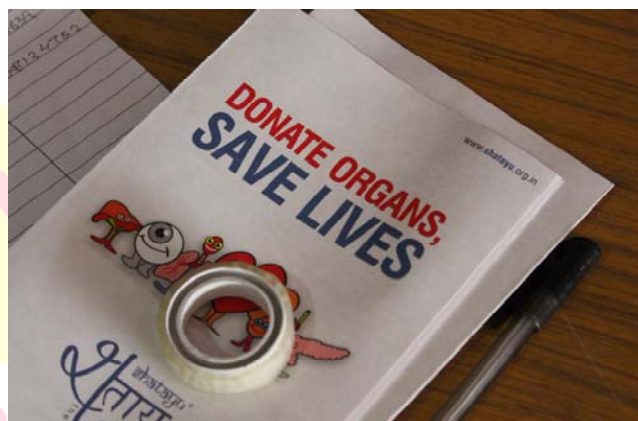
Products from these NGO's were brought to our Institute and sold, the entire money collection was handed over to the respective NGO's.

The products ranged from pickles and chocolates to folders and photo frames. This year since Rakshabandhan was within the timeframe of the SoRT week, Rakhi's were a popular item that was sold. Cookies and brownies hogged most of the limelight as they couldn't find their place at the desks for more than 5 minutes. The handmade jewellery also seemed to be a favourite among many. The products made from recycled tetrapacks by RUR seemed to intrigue many, and were another popular products also.

A donation drive was also held as a part of the week, which saw huge turnouts from all the students as well as teachers. The products donated ranged from books and newspapers to clothes and even board games and toys. This year animal welfare is also an area SoRT hopes to look into, and donations for the same were also received.

On the whole SoRT week lived up to its expectations like every year and continues to believe in the Joy Of Giving.

Indeed true to its motto- "Be the wings the world needs".



## **ORGAN DONATION DRIVE**

SoRT-Vesit in collaboration with Shatayu organised a sign up drive for organ donation on the 22 October, 2015. The desks for the same were set up from 10:00 am to 5:00 pm.

The overwhelming response was received, with over 100 registrations on the spot. Many students and teachers took registration forms home for their family members too.

## **BLOOD DONATION CAMP**

On 22<sup>nd</sup> July 2015, SoRT VESIT organized one of its most awaited events the blood donation drive, at the college premises, on the eve of the birth anniversary of late Shri Hashu Advani.

The drive comprised of various stages such as weight check, hemoglobin count, calcium count and blood group identification. The presence of an orthopedic surgeon from the St. George's Hospital proved to be a boon to many, as did the provision for the test for thalassemia.

The response to the event was tremendous with over 110 registrations.

Professional doctors and experts monitored the donors and made sure that the procedure went smoothly and the donors were comfortable.

Separate desks were set up to serve the donors refreshments. All the donors were awarded certificates as a token of appreciation for their good deed.

## **Visit to Joanna E Buthello School**

The 31st January 2016 saw SoRT vesit visited the Joanna E Buthello School in Malad. The members of SoRT left for the school at around 11:30 and were with the kids by 1:30. The SoRT team made it a point to spend quality time with all the kids there, and entertained them with various activities like dancing and singing to playing passing the parcel. The team had also taken food supplies for two days meals for the kids and also various donations as given by the students. Towards the end of the day most of them had become so attached that no one wanted to leave. We bid them farewell and came home with a promise of future visits.

## **Cancer Walk**

In keeping with the tradition, the SoRt team once again took to the streets to spread awareness against Cancer. In collaboration with MediGene and WeChange, the team organised a cancer awareness walk on February 4, 2016. "WE CHANGE" is an NGO started by our alumni Mr. Sridhar (2015).

The walk started from Azad Maidan at 10.00 a.m. and ended at the Gateway of India. With more than 100 students of the college walking the streets, wearing distinct t-shirts and holding banners to display the cause, the walk was a huge success.

Cancer has been a big cause of terror, and it has been so since 1600 BC! It is the largest contributor to the human death toll, having already killed more than 2 million people this year, and its only April!

## Sanitation Programme

SoRT is now moving to the new challenge of sanitary hygiene of society. Sanitation is the basic amenity and need of a healthy environment. If one has time to lean then he must have time to clean. Looking forward for a healthier society in order to raise the living standard of humans raised the need to focus on sanitation. Health is the foremost notion when SORT thinks of sanitation. In India, many villages still lack knowledge and are unaware of the importance of sanitation. Hence, SORT this year accepted the challenge of providing one such village with its basic rights for health and hygiene. Sakhare is a quaint little rural area near kalyan with the population of over 200 people at approx. It was chosen to be the part of the small step taken by SORT. SORT has planned to build at least two toilets for this village in order to setup a model of sanitation and hygiene under heath priority.

---

### **PRARAMBH'15 : 26<sup>th</sup> August 2015 - ECSTATIC BEGINNING**

VESIT welcomed on board yet another batch of budding engineers with its magnificent PRARAMBH'15. Prarambh is the fresher's Party organized by the cultural council. The event aims at synergizing the FE's, by bonding them together with teamwork and creativity. On the set date, 26<sup>th</sup> August 2015 the amphitheater began to reverberate with vibes of enthusiasm.

The Freshers entered the Amphitheatre, dressed in apparels that bore the shades of the colour codes given to their respective divisions. Living up to theme "*Battle of empires*" the FEs crafted interesting and intricate posters and collages. Following the customary inauguration by our authorities, was the innovation round wherein they projected their creative skills in different forms of art. The event began with the music performances by the FEs, where one student from every division performed. It was indeed a tour de force of talent and creativity. '*Prarambh*', being the very first event for the first year students, is a very important platform for their talent to get recognized.

The Personality round saw some amazing display of talents.

### **OCTAVES '15 : 29<sup>th</sup> September 2015 - Beyond the eighth note!**

The Music council of VESIT has been organizing the grand music event 'Octaves' for the past three years. Presently into its fourth year, the most awaited musical gala commenced on the 29<sup>th</sup> of September. All the music enthusiasts participated in the plethora of events held by the council. All the budding and aspiring musicians strapped their boots and packed their instruments to set out on this 3-day musical expedition.

The musical events included:

*Since 1962*



1. **Rap/Beatboxing** (For all the Eminem's and Yo-Yo's): Rap is the new 'In-Thing' : in today's rapidly evolving world, time is the biggest constraint and hence to quickly convey the message of the song, these songs are recited speedily. So it depends upon the ability of the rapper to do it swiftly and unmistakably. This event received a great participation and the rappers made it sure to leave the audience in wonderment.  
**Winner :** Rahul panicker (D8)
2. **Regional Solo**(Because music knows no language): after all the gargling and rehearsing the singers were all set to rock the stage with some melodious performances. The audience once again left humming the regional hits.  
**Winner:** Harsha kumar (FE 1) and Saurabh Nadge (D13)
3. **Scrap Music** (Beats matter more than an instrument): the vessels disguised into drums and the spoons into drumsticks, this event proved that one only needs to have a rhythm in the body and even the smashing of benches can make people groove to one's music.  
**Winner:** D8
4. **Music Quest** (knowing the music inside out): this quiz tested the participants' knowledge about the vast realm of music from music director's to singers and from instruments to lyrics.  
**Winner :** Pranit Kotgire and team (D8)
5. **Battle of Bands** (Head banging and Crowd surfing): this event is most sought after event where the rocks bands lock horns to win battle. This event successfully manages every time to bring the house down.  
**Winner:** Nishi Rao and team &Kaushal Bhogale and Team
6. **SongKraft** : (A song come true): this event enthuses all the lyricist and the musicians to team up and realise their dream song on a particular theme. The participants are given a period of 10 days to create and compose a chartbuster  
**Winner:** FE7



## Literary Activities

### VESLit

**Staff In-charges:** Prof. Geeta Ajit, Prof. Pooja Kundu, Dr. Sushil Dhuldhhar

VESIT Literature Labs (VESLit) is an initiative aimed at teaching spoken English skills to students through the use of advanced software.

The following events were conducted during the semesters.

- **Panel Discussions**
- **Debate**
- **Novel-ty Quiz**
- **Impromptu**
- **Impromptu**
- **Wordsworth**
- **Article-writing**



## VESIT CONNECT –Newsletter

“Arise, awake and stop not till the goal is reached!”-Swami Vivekanand Holding this vision, VESIT was founded in 1984 and has had a glorious journey ever since. It believes in educating the minds of its students by according them the power of knowledge and all round development of their personalities. With a vibrant ambience and students bestowed with appreciable talent, VESIT provides its pupils with numerous opportunities to showcase their endowments. All through the year, the college abounds in events and activities. It is truly very difficult for any one person to know about all the events happening in the college, it is with this vision in mind that ‘VESIT Connect’ was initiated, the very first newsletter of our college, it aims not only at connecting the dots and keeping everyone informed about the various activities and events at VESIT, but also to provide a platform for all the VESITians to be recognized in their field of personal talent and achievements. In other words, VESIT Connect intends to give a panoramic

*Since 1962*

view of life at VESIT, to all VESITians, in each of its issues. From sports (indoor and outdoor Sphurtti) to cultural events (Prarambh, Utsav, illusion etc), music events, E-cell, society activities and our very own technical festivals-Praxis; we cover it all. Furthermore, student's achievements (placement and personal), success stories of our alumni, inspirational quoted, academic tips and advice from seniors/faculty and interviews (teaching and non teaching staff and alumni); in memorial and leave taking (retirement) will also be incorporated. VESIT Connect is also a platform for the VESITians to showcase their creative side – be it poems, short stories, travelogue, drawing or photographs-we shall publish it here.

-VESIT Voice Issue 01 October 2015

## **INTERNATIONAL YOGA DAY - 21<sup>st</sup> JUNE**

This year we got opportunity to learn the Yoga lessons from Shri. Ramesh Lakshman, Chartered Accountant with additional qualifications in Law and cost accounting. He runs his own firm of Chartered Accountants, also he is a visiting faculty with SP Jain School of Global Business at Singapore and Dubai. He is a studious practioner of Yoga and his yogic practice has completed 24 years. Students and staff of VESIT and VESACS were very impressed with his sessions on Introduction & Importance of “Yoga” and his practice session : Aasana, Pranayama & Meditation. This session was held on Sunday 21<sup>st</sup> June 2015 at 9.30 am. Venue of the session was VESIT Amphitheatre.



*Since 1962*

## Activities with Vivekananda Kendra

Vivekananda Kendra had adopted the methodology of regularly conducting classes-

- **Yoga Vargas**
- **Swadhyaya Vargas**
- **Samskar Vargas**

for different layers of society so as to awaken it towards the challenges it faces in organized way. Through Karyapaddhati the awareness of the need of organized work for the regeneration of nation is generated. This energy is channelized to undertake a number of activities to actualize Swami Vivekananda's vision of Jagadguru Bharat.

VESIT has initiated SWADHYAYA VARG activities in collaborations with Vivekananda Kendra Kanyakumari, Mumbai branch for First year MCA students from August 2015. Total of 24 students from first year MCA has enrolled for the Swadhyaya Varg.

### “SWADHYAYA VARG” (Study Circle)

#### Objective :

1. To increase management soft skill.
2. To create Boudhik Kshtriya.
3. To raise the quality of life.
4. Coming together, Thinking together and working together for national resurgence.
5. Clarity in thoughts in national perspective.
6. To know about our achievements & potentialities as a nation.
7. To deepen the understanding of basis & direction of national resurgence.

#### Methods of Swadhyay Varga :

- Reading one by one, explaining on it, followed by Discussion it.
- Lectures by senior karyakartas (senior worker) or by renowned personalities rooted in Indian culture and then interaction with them.
- Topic is presented after study, question and answer by all participants.
- Group discussion.

- Panel discussion-small group.

Following are the detailed list of activities conducted by Vivekananda kendra in VESIT For MCA students .

Sr. No	Date	Event/Activity	Target Audiences
01	19th August 2015	Initial session on "How to live successful and Purposeful life" and Youth Development by Sujata Dalvi	First Year MCA students (Both Shifts)
02	28th August 2015	First Swadhyaya Varg by Kendra Representatives	only those students who has enrolled for Swadhyaya Varg
03	05th Sept 2015	Yuva Sammelan cum Book Exhibition of swami Vivekananda	staff and students of VESIT
04	09th Sept 2015	Second Swadhyaya Varg by Kendra Representatives	only those students who has enrolled for Swadhyaya Varg
05	16th Sept 2015	Third Swadhyaya Varg by Kendra Representatives	only those students who has enrolled for Swadhyaya Varg



*Since 1962*

## Swachh Bharat Abhiyan

(Campaign Clean India)

Swachh Bharat Abhiyaan proves to be one of the most successful initiatives across the country as citizens are keen enough to change the opinion of cleanliness of the nation in their minds, the students of VESIT too proved to be mindful of this thought as they gathered to clean Chembur Station on the 7th of October, 2015.

The clean up drive kickstarted at 9:00 AM with a pledge to keep our environment clean. The pledge was taken by commoners and students alike. Students from every department were enthusiastic regarding this event and participated in huge numbers. The BMC provided students with necessary cleaning equipments.

It was indeed an inspiring sight to see so many students work towards a cleaner brighter country.

Brief News with Photo's published in following major news papers.

- DNA – 08<sup>th</sup> October, Page no. 07
- Saamna – 08<sup>th</sup> October, Page no. 02
- Lokmat – 08<sup>th</sup> October, Page no. 03
- Mi Marathi Live – 08<sup>th</sup> October, Page no. 02
- Mumbai Samachar (Gujarati) – 08<sup>th</sup> October, Page no. 09
- Absolute India (Hindi) – 08<sup>th</sup> October, Page no. 03
- Dabang Dunia – 08<sup>th</sup> October, page no. 03
- Lokmat – 15<sup>th</sup> October, page no. 02
- Mid Day – 27<sup>th</sup> November, page no. 11

The news was also broadcasted on DD News Channel.

All departments also organized the cleanup drive in the institute. Active support was seen by students as well as teachers for the same. The cleaning provisions were provided by the Institute. Each class was allotted with one class room & laboratory.



■ शहर कचरामुक्त करण्यासाठी व्हीईएस इन्स्टिट्यूट ऑफ टेक्नॉलॉजीच्या विद्यार्थ्यांनी स्वच्छता मोहीम हाती घेतली. रेल्वे प्रशासन व म्युनिसिपल कॉर्पोरेशन ऑफ ग्रेटर मुंबई यांच्यातर्फे आयोजित या उपक्रमात इंजिनीअरिंगच्या जवळपास २०० विद्यार्थ्यांनी सक्रिय भाग घेतला. या मोहिमेची सुरुवात चेंबूर रेल्वेस्थानक व सभोवतालच्या परिसरातून झाली.

**दैनंदिनी**

- द व्हेजिटेरियन सोसायटी : 'हास्य आणि पर्यायी औषध' या विषयावर किशोर कुवावाला यांचे व्याख्यान. केसी महाविद्यालय, दिनशो वास्ळा रोड, चर्चगेट. संध्या ६ वा.
- भारतीय जनता पार्टी : 'आपला विश्वास' जनैरिक मेडिकल स्टोअर्स उद्घाटन समारंभ. प्रमुख पाहुणे- अन्न व नागरी पुरवठामंत्री गिरीश बापट. दामूनगर- भीमनगर, कांदिवली (पू) संध्या ६:३० वा.
- विवेकानंद एज्युकेशन सोसायटीज इन्स्टिट्यूट ऑफ टेक्नॉलॉजी : महाविद्यालयीन विद्यार्थ्यांतर्फे चेंबूर स्थानकाची स्वच्छता अभियान. चेंबूर रेल्वे स्थानक (पू) सकाळी १० वा.

## VESLIT

Veslit welcomed the New Year and the new semester by conducting a memorial quiz on Swami Vivekananda. It was an online quiz designed by Ankit Gone and Gayatri Shinde from the first year. The quiz went live on 10<sup>th</sup> January at 8:00 AM and ended the next day at 5:00 PM. The quiz got a total participation of 63 students.

Winners: Sahil Bhatia (FE 3)

Mahesh Khetpal (FE 8)

Riya Jajoo (D11A)

The quiz was followed by a 'Poster Making' competition with the theme – "National Youth Day". Following entries were received:

Veslit conducted 'Photoweave' on 14<sup>th</sup> January which witnessed a total participation of 45 students. Every picture speaks a thousand words and Photoweave was about connecting the dots and weaving a story from a set of pictures.

Winners: Lairai Karnik (FE 2)

Sakshi Patil (FE 8)

The elimination round for 'PLAY OFF' was conducted on 25<sup>th</sup> January. One team from each FE class presented a one act play on the theme 'Love with a Social Cause'.

Qualifying teams: FE3, FE4, FE8, FE9.

The theme for finals of Play Off is 'Survival of Love'

The first round of group discussion was held on 28/01/2016 and that of debate was held on 30/01/2016.

## RASHTRIYA EKTA DIWAS

VESIT observed 31<sup>st</sup> October 2015, Sardar Patel's Birth Anniversary as the **Rashtriya Ekta Diwas**

### "Run For Unity"

The Governor of Maharashtra Shri. Vidyasagar Rao flagged off 'Run for Unity' a 2 – km long run. Shri. Devendra Fadnavis, the Chief Minister designate led the run for unity from the front. Union Ministers Prakash Jawdekar, Education Minister Shri. Vinod Tawade, Piyush Goyal and Raosaheb Danve also took part in the race.

*Since 1962*

Prior to the start of the race, the Governor gave a 'Rashtriya Ekatmata Pledge' to the participants of the run. The run started from Air Inida building and culminated near the Parsi Gymkhana on the Marine Drive in Mumbai. **VESIT Non Teaching staff and students participated in "Run For Unity"**



## National Education Day : 11<sup>th</sup> November 2015

Poster making and Essay Competition has been organized with the theme "Nation's commitment to all aspects of Education" for the occasion of National Education Day.

*Since 1962*



## Shreshthata Award

The 'Shreshthata awards' is an initiative by VESLARC (VES Leadership and Research Centre) to acknowledge and encourage students who endeavor to make a difference in spite of unaccommodating circumstances. This year nine students from the VES group of colleges received this much sought award. The award ceremony was held at the VESIT auditorium on the 15<sup>th</sup> of October, the birth anniversary of the nation's beloved A.P.J. Abdul Kalam and also World Students Day. The auditorium was packed to the brim with proud parents, cheering friends and well-wishers of the awardees.

The Chief Guest for the occasion was Dr. Sunil M. Keswani. The special guests also included the Treasurer of VES, Mr. Amar Asrani, the President of VES, Mr. Mahesh Tejwani and Dadi Vaswani. The event was also attended by staff members and students from various colleges under the VES fraternity. The function began with the traditional lighting of the lamp by the honorary guests and a prayer song by one of the students. Then the hostess for the day went on to explain the importance of the day and gave a brief description of the awardees after which they were called on to stage amongst a loud round of applause.

Each one of awardees was handed out a star and a candle and was asked to take an oath, vowing to use their skills to be future change agents of India. The oath was taken not only in English but also in Hindi. These special children were then given a chance to speak about themselves. Aditya Thakur, one of the awardees, inspired the audience by telling them that self reliance is the best way to help themselves. The other awardees too gave beautiful speeches that held the audience captivated. The hostess's timely and apt rendering of quotes in Sanskrit and English also impressed the listeners.

The chief guest, Dr. Sunil Keswani, also charmed the audience with his humorous nature and delightful anecdotes. He stated that, although he was one asked to motivate the students, it was he who was the one going back inspired. His best sentence might as well be 'You do your best and God will do the rest.' The program culminated with an interactive question and answer section. Students and all others present were encouraged to question these young inspirations, which led to some interesting dialogue. The event concluded with the National Anthem. The show might have ended there but the seeds of change were planted in the minds of the attendees.

## CONSTITUTION DAY - 26<sup>th</sup> November



Constitution Day was celebrated on 26<sup>th</sup> November 2015. The Preamble of the Constitution of India in English and Marathi was displayed at the entrance lobby and Library.

An exhibition of books on Constitution of India and Dr. B. R. Ambedkar was organized in Library during the period 26<sup>th</sup> Nov. – 7<sup>th</sup> Dec. 2015

## International Women's Day Celebration:

To pay tribute to the indomitable spirit of women, **International Women's day** was celebrated in **VESIT** on **March 08, 2016** from 1.00 pm to 3.00 pm in the Auditorium under the leadership of Women's Development Cell. On the eve of International Women's Day Special session was organized in the College. The invited guest speakers for the session were **Mrs. Neelam Bhardwaj- Certified Resource Person of SEBI** and **Mr. Bhavadasan – Retried Chief Engineer from Johnson & Johnson Pharma Division.**

In the Presentation, **Mrs. Neelam Bhardwaj** provided insightful address on topic “**Financial Awareness**” for Women. In this, she covered Financial Freedom and Financial Sustainability and managing various events in life such as Routine, Predictable and Unpredictable events using SII (Saving Investment and Insurance). She also focused on principles to follow for assurance of availability of financial funds at various stages of life. And given Financial tips for Single Women with respect to Pension Plans and Health Insurance. Moreover, she highlighted Do's and Don't when buying Financial SII Products.

After the Presentation, **Mrs. Neelam Bhardwaj** and **Mr. Bhavadasan** jointly conducted an interactive session and addressed queries related to National Pension Plans, PF and PPF with respect to Tax Exemption. Also, emphasized on importance of Pension for every individual and advantages of it for happy and peaceful life.

All the lady staff of our institute were honored by a gift and by these we can see the touch of human concern in the event.



**Sanitary Napkin Vending machine inaugurated by Mrs. Neelam Bhardwaj on the occasion of International Women's Day.**



## Celebration of 67<sup>th</sup> Republic Day

India celebrated its 67<sup>th</sup> republic day with pride on 26<sup>th</sup> January 2016. VES also organized a ceremony at the VES Polytechnic ground. The members of various VES institutions assembled to celebrate the Republic Day. The Chief Guest for the occasion, **Mr. Sangramsinh Pratapsinh Nishandar** (Deputy Commissioner of Police, Zone-VI) hoisted the Indian Flag. Following the flag hoisting, there was a parade of the student scouts followed by the cultural programme presented by the different institutes. The ceremony concluded with national anthem and a grand salute to the national flag.



## National Youth Day

### IGNITING YOUNG MINDS

***“Take risks in life; if you win, you may lead....if you lose, you may guide.” - Swami Vivekananda***

National Youth Day is celebrated in India on 12th January on the birth of Swami Vivekananda. His writings and lectures have always been a great source of inspiration.

Maintaining this legacy, a number of activities were conducted by Vivekananda Kendra, Mumbai in collaboration with our college VESIT in January 2016.

The celebration of the day commenced with a session on “How to live successful and purposeful life” in the auditorium on 7th Jan 2016 in two different slots for the First Year engineering students.

The students were addressed by Mrs. Sujata Dalvi (Head of Mumbai Branch) and Mr. Ramkrishna who briefed the students about the life and work of Swami Vivekananda which attributed to his success.

This session was followed by another on 12th Jan 2016 for all the Student Council members. . A short video clip on the life and work of Swami Vivekananda was showcased to enlighten the young minds about the unique ideology of this philosopher. The video briefed about the extraordinary achievements of Swami Vivekananda.

This session was delivered by Mr. Abhay Bapat (Head of Maharashtra region. Vivekananda Kendra). The event witnessed a huge crowd of about 200 students. The event ended successfully with a short questionnaire to which Mr. Bapat responded graciously.

The events concluded with an exhibition cum sale of posters and books on Life of Swami Vivekananda. It was organized in the college premises luring the young to tread the path of this great saint.

## Martyr's Day

Every year, 30<sup>th</sup> January is mourned as Martyr's Day (Hutatma Din). On this day we pay our respects to the brave freedom fighters and all those valiant soldiers who sacrificed their lives for the sake of the nation. This year as well the Government of India had issued a circular to all the institutions in the country to maintain two minutes of silence to pay homage to the martyrs. All the institutes including VESIT as instructed maintained the two minute silence at 11.00 a.m. and paid a heartfelt tribute to all the departed brave souls.



## SPHURTI

With the dawn of even semester the OUTDOOR SPHURTI started with a bang. With the reintroduction of Sphurti week, it reinforced spirit in every team. This year SPHURTI had nine FE teams participating, with each team proving its mettle. As the SEs, TEs, and BEs, competed against each other, this year saw some real competition among the different teams.

Various athletic events for girls as well as boys made SPHURTI all the more captivating, receiving an unconditional support from the Sports Council. Sports in-charge was Prof. Yogesh Pandit.



### Boxing Day Bonanza

The third and final match day of the VESIT Premier League took place on January 16, 2016. In a first, the League adopted the Barclays Premier League Boxing Day format wherein all the matches of the league take place on the same day.

## Illusion '16 See The Unseen

The month of January started with an enthralling round of events comprising in the much awaited college festival, Illusion. This year there was an increased buzz among the students about this gala as its preparations had been started right from the month of October. The selection of leaders was done in the month of October itself, through a pen and paper test, following an interview round conducted by Pooja Kundu Ma'am. Out of 8 competitors, 6 were selected viz. Mr. Shantanu Tawde (Team Prevailers), Mr. Parimal Aglawe (Team Invaders), Ms. Karishma Londhe (Team Imperials), Mr. Achilles Almeida (Team Conquerors), Ms. Urvashi Chawla (Team Intruders) and Ms. Anisha Das (Team Laureates).

Next, an auction was conducted for the selection of managing committee, following a team auction which lasted for 2 days and finally 6 teams were formed with a total of 44 people each. This month reflected the hard work of the team leaders for shaping and molding their teams in order to win the ultimate championship!

<u>Date</u>	<u>Day</u>	<u>Time</u>	<u>Event</u>
11/01/2016	Monday	2.45-5.45 pm	Triathlon
12/01/2016	Tuesday	8.00-10.00 am	Speech //
		2.45-5.45 pm	Modified Sports
13/01/2016	Wednesday	2.45-5.45 pm	Poster Making
14/01/2016	Thursday	1.00-5.00 pm	Portrait Making
		3.00-5.00 pm	Quiz //
15/01/2016	Friday	8.00-11.30 am	Rangoli
		12.30-2.30 pm	Spell Bee
		12.30-5.30 pm	Music, Drama
16/01/2016	Saturday	12.30-2.30 pm	Story writing and Narration
		12.30-5.30 pm	Battle of 30 seconds, Dance

### Literature:

- Speech:

The six team leaders competed in this event which signified the birth anniversary of Swami Vivekanand. They were meant to give a 3-5 minutes speech on the topic- 'Life and Work of Swami Vivekanand.' The prize was bagged by Mr. Achilles Almeida (Team Conquerors)

- Spell Bee:

The remaining 2 members, out of the 4 members of the team, who participated in the Quiz round, can compete in the Spell-Bee round. This event comprised of three rounds which tested the spelling skills of the participants. The event was won by Ms. Krithika Srinivasan and Mr. Aney K from Team Intruders.

- Story Writing and Narration:

Any 2 members out of the 4 members, who took part in Quiz round can participate in this round. Each team was provided with an incomplete sentence (E.g.: Once there was a lady who...). The members created an imaginary story starting from their respective introductory line. The winner of this competition was Mr. Achilleus Almeida and Mr. Anurag Gaikwad form Team Conquerors.

- Battle of 30 Seconds:

BOTS is the most interesting and eye-catching event, under Literature portfolio. Basically it is an English literary event that tests your vocabulary and grammar. From each team, the person who wasn't a part of the Quiz round competes in BOTS round. The much awaited event Battle of 30 Seconds consisted of three rounds. The winner of this event was Mr. Nester Lobo, from Team Intruders.

- Quiz:

This Quiz Round is a group event. Out of 5 team members, only 4 members are allowed to participate in this event. It consisted of three rounds: First round was based on general knowledge whereas the second and third rounds tested the participants' knowledge on Swami Vivekanand. Winners of this event were Team Prevailers.

### **Sports:**

- Triathlon:

This event comprised of 3 different tasks which were- Amazing race, Physical Tasks and Treasure Hunt: Case Study. 4 people out of the total 12 members of each team competed in each of these mini-events. Team Intruders dominated this round by winning two out of three tasks: Amazing Race and Treasure Hunt, while Team Invaders won the Physical Tasks.

- Modified Sports:

In this event, entire sports team can compete with the opponent team. Modified Sports is an initiative of VESIT to combine 2 or more sports, so that the result could turn out to become a new Sport in itself. For e.g. Combination of Cricket, Volley-Ball & Lawn Tennis. This event was won by Team Invaders.

### **Aesthetics:**

- Poster making:

Participating aesthetics team members had to make the logo of their respective team. The best poster would bag the prize. The event was won by Team Laureates.



- Portrait making:

Portrait making tested the aesthetic team member's sketching skills. This year's theme for portrait making was Dr. A.P.J Abdul Kalam. This event was also won Team Laureates.

- Rangoli:

Similar to the theme for poster making, aesthetic team members were supposed to make rangolis of the logos of their respective teams. The event was won by Team Prevailers.



### Performing Arts:

- Music:

The Music Competition is about creating an Anthem for your team and performing it live. This team anthem will be used for boosting your team. Each Music team consists of 5 members and the time for the anthem should be 3 to 6 minutes. Original compositions are rewarded. Team Intruders won this event.

- Dance:

This event attracts the largest crowds, which results in it being the most competitive of all events. From the six teams, Teams Conquerors and Intruders qualified for the face-off. After some time given for preparation, Team Conquerors portrayed amazing talent and won the face-off, ultimately winning the dance championship.



- Drama:

Each Drama team consists of 8 members. All the teams are supposed to perform a play on the given Topic. Each team had been given a different topic. Alongside the Dance competition, an English drama competition was held whose points were summed up with the



main drama event. The entire drama category was won by Team Conquerors.

The mega event concluded with Team Intruders managing to rack up the most wins and thus, they were awarded the prize for the best team! Along with this triumph, there was also a title for the best leader which was bagged by Mr. Achilles Almeida of Team Conquerors. This year's 'Illusion' proved to be yet another captivating and successful series of events.



### **Career Guidance Workshop for IAS aspirants for All India Services Examinations through Sindhi Language / Subject:**

#### **Event flow of Career Guidance Workshop for IAS aspirants for All India Services Examinations through Sindhi Language / Subject**

Sindhi students to anchor the event along with Prof. Ritika Makhijani

2.00pm	-	Welcoming the gathering
	-	Lighting of lamp (Parallel to Saraswati Vandana)
2.02 pm		
2.06 pm	-	Introduction about VES by student Karishma
2.08 pm	-	Introduction of Dr. Ravi Tekchandani & felicitation by President of VES Shri. Mahesh Tejwani
2.10 pm		Introduction of Shri. Rajaram & felicitation by Secretary of VES Shri. Dinesh Tahiliani ji
2.12 pm	-	Introduction of Shri Ladharam & felicitation by Treasurer of VES, Shri. Amar Asrani ji
2.14 pm	-	Introduction of Dr. Gurmukh Jagwani ji & felicitation by President, VES
2.16 pm	-	Introduction of Narwani ji & felicitation by Secretary, VES
2.18 pm	-	Introduction of Ajit ji Manyal & felicitation by Treaurer, VES
2.20 pm	-	Introduction of Govardhan ji Sharma & felicitation by President, VES
2.25 pm	-	Prof. Ritika Makhija to introduce the workshop & request Shri. Mahesh Tejwani to open the session.
2.27 pm	-	Maheshji to address the audience Sessions open
From 2.30 to 4.30	-	Dr. Rajaram to open the session
	-	Dr. Ravi Tekchandani's Power point presentation
	-	Shri. Ladharam to close the session
4.15 pm	-	Shri. Dinesh Tahiliani vote of thanks

## OTHER ACTIVITIES:

### “Disaster Management / Mock Evacuation Drill”

**MOCK EVACUATION DRILL** was successfully conducted at VESIT on 27.02.2016 by Freedom For You Foundation, NGO for Empowerment of Citizens)



The drill was followed by a hands on workshop for students and staff on the demonstration of Fire Safety Equipments.



V.E.S.

*Since 1962*

## Celebrating Marathi Bhasha Diwas @ 27<sup>th</sup> February 2016



## Road Safety Week:

Road safety is very vital as road accidents amount to large number of deaths. To create awareness The Ministry of Road Transport & Highways had organized the Road Safety Week from 11th January 2016 throughout the country to improve the safety on road and to give an opportunity to all stakeholders to contribute to the cause of road safety. During the week, awareness about various causes of road accidents and measures to prevent them were highlighted by organizing various activities with School / college students, drivers and all other road users. VESIT also took immense interest in celebrating this week. Poster making competition for the students to spread the message and importance of road safety was conducted by VESLit Circle. Various banners were posted on notice boards to promote road safety.



## Shree Satyanarayan Maha Pooja

The 'Satyanarayan Pooja' was conducted on the 16<sup>th</sup> of January 2016 in the institute. The whole staff of VESIT came together to organise the Pooja. Our helping hands, the non teaching staff, left no stone unturned in decorating the college with the traditional garlands of mango leaves and marigold flowers. The Pooja began at 9 am with the majority of staff in attendance. They prayed for happiness in everyone's life and increased goodwill in minds of everyone. With the rituals accomplished as per traditions, everyone savoured the prasad. The newly wed, Mr Chintan Jethva and Mrs. Darshana Suryavanshi, the professors of EXTC department, took to performing the rituals.



V.E.S.

*Since 1962*

**Press Releases**



**V.E.S.**

*Since 1962*

थंबे थंबे...

रता खेडेकर

## चेंबूरमध्ये स्वच्छता मोहीम

मुंबई: शहर कचरामुक्त करण्यासाठी विवेकानंद एज्युकेशन सोसायटीज (व्हीईएस) इन्स्टिट्यूट ऑफ टेक्नॉलॉजीच्या विद्यार्थ्यांनी चेंबूर रेल्वे स्थानकात स्वच्छता मोहीम राबवली. या स्वच्छता मोहिमेमध्ये २०० विद्यार्थ्यांनी सहभाग घेतला. यावेळी त्यांनी नियमित स्वच्छता करण्यासाठी वेळ देण्याची रापथ घेतली.



प्रत्येक जण आपापल्या परीने स्वच्छ भारत अभियानाला हातभार लावत आहे. व्हीईएस इन्स्टिट्यूट ऑफ टेक्नॉलॉजीच्या विद्यार्थ्यांनी मुंबई महापालिकेच्या मदतीने एम विभागात स्वच्छतेचे अभियान राबविले. अशा प्रकारे प्रत्येकाने प्रयत्न केले तर भविष्यात कधी तरी स्वच्छ भारतचं स्वप्न साकार होऊ शकेल.

## इंजिनियरिंगच्या दोनशे विद्यार्थ्यांनी चेंबूर स्थानक केले चकाचक



व्हीईएस  
इन्स्टिट्यूट  
ऑफ  
टेक्नॉलॉजीची  
मोहीम

मुंबई, दि. ७ (प्रतिनिधी) - निरोगी पर्यावरणाचे व्हीजन समोर ठेवून चेंबूरच्या विवेकानंद एज्युकेशन सोसायटीज इन्स्टिट्यूट ऑफ टेक्नॉलॉजीमधील (व्हीईएस) इंजिनियरिंगचे तब्बल २०० विद्यार्थी बुधवारी झाडू घेऊन रस्त्यावर उतरले. चेंबूर रेल्वे स्थानक आणि आसपासच्या परिसरात या विद्यार्थ्यांनी स्वच्छता मोहीम राबवून परिसर चकाचक केला.

रेल्वे प्रशासन, महानगरपालिका यांच्या सहकार्याने हे विद्यार्थी या उपक्रमात सहभागी झाले होते. त्यांनी स्वच्छता केली नाही, तर फलक आणि पोस्टर्सच्या सहाय्याने

स्वच्छतेबाबत जनजागृतीही केली. या विद्यार्थ्यांसोबत संस्थेच्या प्राचार्या डॉ. जयलक्ष्मी नायर आणि उपप्राचार्या डॉ. विजयालक्ष्मी एम. यासुद्धा होत्या. कचरा ही वाढत जाणारी समस्या असून ती दूर करण्यासाठी प्रत्येक नागरिकाने स्वच्छतेची काळजी घ्यायला हवी, असे इंजिनियरिंगच्या द्वितीय वर्षाचा विद्यार्थी प्रणीत कोटगिरे याने सांगितले. तर स्वच्छ व आजारमुक्त पर्यावरणाचे व्हीजन समोर ठेवले तर प्रत्येक स्थानक, सार्वजनिक ठिकाण स्वच्छ होईल, असा विरवास विनायक शर्मा या विद्यार्थ्याने व्यक्त केला.



▶▶ स्वच्छता अभियान... वी. ड. अ.स. इन्स्टिट्यूट ऑफ टेक्नॉलॉजीच्या सोयी पत्र वधारे अॅन्डिनिपर विद्यार्थींओंओ ओंओमस्ती ओम वोंडंनी सहाय्येची सातथी ओंओओओरना बेम्भुर स्टेशन अने तेना परिसरमां स्वच्छता अभियान हाय धर्युं हुं. विद्यार्थींओंओ स्टेशननी पथी डीयाओ प२ रंय काम कर्युं हुं तेम क संपूर्ण विस्तारमां साइसहाय करी हुती. (अन्य च्याडे)

## व्हीईएस विद्यार्थ्यांची स्वच्छता मोहिम

शहर कचरामुक्त करण्याचे स्वप्न बघत, व्हीईएस इन्स्टिट्यूट ऑफ टेक्नॉलॉजीच्या विद्यार्थ्यांनी आज स्वच्छता मोहीम हाती घेतली. या मोहिमेची सुरुवात चेंबूर येथील रेल्वे स्थानक व सभोवतालच्या परिसरापासून झाली. विद्यार्थ्यांनी त्यांच्या परिसराची नियमित स्वच्छता करण्यासाठी वेळ देण्याची रापथ घेतली. फलक आणि पोस्टर यांच्यासह, कचरामुक्त मुंबईचा संदेश देण्यात आला. त्यामध्ये शहराला घनकचऱ्यापासून मुक्त करण्यावर भर देण्याच्या तातडीच्या गरजेला प्राधान्य देण्यात आले.

विद्यार्थ्यांच्या या उपक्रमाविषयी सांगत, व्हीईएस आयटीचे प्राचार्य डॉ. (सौ) जयलक्ष्मी नायर म्हणाल्या इन्स्टिट्यूटने नेहमीच समाजाच्या हितासाठी विविध सामाजिक विषयांबाबत पुढाकार घेतला आहे. प्रत्येक चांगले कार्य स्वतः पासून सुरू व्हायला हवे आणि सार्वजनिक ठिकाणांची स्वच्छता आमच्यासाठी नेहमीच महत्त्वाची राहिली आहे.

Since 1962



रेल पासे सफ़रुनो भेद : स्वच्छ भारत जुंभेश सेडण वीरुंभेव र्-स्टीटुट ओंफ़ टेकनोलोजीना सेडको विद्यार्थींओं अने विद्यार्थीनीओंभे भु धरारे येभुर स्टेशन परिसरमां गंडकी अने क्य से छटववानीकामगीरी जेर खेर वी पर पापी छरी. महाबदिकलना 'अम' बोई ओंकिंसनै महडवी स्वच्छता जुंभेश दशव धरवमां आवी छरी. (तसवीर : प्रखंड वॉर्ड)



**रामबाण दवाई साफ-सफाई**  
स्वच्छ भारत अभियान के तहत कुरुवार को इजीनेयोरिंग के लगभग 200 विद्यार्थियों ने एम वार्ड और चेंबुर रेलवे कर्मचारियों के साथ वार्ड स्वच्छता की सफाई की। इस दौरान उन्होंने रेल लाइनों को सफा-सफाई हर भागों की रामबाण दवाई दी।  
फोटो: विनोद खत्री



**ENGINEERING THE CHANGE**  
Around 200 engineering students from VES Institute of Technology, along with BMC M ward and Central Railway officials, launch a clean-up campaign at Chembur railway station on Wednesday. —Hemant Padalkar/dna



मध्य रेलवे के चेंबुर स्टेशन पर गुरुवार को वीवीईएस संस्था के सैकड़ों छात्रों ने स्वच्छ भारत, स्वच्छ रेल के तहत साफ-साफ अभियान किया एवं लोगों को जागरूक किया।  
मनीष गुप्ता

V.E.S.  
Since 1962





मुंबई। वीईएस इंस्टीट्यूट टेक्नॉलॉजी इंजीनियरिंग के छात्रों ने चेंबूर स्टेशन के पास मनपा एम वार्ड के क्लीनअप मुहिम का सहयोग करते हुए साफ-सफाई की। हाथों में बैनर लेकर नागरिकों से स्वच्छता पर ध्यान देने की अपील की।



Over 200 engineering students of Vivekanand Education Society's Institute of Technology (VESIT), in association with BMC undertook a cleanliness drive near Chembur railway station. While Dr Vijaylakshmi M, Vice-Principal, led the students in the drive, Principal Dr (Mrs) Jayalakshmi Nair said that the institute has always been in the forefront of initiating social causes. Vijay Patil, Assistant Engineer (Solid waste Management Dept), MCGM-M ward, was all praise of the students.

DNA newspaper page no. 02. On 19 Nov 2015

Interaction with Manish Bharti student of VESIT, B Tech last year. His dream of starting a school and educate under – privilege society through his NGO Kartavya Foundation has been highlighted.

V.E.S.

Since 1962

**FINANCIAL AID** Through his NGO, B.Tech student Manish Bharti provides monetary assistance to underprivileged students

# Helping others in realising their dreams

Kranti Vibhute @krantivibhute9

After failing to become a doctor due to lack of funds, Manish Bharti's only mission had been to arrange funds for underprivileged students who wish to pursue graduation or post graduation. Bharti was recently conferred with Shreshtha Award by VES Leadership Academy and Research Centre.

Bharti — who is a last year B.Tech student from (VESIT) — founded Kartavya Foundation, an NGO, in 2013 that is active in arranging funds for under-privileged students. He wanted to become a doctor but could not fulfill his dream owing to lack of funds.

Undeterred by obstacles, he graduated in science and is presently pursuing his degree in engineering. And now, he does not want deserving students to befall the same fate and has made it his life's mission to help students in need.

Recently, Manish had set up



Manish Bharti

## TWO YEARS OF GOOD WORK

Bharti — who is a last year B.Tech student from (VESIT) — founded Kartavya Foundation, an NGO, in 2013 that is active in arranging funds for under-privileged students. He wanted to become a doctor but could not fulfill his dream owing to lack of funds. Undeterred by obstacles, he graduated in science and is presently pursuing his degree in engineering. And now, he does not want deserving students to befall the same fate and has

made it his life's mission to help students in need. "We completed two years today (Wednesday). Students from different colleges work with my NGO. I passed my HSC in 2011 and wanted to become a doctor. Since I failed to become a doctor due to financial obstacles, I decided to help other needy children. I formed my NGO and now we have around 100 volunteers working with us," said Bharti, while talking about his initiative.

After failing to become a doctor due to lack of funds, Manish Bharti's only mission had been to arrange funds for underprivileged students who wish to pursue graduation or post graduation. Bharti was recently conferred with Shreshtha Award by VES Leadership Academy and Research Centre.

He added: "Our volunteers donate generously which helps us buy books and stationery for needy students. We also help students with writers and felicitate writers in our programme to encourage them for their good work. We also help students for taking admissions in college after their board results are declared. Our volunteers also help train the writers. They are trained to help blind students on how to write exams for them. Our volunteers also help blind and other students in understanding the basic concepts of any subject."

Our volunteers donate generously which helps us buy books and stationery for needy students. We also help students with writers and felicitate the writers to encourage them for their good work.

— Manish Bharti

a stall at the Metro station in Ghatkopar to sell rakhis made by a blind girl. The stall — registration for which was Rs8,000 — received tremendous response and he garnered sales worth Rs 21,000 that was en-

tirely given to the girl. He aims to open a school by 2020 which would provide free education to deserving and underprivileged students.

"We completed two years today (Wednesday). Students

from different colleges work with my NGO. I passed my HSC in 2011 and wanted to become a doctor. My father is an LIC agent, while mother is a homemaker. Since I failed to become a doctor due to finan-

## Marathi Newspaper : Navakal 30<sup>th</sup> Nov. 2015

वंचित व पात्र व्यक्तींना मदत करण्याचे जीवनध्येय उराशी बाळगणे हे फार कमी तरुणांचे स्वप्न असते. आयुष्याची पुरेपूर जबाबदारीही ज्या व्ययात ओळखता आलेली नसते, त्या व्ययात इतर गरजूंची जबाबदारी घेण्याचे धाडस काही तरुण मात्र करू शकतात. याचे आदर्श उदाहरण म्हणजे मनीष भारती हा मुंबईतील व्हीईएसआयटीमधील बी.टेक.च्या शेवटच्या वर्षाचा विद्यार्थी. त्याला नुकतेच व्हीईएस लीडरशिप अॅकॅडमी अॅटॅण्ड रिसर्च सेंटरकडून (व्हीईएसएलएआरसी) 'ब्रेठ विद्यार्थी पुरस्काराने गौरवण्यात आले.

तरुण विद्यार्थी म्हणून मनीषला डॉक्टर होण्याचे स्वप्न साकार करायचे होते. परंतु, पुरेशा निधींच्या अभावामुळे त्याला विज्ञान शाखेत प्रवेश घ्यावा लागला आणि त्याने पुढे इंजिनीअरिंग निवडले. अशा वेळी एखाद्याने नशिवाला दोष दिला असता, परंतु मनीषने या अनुभवाचा उपयोग, शिक्षणासाठी पात्र असलेल्या आणि आपल्या इच्छेनुसार निवडलेल्या क्षेत्रात जाण्यासाठी निधीची गरज असणाऱ्या अन्य विद्यार्थ्यांना मदत करण्यासाठी तसेच संदर्भ म्हणून बापरायचे ठरवले. त्याच्या डोक्यात आलेल्या

योजनांनुसार मनीषने एक समाजसेवी संस्था सुरू करण्यासाठी प्रयत्न सुरू केले आणि प्रचंड कल्पनाशक्ती, सोबत निश्चय व परिश्रम यामुळे मनीषने

# देवदूत वंचित मुलांचा

महाविद्यालयीन वयामध्ये मौजमजा करायची किंवा फक्त अभ्यास आणि करिअरवर लक्ष केंद्रित करायचे हेच बहुतेकांचे ध्येय असते. परंतु वंचित मुलांना मदत करणे हे जगावेगळे ध्येय मनाशी बाळगले आहे ते मनीष भारती या तरुणाने. शिक्षणापासून वंचित राहिलेल्या गरीब मुलांसाठी तो दाता ठरलाय.

२०१३ साली 'कर्तव्य फाऊंडेशन' ही एनजीओ अस्तित्वात आणली. ही संस्था वंचित वर्गातील गरजू मुलांना शोधते आणि त्यांना पदवीपूर्व व

पदव्युत्तर स्तरावरचे अभ्यासक्रम पूर्ण करण्यासाठी मदत करते.

मनीषने अनेक चांगल्या कामांना सुरुवात केली आहे. त्यातील एक

विश्रांतुन केला. त्याने २१,००० रुपयांची विक्री केली आणि ते पैसे त्या मुलीला दिले. प्रामाणिकपणा, गरजूंना मदत

करण्याची उत्सुकता यामुळे अनेक स्वयंसेवक मनीषच्या एनजीओकडे आकृष्ट झाले आणि सध्या मुंबईतील विविध पदवी महाविद्यालयांतील १०० हून अधिक स्वयंसेवक कर्तव्य फाऊंडेशनच्या विविध उपक्रमांत कार्यरत आहेत. आतापर्यंतच्या कामावर समाधानी न राहता, न थांबता, गरीब, पात्र विद्यार्थ्यांना मोफत शिक्षण पुरवण्यासाठी २०२० सालापर्यंत शाळा सुरू करण्याचे मनीषचे स्वप्न आहे.

मनीषने हाती घेतलेल्या या मोठ्या प्रयत्नाला, व्हीईएसएलएआरसीच्या संचालिका पिया मुखर्जी यांचे मार्गदर्शन, पाठिंबा व प्रेरणा लाभले, त्याशिवाय मनीषला यश आले नसते. आतापर्यंतच्या वाटचालीत व्हीईएसएलएआरसीने दिलेल्या सहकार्याविषयी मनीष खूप कृतज्ञ आहे.

तो म्हणतो, "सुरुवातीपासून, माझ्या कामादरम्यान माझ्या अभ्यासावर कोणताही परिणाम होणार नाही, याची काळजी व्हीईएसएलएआरसी संस्था व प्रिया मंडमनी घेतली. त्यांनी मला वेळेवेळी मोलाचे मार्गदर्शन केले. त्यामुळे मला कर्तव्य फाऊंडेशनच्या कार्याचा विस्तार करण्यासाठी प्रचंड मदत झाली. माझ्या उपक्रमात व्हीईएसएलएआरसीचे योगदान कमालीचे आहे आणि त्यासाठी मी त्यांचा कायम ऋणी राहीन."

व्हीईएस इन्स्टिट्यूटमध्ये असे अनेक तरुण नेते आहेत. ज्यांच्यात समाजाच्या कल्याणासाठी बदल घडवून आणण्याची क्षमता आहे. त्यांची ही आव्हाने मनीषसारख्या इतर तरुणांना सबल करण्यासाठी मार्गदर्शक ठरणार आहेत शेवटी, आयुष्यात केवळ गुण मिळवणे (ते गरजेचे असले तरी) किंवा अभ्यासाव्यतिरिक्त यश मिळवणे (ते चांगले असले तरी) एवढेच महत्त्वाचे असते असे नाही; परंतु, संतुलित, हुशार व भावनिकदृष्ट्या सक्षम असे सर्वांगीण व्यक्तित्व घडणेही आवश्यक असते, असा मनीषला मदत करणाऱ्या संस्थेचा विश्वास आहे.



म्हणजे, अंध मुलीने तयार केलेल्या राखींची विक्री करण्यासाठी घाटकोपर मेट्रो स्टेशन येथे स्टॉल सुरू करणे. यासाठीचा नोंदणी खर्च त्याने स्वतःच्या

Mid-Day\_27\_Nov\_2015\_pg\_11\_VESIT

Since 1962

11 mid-day our city  
Friday, November 27, 2015, Mumbai, web www.mid-day.com, twitter @mid\_day

# It's my station

Citizens claim a stake in rail hubs

**MALEEVA REBELLO**  
maleeva.rebello@mid-day.com

PM Narendra Modi's *Swachh Bharat Abhiyan* completed one year last month. The movement by the slick-tongued PM, spawned a number of campaigns. Some lasted a few days, others as little as a few clicks of the cameras as publicity hounds wielded brooms at certain strategic locations in the city for a quick media picture. Yet others, though look like they are here to stay. Like, station adoption for instance. Rotary International District 3140, adopted eight railway stations in the city. These are Thane

and Dombivali on the Central Railway, Borivali, Kandivli, Bandra and Khar Road on the Western Railway and Govandi and Mankhurd on the Harbour Line. The Rotary will look after the upkeep of these eight stations right till 2018.

This is a spin off from the concept of *Swachh Bharat* taken ahead by Railway Minister Sunil Prabhakar when he urged the Railways to allow charitable institutions, social organisations and Non-Governmental Organisations (NGOs) to adopt stations.

The Rotary actually followed a number of NGOs and colleges which have adopted Railway stations. The challenge is to let the campaigns sustain, not let eventual fatigue overcome initial fervour, and keep up the work.

## Railway speak

Comparing the adoption of railway stations to the adoption of a child, SK Sood, General Manager of Central Railway says, "The Railways treated all stations equally and so we had standardised benches and toilets. Now, with the adoption of stations, the local guardian will be in-charge of parking space, toilets, posters, etc. We want good people to come forward and not use this adoption to make profits by favouring certain contractors, but to make this a, for the public by the public initiative."

Sood is confident that the station adoption drive in the city will gain momentum and be sustained

over a period of time. "People are taking responsibility of their stations and this is spreading positive culture. Littering and spitting will stop, and it is when every person feels a sense of ownership about the station, like he or she feels about their house that it will achieve its goal," he adds.

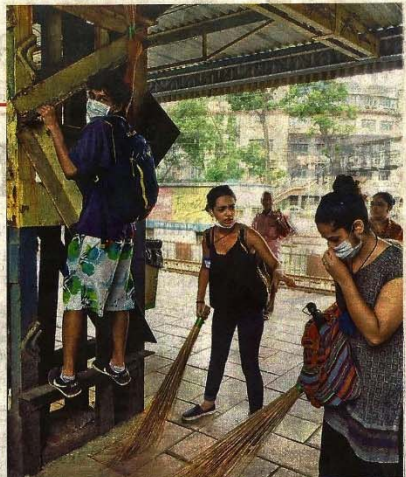
The adoption of Borivali, Kandivli, Bandra and Khar Road will be the first on the Western Railway. There has been cleanliness work carried out at Charni Road, Vile Parle and Malad stations by educational institutions from the area.

Sharat Chandrayan, chief Public Relations Officer (PRO) of the Western Railway says, "This is our first attempt at allowing adoption on the Western Railways. We allowed clean ups at various stations prior to this, but that was for a very short duration."

He drew a distinction between adoption and the clean ups saying that adoption gave the concerned institution the right to make structural changes, with the approval of the railways in addition to cleanliness and beautification.

Structural changes allowed are building more toilets, delegating railway land for parking, building benches, putting water coolers. Adoption also allows guardians to paint the walls near the ticket booking counters, platforms as well as the external walls.

A number of other stations have been cleaned and adopted like King's Circle and Wadala.



ACTION STATION: Wilson college students at Charni Road station

## CHARNI ROAD

**Looked after by:** Wilson College

**Work done:** Clean platforms, perform tests on food and water, conducted surveys on what commuters' want and the problems they face, donated flower pots and dustbins.

**Future plans:** To continue the clean up campaign. It was the proximity of the college to the station, since most students use it to commute, lead students of Wilson College to clean it up. Dr Kamal Jadhav, Executive Co-ordinator says, "The clean up happens every week with the Arts and Science students alternating."

1 and 4 as the Railway authorities have instructed them not to clean the busy and narrow platforms 2-3. "The students sweep the platforms; perform skits, songs and street plays on civic awareness, which are composed by them."

"The Microbiology students take samples of food and water at the station and conduct tests on them. The samples taken when the clean up started were not good, they complained to the Railway authorities and now it has improved," adds Jadhav, indicating that the campaign is getting results.



PICKING UP THE TRASH: Mithibai College students clean Vile Parle station

## CHEMBUR

**Looked after by:** Vivekanand Education Society's Institute of Technology.

**Work done:** Clean platforms and area around station, anti-spitting and littering placards held up by students as they were cleaning.

**Future plans:** Dr Jayalakshmi Nair, principal says, "We have always been at the forefront of initiating social causes in the larger interests of society."

Computer Engineering student, says, "As students, we represent a vibrant force driving the vision that is India. If every student incorporates the vision of a clean and disease-free environment, every station will be spick and span."

But students do struggle to convince people to stop spitting or littering at times, and it is a challenge to be motivated and keep up the cleanliness drive.



SWEEP STAKES: Students of VES Institute of Technology conduct a cleanliness drive at Chembur station

## VILE PARLE

**Looked after by:** Mithibai College

**Work done:** Clean platforms, done painting.

**Future plans:** Plant saplings and water them. The Rotaract club of Mithibai College, conducts a clean up at Vile Parle station twice every month. They choose a week day which is feasible for their volunteers. Armed with garbage bags and brooms they clean the station for 2-4 hours.

Apurv Gangar, Rotaract Head of the college says, "We sweep all the platforms and clean the paan stained walls and tiles at the station. We have been working on the cleanliness since a few months now. We even painted some graffiti on the West side of the station with messages about cleanliness and education. We have started a sapling project where a person who has adopted it, will have to water it."

## SION



ROAD VIEW: Sion station has been adopted by the NGO Die Hard Indian. PIC: NISHAR SATAM

**Adopted by:** Die Hard Indian (NGO)

**Work done:** Painting walls, cleaning ticket counter areas on the ground and first floors, removing illegal posters on walls.

**Future plans:** Clean the platforms and paint the outer walls of the station. Conduct cleanliness awareness programmes. Gaurang Damani hopes to replicate his work done at King's Circle station at Sion. The walls of the counters

have been painted by volunteers with paintings of Sion Fort, Nature Park, Khumarwada and Koliwada as well as the Dharavi Sports Club from the area.

"I plan on revamping Sion station by using art work and employing a cleaner and security guards," says Damani.

Yet, it is difficult to stop vandalism of station property and the illegal posters keep coming back, leading to some frustration.

## BHANDUP

**Adopted by:** V K K Menon College

**Work done:** Clean station; educate commuters about sanitation, painted walls of the station.

**Future plans:** Install wet and dry dustbins on the platforms; maintain a garden outside the station, paint walls near the ticket counter.

V K K Menon College has adopted Bhandup station since July this year, and has been cleaning the

station twice a week. Sarada Menon from the college says, "Our students speak to commuters in Hindi, Marathi or English about health and hygiene as well as sanitation issues, educating them of problems and solutions. They have also done Warli paintings and drawings on women's empowerment.

Proverbs and inspirational quotes on the walls of the station have been written by them, too."



Principal's interaction with education page editor Mrs. Shraddha Kamdar.

# Knowledge

20

MONDAY 1 NOVEMBER 2015

THE FREE PRESS JOURNAL

## Skill-building academy

UK-based 225 Academy is conducting a five-day academy to impart skills. It covers the four modules over a period of five days including Communication skills – development of verbal communication skills; Technology empowerment – focussing on development of skills to make the most of technology; Entrepreneurship – focussing on how to start a project, blog, or business, find investors, envisage a vision etc.; and Personal development – cultivating a mindset to think positively, identifying strengths and overcoming weakness to build confidence. The academy will be held at the American School of Bombay BKC, from December 19 to 23. For more details or application log on to [www.225academy.com](http://www.225academy.com).

## "APTITUDE GETS YOU A JOB, ATTITUDE TAKES YOU FURTHER"

**Dr. J. M. Nair, Principal, Vivekanand Education Society's Institute of Technology (VESIT), Chembur, offers her message to all students through an interaction with Shraddha Kamdar**

**I** enter her office early, and she quickly clears up her time to see me as soon as possible. Warm and welcoming, she talks about the improvement of the students' prospects and the initiatives that are being taken to help them at every step of the way. Dr. J. M. Nair, Principal, Vivekanand Education Society's Institute of Technology (VESIT), Chembur, elaborates on methods of empowering the students in various aspects and how to encourage them towards knowledge.

Speaking on the aspect of the curriculum and its usefulness, Dr. Nair informs that the current revised syllabus is quite perfect and not outdated. She says that the students need to learn the basics to get ahead. She informs that the best way her students' knowledge can be complemented is with regular skill-enhancement lectures by industry experts. Apart from that, there are many opportunities for the students to work outside the syllabus.

At VESIT, students are encouraged to take up interdisciplinary projects with mentors from departments other than their own, which provides a whole new spectrum of exposure. So students from telecom can work on IT and those from IT can work on electronics and so on. This idea was implemented five years ago, and is very popular with the students. "Students look forward to this activity every year, so much so that when the time comes to announce these projects, most of them are already ready with their ideas," Dr. Nair says.

In fact, in the first year itself, the students engage in a programme called Awakening the Scientists', wherein they have to select a gadget and study the science, the technology and the applications around it. "They are not trained much in engineering in the first year, so we ask the students to suggest additions and alterations to the gadget as lay people. It works fabulously, since they are already learning how to work with each other in teams, and how to think scientifically. It is

the preparation they need, the first step in helping them progress from being students to being professionals," Dr. Nair informs. This year, the selection of the winners of this competition coincided with World Student Day. One fact that she says that enriches the faculty is that the students participate enthusiastically.

It, however, is not a case of all work and no play. Apart from the various academic and cultural societies, the college also has a sports council, which started a league festival based on all the sports leagues rampant in the country. In fact, it got so popular that now the selection of the student teams in the cultural festival – Illusions – also happens in the league format! "This is a way of promoting inter-class bonding so that students from various departments get to know each other. They are so enthusiastic about the festival that they work through their holidays for it. At VESIT we have so many activities going on that we have so many unique leadership positions to fill. My motto to strive towards is one man, one post, so that every student gets a chance to work in at least one leadership position," Dr. Nair elaborates.

Everything that is mentioned above happens outside the classroom, on the students' own time. Within the classroom, the faculty engage students with innovative teaching methods like the Process Oriented Guided Inquiry Learning (POGIL) method, which is a student-centred teaching-learning method, which also involves group learning, among many others. Students also learn through projects and case studies.

Learning is on one side, but does she feel that students should have a say in what they are learning within the curriculum? Of course, we are talking of well-rounded students who are capable of contributing to such a discussion. "We have a department advisory board in which members constitute of faculty, alumni, students, parents as well as industry members. Students can be great contributors to the board in determining

PH: B.L. SONI



Dr. J.M. Nair

what part of the curriculum is useful and what is not. Even earlier, we used to invite suggestions from the students," says Dr. Nair.

So students are learning to cope with their curriculum as well as activities outside it, and developing their own goals and knowledge. How can soft skills be incorporated in this scheme of things? Dr. Nair feels that soft skills are essential for the development of any person. "I strongly believe that your aptitude will get you the job, but it is your attitude that will take you further. And that's why, we don't have to focus only on short-term goals when thinking of soft skills, but

life and attitude in general," is her opinion. She further informs that students at VESIT learn through the language lab, and that some of the faculty members have proactively designed a skill programmes for students to work on their English language and business communication skills.

In fact, in extension to all these activities, the institute has initiated a book bank scheme, where apart from those books that the students issue from the library, students can keep certain books for a period of six months, for their research. In addition, to promote library reading, the institute honours those who are

regular with their reading and issues certificates to them. This not only inculcates the habit of research, it also shows them the path to academic reading and writing.

In the end, however, this is all in preparation to land that coveted job! For placements, students start building their profiles since the second year onwards, when they still have a sizeable amount of time to go before sitting for campus interviews. In fact, experts brief the students on how to build their resumes and orient them towards participating in various activities. Before the final stage, the institute also conducts mock interviews for the students and offers them professional assistance to work on their resumes.

With that, students are also encouraged to take up internships, especially with start-up companies. Internships, according to Dr. Nair, may not give a student an extensive job experience, but they provide a bird's eye view as to what is expected of professionals in the real world. VESIT encourages its students to be engaged with the company throughout the year, after college hours. "Personally, I feel that the plus point is that apart from learning how to apply their bookish knowledge at the work place, they will develop the simpler lessons of life – that one can learn from anybody!"

Thinking not only of the students, but the teachers as well, Dr. Nair as set up a Renaissance Cell with the young teachers at VESIT, because she feels it is they who will build the institution for the future. "Here, I am thinking of the next 15 years or so. Teachers from different departments come together, out of their own passion, and propose their initiatives. We already have eight such initiatives proposed," she says.

Dr. Nair feels that whichever programmes students have chosen, the educators should create passion within them towards that field and the work that goes with it. "We are preparing them for the walk of life," the eminent educationist states in the end.

V.E.S.  
Since 1962

On 3<sup>rd</sup> August 2015 Hindustan Times page no. 04. The article mentions VESIT and the social activity undertaken by the students to clean up chembur station along with the photograph.

campuscocktail

# Student groups push the boundaries of social work

**UNIQUE** Volunteers team up with police to solve problems faced by senior citizens

Apoorva Puranik

apoorva.puranik@hindustantimes.com

**MUMBAI:** College students in the city are ditching run of the mill activities for social change and are adopting innovative ways to help the society. Colleges are not limited to organizing blood donation drives or safety campaigns alone but are also taking more proactive steps in ensuring an on-ground change.

Mithibai College in Vile Parle is a prime example of this as it has recently adopted Vile Parle railway station which is very close to the institution and used by students for commute. A group of 25 students visit the station every week to spruce it up and also put up messages about keeping it clean.

The management of the college has funded all the supplies and according to the principal, Dilip Kamath, this is a long term project.

Another college to have adopted a railway station is Vivekananda Education Society's Institute of Technology (VESIT). As a part of the college's campaign 'Yuva for Seva' the students have adopted Chembur railway station and have begun its maintenance, right from cleaning the platforms to installing dustbins. Since the beginning of the year, students have been involved in maintaining the station along with help of the Vedant Welfare Foundation, an NGO.

"Apart from cleaning up the place, other issues like medical facilities, clean bathrooms and safe food is a priority. We are slowly working on getting it all fixed.

## OUT-OF-THE-BOX

Social work has taken up a new form in city colleges with students making on-ground efforts.

Apart from organising usual events like blood donations camps and cleanliness drives, colleges are taking up responsibilities of maintaining railway stations near their premises too. Mithibai College, Wilson College and Vivekananda College have adopted Vile Parle, Marine lines and Chembur railway stations respectively.

Students of Bombay veterinary college will be organising a pet adoption drive this month to help rescue stray animals. Similar other initiatives are being carried out by other colleges too.

Senior citizen survey by the Mumbai police includes NSS students taking up the responsibility of finding out problems that plague senior citizens in the country.

A video about a LGBT friendly IIT-B campus by the resource group Saathi has gone viral.

Railway stations are extremely important and used by almost every Mumbai resident however no one cares about keeping it spruced up", said Anant Dwivedi, a second year student of the college.

The college had earlier taken up the responsibility of Kings Circle station as well. The Yuva for Seva initiative has been included in the curriculum of the management students of the institute as well.



Students have adopted Chembur railway station and have begun its maintenance.

HT PHOTO

Railway stations are extremely important and used by almost every Mumbai resident but no one cares about keeping it spruced up. We are slowly working on getting it all fixed

ANANT DWIVEDI, student

Furthermore, National Social Service (NSS) students across colleges are involved in a senior citizen survey to identify problems and issues of senior citizens living alone in the city. The Mumbai police is pioneering this survey and according to data collected from the election commission, around 15 lakh senior citizens within city limits have been identified who will be approached by

the NSS volunteers to fill up forms with their details.

A group of students from Indian Institute of Technology, Bombay (IIT-B) are making sure that the dialogue about rights of the queer community does not die out.

Saathi, a society and resource group for the queer students at IIT B shot a video about the campus being LGBT friendly which went viral within two days.

## Communication Enhancement Course for Non Teaching Staff

A seven day Communication Enhancement Course for VESIT Non-Teaching Staff was conducted by the college from 26 November to 7 December 2015, to enhance their communication skills in English. Twenty participants were selected for the course. The aim of the course was to enable the participants to speak fluently in English in both formal and non-formal occasions, wherein they are able to speak out their thoughts, ideas and feelings in fluent English thus sharpening their conversational skills with proper grammatical structure and increasing vocabulary. Activities included daily conversation on given topics designed to increase participants' confidence in speaking English in a fun and comfortable atmosphere. The participants were given ample opportunities to communicate creatively during the class either individually or in pairs and were peer reviewed at all times. The course was designed and conducted by Mrs. Geeta Ajit from the Department of Humanities and Applied Sciences in coordination with Mr. Vikas Pange, who handled the logistics. The moment of exultation was, on the last day, when each participant gave a speech in fluent English, smoothly and confidently, in front of the crowd. The last session was judged by Prof. P. P. Vaidya and Prof. Nagananda. Dr. (Mrs.) Nair applauded the participants for their milestone improvement and encouraged them to continue using English at all times. The course ended on a buoyant note where all participants felt jubilant at achieving so much in so little time and promising to do better in future!



## DEPARTMENTAL REPORTS

### Department of Electronics

The Electronics Department aims to provide high academic goals to the students and make them the world leaders both in Educational and Research through effective Teaching and Learning.

The department of Electronics had numerous highlights in the year 2015-2016.

#### Results of 2015 batch:

With an excellent pass percentage of 100%, for the 2015 passed out batch, the Department of Electronics has 3 university rankers - Akshay Baban Gharghe (Rank 4), Moumita Ghasiram Dey (Rank 9) and Virag Rajesh Doshi (Rank 10).

#### Placement Record:

This placement season saw 74.13% of the eligible students being placed. The top recruiters were Accenture, CapGemini and ATOS.

#### Awards & Laurels:

- Rahul Gupta of final year recommended for the post of Sub. Lieutenant in General Service of Indian Navy.
- Sameer Batra of final year recommended for the post of Sub. Lieutenant in General Service of Indian Navy.
- Suyash Chopra of final year is represented Mumbai University in Inter University Tennis Tournament.
- Rohit Kashyap of second year stood first in the event of 'Project Exhibition' in SPECTRA held in Sardar Patel College of Engineering.
- Rohit Kashyap of second year got third place in Technical Paper Presentation for presenting Wireless Communication using Vapours in SPECTRA held in Sardar Patel College of Engineering.

*Since 1962*

#### Guest Lectures:

- Mr. Rajesh Shah of Nicecon Consultancy, Thane gave a lecture on Basics of Instrumentation on October 6, 2015.
- Mr. Sanjay Chaudhari, Director of Electronic Study Centre, Nashik, gave a lecture on Industrial Approach in Electronics on September 30, 2015.
- Mr. Harman Somal, Agiliad Technologies Pvt. Ltd. Pune gave a lecture on Introduction to FPGA and BASICS on September 5, 2015.
- Mr. Apurva Godbole of Drona Aviation, IITB, gave a lecture on Drone Workshop on September 1, 2015.
- Mr. Ajay Verma, Sr. Engineer at Ericsson India gave a lecture on Applications of Circuit Theory on September 12, 2015.
- Dr. Nisha Sarwade gave a lecture on MEMS Technology on February 26, 2016.
- Mr. Sanket Shah, MassBlurb Founder and VESIT (ETRX) Alumni, gave a lecture on Higher Studies Abroad & Entrepreneurship on February 26, 2016.
- Ms. Malvika Kamat gave a lecture on Studying in Germany on February 26, 2016.

#### Seminars/Workshops:

- Mrs. Jayamala Adsul organised a workshop on the topic "*Interfacing of Peripherals with FPGA*" on July 9 and July 11, 2015.
- Mr. Yogesh Pandit organised a workshop on "*Industrial Approach in Electronics*" from July 9 - July 11, 2015.
- Mrs. Deepti Karani organised a workshop on SciLab Orientation along with Hands on training on January 30, 2016.

#### Student Activities:

- A cleanliness drive was conducted on October 1, 2015 where SE, TE and BE students along with faculty members participated in the events.
- A tribute to Dr. APJ Abdul Kalam was presented by SE and TE students based on topics related to Inspirational Quotes and Research Work which carried on through the entire semester.
- Final year students explained and discussed various topics of electronics engineering such as Raspberry Pi, Arduino Basics, Eagle, PCB Design, E-YANTRA, LBS project, PSoc and Matlab which carried on through the entire semester.



- Mr. Abhijit Shete conducted activity under Research Forum on April 17, 2015.

#### Internships/Research Experience:

- Five students completed internships in various industries like Godrej Security Solutions, Doordarshan Kendra, BPCL, Siemens and at IIT Bombay.

#### Staff Activities:

- Mrs. Kavita Tewari & Mrs. Naveeta Kant secured admission for Phd program under Mumbai University.
- Mrs. Jaymala Adsul completed her Phd Course work under Mumbai University.
- Mrs. Sarika Kuhikar secured First Position in the examination of M.TECH Power Electronics and Power System at the Institute and University level (Rashtrasant Tukadoji Maharaj Nagpur University)
- Dr.(Mrs.) T.Rajani Mangala & Mr. Parmeshwar Birajdar received Research Grant Fund from Mumbai University in the research area of 'Satellite Image Fusion' and 'Latent Identification System'
- Mr. Abhijit Shete & Mr. Yogesh Pandit received award of Best Teacher for Academic Year 2014-15.
- Mr. Abhijit Shete conducted a training program in Process instrumentation.
- Mr. Abhishek Chaudhari is co-ordinator ELSI (e-YANTRA Lab Setup Initiative)
- Mr. Abhijit Shete & Mr. Abhishek Chaudhari are the departmental representative's for VESIT Renaissance Cell.
- Mrs. Rakhi Jadhav delivered a lecture on 'Basics of Electrical Supply System' to first year students of, VESIT.
- Dr. (Mrs.) T. Rajani Mangala delivered a lecture on "Wireless Sensor Network Protocols" at PVPP, CoE on February 18, 2015.

#### Lecture delivered under Research Forum:

- Dr. (Mrs.) T. Rajani Mangala on "Road Network Extraction from Satellite Images" on February 23, 2016.
- Mr. Parmeshwar Birajdar on "Wavelets for Biometric Application" on February 23, 2016.

**Subject Orientation for Mumbai University syllabus for BE:**

- Computer Communication Network - Resource person: Dr. (Mrs.) T. Rajani Mangala
- Artificial Intelligence – Resource Person: Dr. (Mrs.) T. Rajani Mangala
- Advanced Network Technologies - Resource Person: Dr. (Mrs.) T. Rajani Mangala
- Robotics – Resource Person: Mr. Abhay Kshirsagar.

**Technical Paper Publications:**

- *“Low Power Wireless Health Monitoring System”* at the International Conference on Advances in Computing, Communication and Intermeties, Kochi(IEEE), August 2015 by Mr. Abhay Kshirsagar.
- *“Traffic Signal Preemption for Emergency Vehicles”* by Dr. (Mrs.) T. Rajani Mangala at International Conference on current advances in electronics, Electrical & Computer Science (ICEECS-15).
- *“Arduino Based Shadow Alarm with GSM Interface”* by Mrs. Asawari Dudwadkar through International Journal of Emerging Technologies and Innovative Research with ISSN -2349-5162.



*Since 1962*

## Department of Computer Engineering

Computer Engineering Department is focussed 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 2015-2016.

### Results of 2015 batch:

With an overall pass percentage of 96% for the 2015 passed out batch, the Computer Engineering Department has three university rank holders: Ms. Sidhwa Neha (2nd Rank), Mr. Rudra Sharma (8th Rank) and Mr. Salil Kanetkar (9th Rank).

### New Specialized Labs for Electives:

- Cloud Computing Lab: This new Lab caters to the students of final year course and has opensource softwares like Open stack, OwnCloud, XEN and KVM also Virtual Box. These resources may also be used for various projects.
- Machine Learning & Big Data Analytics Lab: This specialized lab is for the final year Elective courses- Big data Analytics and Machine Learning. It is equipped with latest high end computers. Cloudera distribution for Apache Hadoop version 4.4.1 which comprises of Hadoop, Hive, Pig, Hbase are used along with other open source tools like R, Mahout.

### Excellent Placement Record:

This placement season saw 83.91% of the eligible students being placed with 9 students receiving more than one job offers. The top recruiters were SAP Labs, Diebold, JPMC, MAQ Software, Nomura, Accenture, Capgemini and LTITL.

### Awards and Laurels:

- Harsh Gupta and Nirbhay Pherwani won the first prize in the Make in India Hackathon held at IIT Bombay. Their project titled 'Subsurface irrigation model with a sensor based crop prediction' is a low cost irrigation solution for draught hit farmers.

V.E.S.

*Since 1962*

- Mr. Divyansh Saxena has raised \$200,000 from Silicon Valley Angel Investor for a crowdfunding platform Kernel, Inc. He is currently heading the Indian division for this start-up, which has its headquarters in California.

#### Guest Lectures:

- Prof. Rugved Deolekar, VIT Wadala delivered a lecture on "Programming Language & Data Structures" for second year students (D7A and D7C) on 7 September 2015.
- Prof. Sanket Patel & Sandesh Patil, SPIT, Andheri delivered a lecture on "Introduction to Laravel", for second year (D7B) students on October 3, 2015.
- Lecture on "Advanced Digital Design VHDL", by Harman Singh Somal, Design Engineer Agiald Technology Pvt. Ltd, Pune was conducted for D7A students on 21 October 2015.
- A lecture on "AJAX & JQuery" by Mr Nayab Javad was conducted for third year students (D12A, D12B and D12C) on 12 September 2015.
- Mr. Subodh Gajare, Cisco delivered a lecture on "IT Global Trends and Triggers" for third year (D12B) students on October 3, 2015.
- Mr. Lakshmann Yedu (Consultant) delivered a lecture on "Design Patterns", for third year (D12A, D12B) students on 10 October 2015.
- Lecture on "Applications of Signal Processing" by Mr Ankit Bhurane, VNIT, Nagpur was organised for final year (D17A, D17B, D17C) students on 12 September 2015.
- Yati Gharat, SnPower, Norway delivered a lecture on "Network Security IPSec" for final year (D17B & D17C) students on 24th September 2015.
- Dr. Madhumita Chatterjee, PCOE, Panvel delivered a lecture on "Network Security Threats and Attacks" on 26th September 2015 final year (D17C) students.

#### Competitive Exams:

Students of the department have appeared for various competitive exams such as GRE (35), TOEFL (18), CMAT(04), CAT(02), GATE(10), and XAT (01).

- Atishay Aggarwal (D17 B) secured a score of 331/340.

V.E.S.

Since 1962

#### Winter programs/Scholarships:

- Winter School Programme

Winter School Programme on “ERP/SAP AND OPEN SOURCE TOOLS” was organized on 7th and 8th January, 2016.

- Scholarships

29 students were awarded with various scholarships from institutions like Geeta Israni Foundation Scholarship, Indiabulls Foundation, Parbhatibhai Scholarship, Student Aid Scholarship, Swami Vivekanand, Vivkanand Jyoti Scholarship, Shri Brihad Bharatiya Samaj, Suman Ramesh Tulsiani Charitable Trust, VES Education Fund and Mahalakshmi Temple.

#### Publications by the Department:

- Dr. Nupur Prasad Giri: *Parallel and Distributed Systems* published by Wiley, India at VESIT, Mumbai in the month of January.
- Dr. Nupur Prasad Giri: *Wireless Technology* published by Dreamtech Press in the month of July.
- Prof. Prashant Kanade: *Galitz's Human Machine Interaction* published by Wiley, India at VESIT, Mumbai in the month of January.

#### Internships/Research Experience:

32 students complete internships in various industries like Bhabha Atomic Research Center, Atos India Pvt Ltd, BPCL, Indian Railways, Reliance Industries Limited and Tata Consultancy Services among others.

#### Research Internships:

- Brijesh Modi ( D17 B) completed a research internship in the domain of Neuro sciences at Brown University under Mr Omar J. Ahmed, PhD. He also delivered lecture on “*Conductance Based Modelling Of Neurons*” on January 27,2016.
- Kanvi Parekh (D17A) interned at Quantum Information and Computation in the domain of “*Enhanced minimization algorithm for factorizing semi-primes*” under Tapas Samanta , VECC, Kolkata. She delivered a lecture titled “*Quantum Cryptography – The advent of Quantum Computing*” on October 1, 2015.
- Divyansh Saxena (D17B) did an internship in Data Analytics under Bernt Wahl, Former Engineering Faculty University of California, Berkeley. He delivered a lecture on “*Statistics and Computer science : Project at Berkeley Univ. of California*” on October 1, 2015.

V.E.S.

Since 1962

### Student Achievements:

#### POGIL - Process Oriented Guided Inquiry Learning:

POGIL is a learning cycle of exploration, concept invention and application which is the basis for many of the carefully designed materials that students use to guide them to construct new knowledge.

- Playfair Cipher, Hill Cipher, Vignere Cipher: Lakshmi Addepalli (Manager), Gowri Addepalli (Spokeperson), Harsha Jeshanani (Reader), Kirti Madhwani (Writer)
- SHA – 512: Nilesh Thadani, Paras Sing, Rachita Devakumar, Deepika Rohra

#### Exclusive learning program (ELP):

- Ishaan Malhi (D12A) underwent a certification course "Machine Learning" from Coursera for a period of 11 weeks from 10 August 2015-2 November 2015.

#### Exclusive scholar program (ESP):

- Piyush Mantri (D12B) is working on a project titled "MeDocs" under the guidance of Prof. Vidya Zope.

#### JPMorgan Code For Good Marathon: (held on 11 and 12 July 2015)

- Anoocha Sagar, Nisha Sajani, Rujuta Pimprikar, Saisaketh Ramireddy were the top 4 winners.
- Priyasha Gupta, Varsha Lokhwane, Bindu Chakoo were the winners of CFG 2015, Mumbai.

#### Entrepreneurship:

- Piyush Mantri, Deepika Singh, Radhakrishnan: S-Print, 2nd prize winners in E-Jack held by tVEC, in August 2015.
- Divyansh Saxena: crowdfunding platform- Kernl, Inc

#### Student Projects:

- Project titled "A Web based java application for simplifying work at BPO", made for Tata Business Support Services (as an intern) by Shashank Agnihotri.
- Project titled "Cryptanalysis of crypt and SHA-512 using Distributed Processing over the Cloud" (Research Paper in IJCA, October-2015 Edition) by Atishay Aggarwal, Pranav Chaphekar, Rohit Mandrekar.

V.E.S.

Since 1962

**Staff Activities:**

**Seminars and Workshops:**

- Short Term Training Program: ISTE Approved Short Term Training Program on “Big Data and Cloud Computing” was organized for the faculty from January 4 -January 9, 2016.
- Orientation of Parallel and Distributed Systems was held on 13 January 2016.
- NPTEL online certification courses by faculty:
  - Mrs. Anjali Yeole attended a course on Introduction to Information Security-I conducted by IIT Madras in April, 2015.
  - Mrs Indu Dokare attended a course on Digital Circuits and Systems conducted by IIT Madras from April to July, 2015.
  - Mrs Sunita Suralkar attended a course on Digital Circuits and Systems conducted by IIT Madras from April to July, 2015.
  - Mrs. Manisha Gahirwal attended a course on Database Design conducted by IIT Madras from February to May, 2015.
  - Mrs. Sharmila Sengupta attended a course on Principles of Modern CDMA/ MIMO/ OFDM Wireless Communications conducted by IIT Kanpur from July to September, 2015.

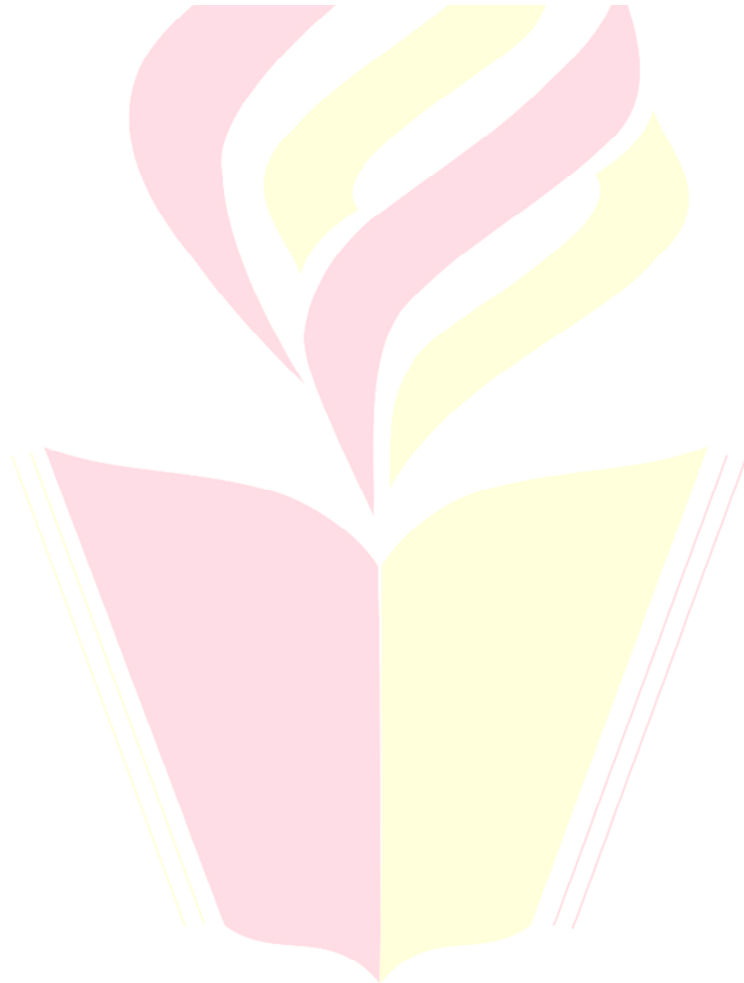
**Courses conducted by faculty:**

- Dr. Mrs.Nupur Giri conducted a course titled Orientation – CSS organised by Computer Department, VESIT on 21 July, 2015.
- Dr. Mrs.Nupur Giri conducted a course titled Orientation – CSS organised by Computer Department, VESIT on 11 January, 2016.
- Mrs.Gresha B. conducted a course titled Orientation – ERP organised by Computer Department, VESIT on 21 July, 2015.
- Mrs.Gresha B. conducted a course titled Orientation – E-commerce and E-business organised at Terna College of Engineering on 31 July, 2015.
- Mrs.Sujata K. conducted a course titled Cloudera Academic Training for Apache Hadoop organised by Computer, IT, MCA Department, VESIT from 29 August 2015 to 5 October 2015 for a duration of 6 weeks.
- Mrs.Sujata K. conducted an ISTE approved STTP on Big Data organised by VESIT from 4-9 January 2016 for duration of 6 days.

V.E.S.

Since 1962

- Mr. Prashant Kanade conducted a course titled Orientation – HMI organised by Sardar Patel Institute of Technology, Andheri on 6 January,2016.
- Mr. Prashant Kanade conducted a course titled Orientation – Big Data Analytics organised by VESIT on 5 January, 2016.
- Mr. Prashant Kanade conducted two courses titled "*Introduction to Programming Languages*" and "*Get Ready for Industries*" on 24 February and 1 March 2016 respectively. The courses were organised by Electronics and Telecommunication Department, VESIT.



V.E.S.

*Since 1962*



## Department of Instrumentation Engineering

The department of Instrumentation aims to contribute at a national as well as at an international level for excellence in technical education and research in field of Instrumentation by creating proactive, noble personalities and integrated individuals who will use the knowledge and be fully dedicated to the progress of society.

The department of Instrumentation had numerous highlights in the year 2015-2016.

### Results of 2015 batch:

The Instrumentation department had an overall pass percentage of 96% for the 2015 passed out batch, with Avinash Somanathan Chanda bagging the fourth rank in the University.

### Placement Record:

This placement season saw 42% of the eligible students placed. The top recruiters were Petrofac, Jacobs and Accenture.

### Guest Lectures:

- The Ex-GM Mr. Vasudeb Das from RCF delivered a lecture on "Compressor Control" on 6th October, 2015.
- Mr. Lalit Bangera, Business Development Head, Siemens Ltd., delivered a lecture on "Process Analytical Technology used in Pharmaceutical" on 7th October, 2015.
- Mr. Rakesh G, Dy Chief Engineer, Technip India Ltd. delivered a lecture on "Future Trends in Process Automation" on 9th October 2015.
- Mr. Prasiddh Trivedi, Research Scholar, SysCon, IIT, Bombay gave a lecture on "Missile Roll Stabilization" on 13th October, 2015.

V.E.S.

Since 1962

#### Seminars/Workshops:

- Training on Integrated Automation was conducted for teachers from 14th to 19th December 2015 by AIA Industry partners.
- AIA Campus Connect Programme was started in January 2016 with the first batch of 17 students getting trained by faculty of VESIT
- Labview Core 1 training under Labview Academy for students of TE Instrumentation from 4th to 8th January, 2016
- STTP was conducted on "Error Analysis in Engineering Applications" from July 6 2015 to July 10, 2015 for Postgraduate and PhD students by Instrumentation department.
- Workshop on "Arduino and PCB Designing" from 6 July 2015 to 08 July 2015 and 13 July 2015 & 14 July 2015 was conducted for faculty of VESIT by Instrumentation department.

#### Internships/Research Experience:

18 students of TE undertook Internships in various industries, like RCF, Technip, L&T Electrical and Automation and Tata Power.

#### Staff Activities:

- Harshavardhan Kadvekar, Sana Khan, Sangeetha Prasanna Ram, Dr. (Mrs.) J.M. Nair, S. Ganesan published a paper on "A Preliminary examination of Application of Unscented Transformation technique to Error Propagation in Nonlinear cases of Nuclear Data Science" accepted in Nuclear Science and Engineering on 18th January 2016.
- Four faculty members of the Department of Instrumentation underwent training on "Familiarisation of PLC-HMI software of Integrated Automation Lab" on December 2 and December 3, 2015.
- Four faculty members of the Department of Instrumentation also underwent training on "Prerequisite Course for Integrated Automation" on December 12, 2015.

## Department of Electronics & Telecommunication

The department's vision is to nurture students to become technocrats with a humane outlook. Department's strength lies in the well qualified, intelligent and diligent faculty. The laboratories are equipped with the state of art hardware and software so that our students are trained effectively and are able to apply their acquired knowledge and skills to solve real life technical challenges.

The department of Electronics & Telecommunication Engineering had numerous highlights in the year 2015-2016.

### Results of 2015 batch:

With an overall pass percentage of 100% for the 2015 passed out batch, the Electronics and Telecommunications department has one university rank holder: Ansari Nasheman (10nd Rank).

### Excellent Placement Record:

This placement season saw 70% of the eligible students being placed. The top recruiters were Diebold, Accenture, CapGemini, LTITL and ATOS among others.

### Awards and Laurels:

Raunak Dedhiya, Vivek Suhanda and Hema Soni, under the guidance of Prof Ranjan Bala Jain presented a paper titled "*Performance Analysis of Energy and Cyclostationary based Energy Detector*", at National Conference, Technological Advancements and Automation in Engineering in January 2016 at Atharva College of Engineering Mumbai and won Silver medal. The same is published in International Journal of Research in Engineering and Technology.

### Guest Lectures:

#### Undergrad:

- A Placement Skill Development Lecture was conducted by L&T on 12 August 2015.
- Mr. Sunil Khanna, Emerson delivered a lecture on "What do core companies expect from fresher engineering graduate?" on August 28, 2015.
- A Skill Enhancement Lecture on "*Application of Analog Communication*" by Mr. Ajay Verma, Ericsson Ltd was conducted on 12 September 2015.

V.E.S.

Since 1962

- Mr. Anil Verma, Ericsson Ltd delivered a lecture on "*Application of Circuit Theory & Transmission Lines*" on September 12, 2015..
- Mrs. Swati Ringe, Fr. C.R.C.E., delivered a lecture on "*Programming and Object Oriented Methodology*" on September 15, 2015
- A Skill Enhancement Lecture on "Applications of System Security" by Mr. Ritesh Nehete, ITIL Process Consultant, Cap Gemini was conducted on 29 September 2015.
- A Lecture on "*Start-up-An Idea & Process*" by Mr. Gauresh Vanjare, founder member, Indi Youth was conducted on October 1, 2015.
- Mr. Shahid Khan delivered a Skill Enhancement Lecture on "*CPLD-FPGA: The Current Trend in Electronics Industry*" on October 1, 2015.
- Mrs. Anita Diwkar, Research Scholar, IIT Bombay delivered a lecture on Activity on Virtual lab on 17 February 2016.
- Dr. Sanjay Thakur, HOD of Electronics Department, Shri L. R. Tiwari College of Engineering delivered a lecture on "*General Concepts on Electromagnetics & it's Applications*" on February 27, 2016.

#### Postgrad:

- Expert lecture on '*Medical Image Analysis*' by Dr. Saylee Gharge, Professor, Dept of Electronics and Telecommunication Engineering was organized for staff and PG students under VESIT Research Forum on 16th Feb 2016, Coordinator VESIT Research FORUM, Dr. Nadir N. Charniya Professor, Dept of Electronics and Telecommunication Engineering.
- Expert lecture on Ph.D. topic '*Capacity Analysis in OFDMA based Cellular System*' by Dr. Ranjan Bala Jain, Professor, Dept of Electronics and Telecom Engineering was organized for staff and PG students under VESIT Research Forum on 18th January 2016 Coordinator VESIT Research FORUM, Dr. Nadir N. Charniya Professor, Dept of Electronics and Telecommunication Engineering.

#### Seminars/Workshops:

- VESIT Renaissance cell (VRC) conducted a three-day workshop on "*HDL Programming Through FPGA-Part1*", from 4 January to 6 January 2016. This activity was part of VRC's skill development program (SDP). Initiated this year, students from the EXTC department participated in the workshop. The program was conducted by Mr Mrugendra Vasmatkar, Assistant Professor, Dept of Electronics and Telecommunication Engineering.

#### Publications/ Paper Presentations by the Department:

- Chirag Bafna (D19B) presented a paper on "*Air Canon Based Electronics Life Guard System*" at the ICGCIOT-2015 IEEE Conference October.
- Chirag Bafna, Ankit Berde, Simeran Sharma, Karan Jashnani (D19 B) presented a paper titled "*Pipelined Processor For Image Compression Through Burrows-Wheeler Transform*" at Indiacom-2016 IEEE Conference .
- Paper titled "*Low Power Wireless Health Monitoring System*" was presented at the ICACCI-2015 IEEE Conference, August by Vinayak Kini, Chinmay Patil and Siddhesh Bahadkar (D19).

#### Internships/Research Experience:

Students are encouraged to attend summer/ winter training/ workshops in industries.

Winter Internship and Vocational Training was taken up by students in various companies such as BARC, SAMMER, Reliance Jio Infocoom Ltd., BPCL, Indian Railways, Onida, AirIndia, AirTel, BSNL and GeBBS Healthcare Solutions.

#### Staff Activities:

##### Workshops:

- The Wireless lab with D-link provides an opportunity to learn the upcoming technologies.
- MOU has been signed with D-Link and D-Link certified specialist program has been conducted for the staff. Workshops were conducted by an Expert from D-Link, Around twelve faculty members and four lab assistants got certified as D-Link Specialist
- D-Link Certified Specialist course on Wireless was conducted from 07 April 2015 to 09 April 2015
- D-Link Refresher course on Wireless was conducted on 4 & 5 January 2016

V.E.S.

*Since 1962*

#### Industrial Visit:

Industrial visit for the faculty of our dept was organized at the following industries to learn about the latest technologies in various domains:

- Fiber Optica Technologies Pvt. Ltd., Vashi on 8th July 2015.
- Reliance Gio Infocom ( R & D) on 8th July 2015
- Satellite Earth Station, Yeoor on 10th July 2015.
- EQDC / Modern Communication & Broadcasting, Ahmedabad from 20 December to 24 December, 2015.
- To improve the employability of Department Electronics and Telecommunication, Training and Placement Cell (GRIN) started '*Finishing Schools*' to bridge the gap between academic curriculum and industry expectations. It was conducted by Mrs. Rasika Naik, Mrs. Anuradha Jadiya and Mrs. Usha Narayan, under the guidance of Prof. Ranjan Bala on February 24, 2016 for the third year students.
- Dr. Nadir Charniya with M.E student Ms. Lakshmi Vinayakvitthal filed and published the patent on "*Glitter Seal Authentication and Tamper Detection using Neural Networks*" in the Patent Office Journal.
- Mrs. Shoba Krishnan and Mrs. Anuradha Jadiya received a minor research grant from Mumbai University for their project on "*Blind Navigation System*" and Mr. Shobhit Khandare for his project on "*Automated Medicine Dispensing System*".

#### Paper Publications by Staff:

- Dr. Ramesh Kulkarni published a paper titled "*Indoor Radio Propagation Model Analysis Wireless Node Distance and Free Space Path Loss Measurement and Using Ultra-wideband (UWB) Technology*" in the International Journal of Engineering Research & Applications in June 2015. ISSN: 2248-9622.
- Dr. Saylee Gharge published a paper titled "*Recognition of Facial Expression Using LBP & Neural Network*" at the ThinkQuest International Conference on 'Contours of Digital Technology'. ISBN 978—93-5254-002-0
- Dr. Saylee Gharge published a paper titled "*Facial Expression Recognition using Gabor Filter*" in the International Journal of Advanced Information Science & Technology. ISSN 2319-2682

V.E.S.

Since 1962

- Dr. Saylee Gharge published a paper titled "*Neural Network based Facial Expression Recognition System*".
- Mrs. Monali Chaudhary published a paper titled "*A Review on Face Detection and study of Viola Jones method*" in the *International Journal of Computer Trends & Technology* in July 2015. ISSN 2231-2803
- Mrs. Ashwini S. Sawant published a paper titled "*Single Image Super-Resolution Using Joint Dictionary*" in the *International Journal of Scientific & Engineering Research* in MONTH. ISSN 2229-5518
- Mr. Gaurav Tawde published a paper titled "*Performance Analysis of Single Dictionary Learning for Single Image Super-Resolution*" in an international journal for *Graphics, Vision & Image Processing* in December 2015. ISSN 1687-398X
- Ms. Himali Patel published a paper titled "*Design & Development of FPGA Based VME Bus Controller*" in the *International Journal of Engineering Research* in July 2015. ISSN 2319-6890
- Ms. Rasika Naik published a paper titled "*Smart Attendance Management System (SAMS)*" in the *Journal of Emerging Technologies and Innovative Research (JETIR)* in February 2016. ISSN-2349-5162



*Since 1962*

## Department of Information Technology

The Department of Information Technology is committed to continually improve its educational environment, in order to develop graduates with the strong academic and technical backgrounds needed to achieve distinction in the discipline.

The Department of Information Technology had numerous highlights in the year 2015-2016.

### Results of 2015 batch:

With an overall pass percentage of 96.1% for the 2015 passed out batch, the Department of Information Technology has three university rank holders: Ms. Anagha Kelkar (4th Rank), Ms. Darpan Lalwani (19th Rank) and Ms. Gayatri Yeole (40th Rank).

### Placement Record:

This placement season saw 72.05% of the eligible students placed. The top recruiters were JPMC, Accenture and CapGemini.

### Awards & Laurels:

Manish Bharthi of D20 won the V.E.S. Shresththa Certificate Award. He also runs an NGO called Kartavya Foundation.

### Guest Lectures:

- Mr. Mahendra Mehra, Consultant Ethical Hacker, conducted a session on "HAPROXY Load Balancing" on September 3, 2015.
- Mrs. Anita Diwakar, IIT Mumbai, conducted a session on "Know Your ARM Processors" on October 5, 2015.
- Dr.(Mr.) Prasad Ramanathan, i-Gate technologies, conducted a session on "AI Applications" on October 10, 2015.
- Mr. Haresh Joshi, Crompton Greaves, conducted a session on "Cloud Computing: Case Studies" on October 10, 2015.
- Denis Auroux of MIT conducted a session on "Introduction to Line Integral" on October 6, 2015.



- Mr. Rugved Deolekar, VIT conducted a session on “Analysis of Algorithms” on September 21, 2015

#### Competitive Examinations:

- Omkar Patil scored 327/340 in the GRE.
- Shubham Barhate scored 324/340 in the GRE.
- Shraddha Subhedar scored 320/340 in the GRE.
- Varsha Lokwane (D20) won 1st Place in Code for Good, a coding contest conducted by J P Morgan.
- Saisaket Ramireddy (D20) won 3rd Place in Code for Good.
- Shyam Singh (D15) qualified in the regionals for ACM ICPC.

#### Summer/Winter Programs/Scholarships:

- Winter School Programme

Various Winter School Programmes were held for D10, D15 and D20 with Mrs. Roopkala Ravindran, Mr. Parth Chandarana, Mrs. Vidya Pujari, Mr. Amit Singh, Mrs. Asma P, Prof. Shalu Chopra, Mrs. Charusheela N, Mr. Manoj S and Prof. M.Vijayalakshmi overlooking them.

- Scholarships

4 students from D10, 3 students from D15 and 6 students from D20 were awarded various scholarships from institutions like Suman Tulsiani, Student's Aid Scholarship, Ratan Tata and Geeta Israni Foundation Scholarship.

#### Seminars/Workshops:

Various seminars were conducted for the students of all 3 classes.

- Students of D10 attended the The Entrepreneurship Summit 2016 organised by IIT Bombay E-Cell.
- D15 students attended workshops like SAP and ERP Technology (by TCS), Raspberry Pi (by EXTC, VESIT) and Python Programming (by EXTC, VESIT).
- D20 students attended HDL Programming (using FPGA) workshop.

#### Paper Publications:

Arjun Bhadra, Darpan Lalwani and Komal Mukadam, all from D20, published a paper on “System For Review, Recommendation and Sentiment Analysis of Electronic Gadgets” in the International Journal for Computer Applications in May 2015. The ISSN is 2321-3469.

- Meghna Peswani (D15) and Deepika Singh, Piyush Mantri, Sagar Bhojwani (all from CMPN department) published a paper on *"Document Retrieval using Multi lingual Keywords"* in Communication on Applied Electronics in December 2015 with ISSN 2394-4714.
- Dr. Mrs. Shanta Sondur published a paper on *"A Survey on Evaluation and Improvement Techniques for Recommendation Systems"* in The International Journal of Innovative Research in Computer and Communication Engineering in October 2015 and another on *"Design of Closed loop control for Disturbance Rejection in Oscillatory system based on PICS and Magnitude Optimum"* in December 2015 at the IEEE International Conference on Trends in Automation, Communication and Computing Technologies in Bangalore on 21 and 22 of December, 2015 with ISSN 2320 - 980.
- Mrs. Smita Jangale published a paper on *"A review on enhanced technique for detection of malicious web crawler"* in October 2015 in The International Journal of Innovative Research in Computer and Communication Engineering with ISSN number 2320-9801, *"Generalized-slicing a new technique to protect identity disclosure in Slicing"* and *"Hybrid techniques for data privacy preserving"* both in September 2015 in the International Journal of Advanced Engineering Research and Applications with ISSN number 2454-2377 and 2454-2377 respectively.
- Mrs. Vinita Mishra published a paper on *"Hybrid techniques for data privacy preserving"* and *"Generalized-slicing a new technique to protect identity disclosure in Slicing"* in the International Journal of Advanced Engineering Research and Applications in September 2015 with ISSN 2454-2377.
- Mrs. Charusheela Nehete published a paper on *"An overview and method for topic extraction and sentimental analysis of chats"* in The International Journal of Innovative Research in Computer and Communication Engineering in October 2015 with ISSN 2320-9798.
- Mrs. Asha Bharambe published a paper on *"Aspect Based Opinion Mining and Ranking: Survey"* in International Journal of Current Engineering and Technology in December 2015 with E-ISSN 2277 – 4106.

#### **Internships/Research Experience:**

9 students have completed internships in various industries like Noyo Systems, Bucket-Bolt, KeyQual and Snaidu Pvt. Ltd. in domains like application development, web designing and content writing.

#### **Student Achievements:**

- Shubham Ghosalkar and Siddesh Mhadnale (D10) are working with a start-up called *"studyleague.com"*.

V.E.S.  
Since 1962

- Mandar Joshi participated in the Google Summer of Code, during the months May 2015- August 2015, and was awarded a stipend from Google.
- Nikita Kandalkar, Grishma Bhatt and Dinesh Rajpal (D15) presented a national level technical paper on Bionic Eyes, Augmented & Virtual Reality, Brain Finger printing and Mechatronics.

**Staff Activities:**

- The staff attended a course on BigData held by Accenture for a week, starting from 4th January to 9th January.
- Mapleton Technology on behalf of IBM conducted training for IBM Rational SEED for Cognos BI Program on the 10th, 11th and 31st of July and 1st August, 2015.



*Since 1962*

## Department of Masters in Computer Application

Department of Master of Computer Applications is committed to excellence in teaching, and inculcating a sense of pride and confidence in our students. The objective is to empower our students with latest technical knowledge and skills by providing them with the best teaching faculty, lab facilities and excellent research and development environment.

The department of MCA had numerous highlights in the year 2015-2016.

### Results of 2015 batch:

With an overall pass percentage of 91% for the 2015 passed out batch, the MCA department has one university rank holder from the final year: **Mr. GadaTeni** (3rd Rank).

### Excellent Placement Record:

This placement season saw 87.5% of the eligible students being placed with 12 students receiving more than one job offers. The top recruiters were Nomura, General Mills and Accenture.

### Guest Lectures:

- L&T Infotech organized a session on *"Big Data Analytics & Internet of Things"* on February 16, 2016 for MCA Second year students.
- Mr. Ninad Singh from General Mills gave a lecture, on the topic *"Virtual Machines Technology"* for MCA Final year students, on 28 September 2015
- Mr. Jigar Pandit from General Mills gave a lecture on the topic *"Tools and Techniques used in IT industry for managing the Project"* for Second year MCA students on 9 October 2015.
- Ms. Deepika Panwar from MasTek delivered a guest lecture on the topic *"DBMS connectivity using Programming Languages"* for Second year MCA students on 12 October 2015.
- A session on *"Ethical Hacking and Cyber Security"* was conducted by Ms Aishwary Bramhecha from Jain Infotech on 6 October 2015.

V.E.S.

*Since 1962*

#### Winter programs/Scholarships:

##### Winter School Programme

- Sessions on "Open Source Tools" were also conducted by General Mills for MCA, Computer Engineering and Information Technology students under winter school.
- Resource person from TCS conducted session on "ERP/SAP" and "Enterprise Architecture" for MCA, Computer Engineering and Information Technology students under winter school.

#### Seminars/Workshops:

VESIT in association with Cloud Era conducted a course for MCA Final year Students on "Big Data and Hadoop" by Prof. Sangeeta Oswal at VES Institute of Technology.

#### Publications/Paper Presentations by the Department:

- MCA second year students RinkeshYadav, Nilesh Sharma, Hitesh Patil, Yashoda Bhat, Vinaya Poojari, Sangita Yadav presented research paper titled "Evolving as a Smart College: Concept, Opportunities and Challenges" at a two-day national conference organized by VES College of Arts, Science and Commerce held on 17 and 18 February 2016.
- Hitesh Patil, Suraj Kutteri and Sachith Poojary published a research paper on the topic "E-CraftManShip" in International Journal Environment Technology and Management in September-October 2015. ISSN: 23946881 IJETM VOL.2 ISSUE 5;
- Mandar Deshpande, Shyamsunder Goswami and Rohan Jathanna published paper on the topic "Recommanders in E-Commerce" in International Journal of Advanced Research in Science, Engineering and Technology in October 2015 ISSN: 23500328, VOL. 2, ISSUE 10, OCTOBER 2015

#### Student Achievements:

- MCA 1st year students won the SPURTI trophy in the college sports festival.
- MCA 1st year student, Melwyn M Castelino, bagged the winner position in Coding Contest organized by SPICE this year.
- MCA 2nd year Students Achilleus Almeida, Thundiya Ceena Joseph, Minhajul Shaikh won the GD contest organized by SPICE this year.

V.E.S.

Since 1962

#### Student Projects:

- MCA final year student Hussein Rafik Kothari worked on a project "App Dev Dash board" for General Mills.
- Vinay Karajagi from MCA final Year completed a project in "Production Services Automation and Management" for General Mills.
- Teni P Gada from MCA final year worked on "WP Airline Reservation System" for Wisdomlabs.
- Pallavi Choudhari , Ashwini Pawar and Mukesh Kumar Patel completed project on "Icompet- (Online Competition Portal)" .
- Kapil Mankani, Jinesh Nair and Shrimant Gauda from MCA final year worked on a project based on *Property Rental for ACESYS*.
- Rahul Sonawane from MCA final year worked on "Pymgy Bankng App" for Mservices Solutions.
- "Multi Domain info fusion" for Corbz Data info solutions was completed by Prasad Chudiwal from MCA final year.

#### Staff Activities:

- Mrs. Nishi Tiku was co-convenor and Mrs. Indira Bhattachariya was in the organizing committee of two days workshop on "Research Paper Publication and Patent Search" which was conducted in collaboration with Mumbai University at SPIT Andheri in February 2016.
- Mr Sunny Nahar, Mr Ramesh Solanki and Mr Ameya Parkar attended workshop on "Research Paper Publication and Patent Search" at SPIT Andheri in February 2016.
- Mrs. Nishi Tiku and Mr. Ameya Parkar were in the organizing committee of ISTE approved STTP on "Big Data Analytics" in January 2016.
- Mr Shiv Kumar Goel attended seminar on "Higher Education Recent Trends and Emerging issues and Future Outlook" at Narsee Monjee Institute of Management Studies in August 2015.
- Mrs Rohini Temkar, Mr Ramesh Solanki, Mrs Dhanamma Jagli , Mr Dashrath Mane, Mr Sunny Nahar, Mrs Ruchi Rautela , Mrs Meenakshi Garg, Mrs Shireesha Yeddu, Mrs Vaishali Gatty and Mrs Archana C, completed ISTE approved STTP on "BIG DATA ANALYTICS" in January 2016 at VESIT.
- Mrs Shireesha Yeddu and Mrs Vaishali Gatty attended STTP on "Open Source Tools for Engineering Curriculum" at PVPC, Mumbai

V.E.S.

Since 1962

- Mrs. Geocey Shejy successfully completed course on “*Knowledge Engineering with Semantic Web Technologies*” by OPEN HPI.
- Mrs. Dhanamma Jagli successfully completed course on “*Data Analysis and Statistical Inference*” by DataCamp.
- Mr. Ramesh Solanki has successfully completed the D-Link Certification (Wireless).

#### Awards and accolades:

- Our faculty member Mrs. Indira Battacharya was awarded with “*Innovative Teaching Practices*” by AADHAR SHILA VESLARC.
- Mrs. Indira Battacharya was awarded with “*Certificate of appreciation for contribution in Academic Excellence*” by VESLARC.

#### Seminars:

- Mrs. Sangeeta Oswal, gave an expert lecture on “*Apache Spark*” under VESIT Research Forum by in October 2015.
- Mrs. Sangeeta Oswal delivered session for ISTE approved STTP on “*Big Data Analytics*” organized from Jan 4th-9th 2016 at VESIT.
- Mrs. Geocey Shejy delivered an expert talk on “*Creating and Using Manually Generated IP Packets*” under VESIT Research Forum on 19th October 2015.

#### Paper Publications

- Mr Shiv Kumar Goel published a Research Paper on “*Understanding Internet of Things and Its Application to Deal with Medical Emergency*” in International Journal of Computer Applications at International Conference on Computer Technology (ICCT 2015) September 2015 ISBN : 973-93-80888-60-3 pg35-39 .
- Mr Shiv Kumar Goel published a Research Paper on “*E-CraftManShip- The Aviation Medicine*” in International Journal of Engineering Technology and Management (IJETM) September-October- 2015; Volume 2, Issue 5; September-October-2015; Page No. 05-08

- *Techniques and Implementation of Various Methods for Attack Detection And Prevention* in June 2015 at International Journal for Scientific Research & Development. ISSN (online): 2321-0613
- Mrs Rohini Temkar published a paper on *"A Fuzzy Reasoning Approach to Determine Various Optimize Paths between Two Locations on a Transport Network Including Nature's Condition as Factor"*, in the International Journal of Science and Research (IJSR) ISSN (Online): 2319-7064
- Mrs Dhanamma Jagli Published a paper on *"3-stage Authentication system"* In International Journal of Scientific & Engineering Research, Volume 6, Issue 5, May-2015. ISSN 2229-5518
- Mrs Dhanamma Jagli published a paper on *"Understanding SQL Injection Attack Techniques and Implementation of Various Methods for Attack Detection And Prevention"* in June 2015 at International Journal for Scientific Research & Development. ISSN (online): 2321-0613
- Mrs Dhanamma Jagli Published a paper on *"NFC in Web Application for Data-Entry"* in June 2015 at International Journal of Scientific & Engineering Research ISSN 2437-3878
- Mrs Dhanamma Jagli Published a paper on *"Cloud Dataflow using Millwheel and Flume Java"* at International Journal for Scientific Research & Development in 2015 ISSN (online): 2321-0613
- Mrs Dhanamma Jagli also published a paper on *"Innovation Technique of State Transition Testing Used to DBT"* at Informatics Engineering, an International Journal (IEIJ) in June 2015, ISSN : 2349 – 2198.
- Mr Dashrath Mane published paper on *"Integration of big data in cloud computing environments for enhanced data processing capabilities"* in the International Journal of Engineering Research and General Science, Vol3(3) in June-July 2015. ISSN: 2091-2730
- Mr Dashrath Mane published paper on *"Noise reduction in camera captured images in android applications"* International Journal of advanced research in computer engineering and technology, Vol2(6) in June-July 2015. ISSN: 2278-1323, 2015
- Mr Dashrath Mane published paper on *"Utilizing big data,cognitive computing and big data testing to deduce optimized result based decisions"* in the International Journal of Engineering Research and General Science Vol3(3) in July 2015. ISSN-2091 -2730 .



- Mr Dashrath Mane published paper on "A Fuzzy Reasoning Based Approach for Determining Suitable Paths in Spatio-Temporal Application" in the International Journal of Computer Science and Information Technology Research, Vol3(2) in June 2015 ISSN 2348-1196 (print) ISSN 2348-120X (online).
- Mr.Ramesh Solanki published paper on "Electronic Drug Reminder :A New Innovation In The Domain Of Automatic Drug Dispensers" in International Journal for Scientific Research. ISSN 2319-7064
- Mr Ameya Parker Published a research paper on the topic "Performance Analysis of Automation Testing Tools for WPF Application" at International Journal of Research in June 2015. e-ISSN: 2348-6848, p- ISSN: 2348-795X
- Mr.Ramesh Solanki published paper on " Pantry Car Automated System" at International Journal of Science, Engineering and Technology Research. ISSN 2319-7064
- Mr Ameya Parker published a research paper on "Location based Push Notification Service using iBeacon and Amazon SNS" at International Journal for Scientific Research & Development ISSN (online): 2321-0613
- Mr Ameya Parker published paper on "Improving Efficiency of Automation Testing Using Cloud Computing" at International Journal of Science, Engineering and Technology Research (IJSETR) in June 2015. ISSN: 2278 – 7798
- Mr Ameya Parker published paper on "Cloud Migration – Making a Flawless Path" at International Journal of Science and Research (IJSR) ISSN (Online) 2319-7064
- Mrs Ruchi Rautela published a research paper on "Responsive Web Design", International Journal of Research Fellow in June 2015 ISSN: 2320-7396
- Mrs Ruchi Rautela published a paper on "Technologies, Application Domains and Issues of Internet of Things (IOT)," International Journal of Science, Engineering and Technology Research , in June-2015 ISSN: 2319-888.
- Mrs Indira Bhattacharya published a paper on "Code Quality Health Check" at International Journal of Science, Engineering and Technology. ISSN:2278-7798
- Mrs Indira Bhattacharya published a paper on "Characterizing Interesting Patterns from Uncertain Data by Reducing the Search Space for Big Data Mining" at International Journal of Research Fellow for Engineering ISSN:2320-7396

V.E.S.

Since 1962

- Mrs Meenakshi Garg published a research paper on "A review on Ejectable Versus Non-Ejectable Flight Data Recorder" at International Journal of Science, Engineering and Technology in June 2015. ISSN: 2278 – 7798.
- Mrs Vasihali Gatty published a paper on "Enhancement of a Road Sign Board using wireless Sensors", at International Journal on Recent and Innovation Trends in Computing and Communication in June 2015 ISSN: 2321-8169.
- Mrs Shireesha Y. published a paper on "Internet Bandwidth Explosion: An Alternative to Submarine Cables ", International Journal of Computer Applications in September 2015 ISBN: 973-93-80889-41-9)



*Since 1962*

## Department of Humanities and Applied Science

The department of Humanities and Applied Sciences had numerous highlights in the year 2015-2016.

### Student Activities:

#### Awakening the Scientist:

Awakening the Scientists is an opportunity given to the First Year students where they can hone their professional skills and master the art of working in group and teams. In this competition students have to divide themselves in groups, where they identify and analyze the application of basic sciences like Physics, Chemistry, Mechanics and Mathematics used in equipment, gadgets and tools found in day to day life. This year forty seven groups registered for the competition.

Rank	Class	Name of the group members	Topic
I	FE9	Utsav Das Kaushal Bhogale Nishant Shankar	Batteries
II	FE7	Omkar Tulaskar Jay Kulkarni Rushikesh Baraskar Sankalp Tripathi	Plasma Gasifier
III	FE7	Richa Gupta Mayuri Moorthy Sayli Bodas	MRI Machine
III	FE5	N SaiSrisha Abhishek Chabra Tarasha Agarwal Gayatri Ganpati	Scientific Calculator
Consolation	FE1	Abhigya Upadhyay Dnyanal Berde Siddhant Yeole Mughda Sonawane Varad Tole	Maglev Trains
Best Speaker	FE5	N SaiShankar	
Most Promising Speaker	FE1	Sai Prahlad	

#### Inter class Drama Competition:

Play Off, a drama competition, exclusively for the FEs, in its maiden run was received with utmost excitement by all. This Drama Competition gave an opportunity to a large number of students to display their theatrical talents on the stage. The participants gave mind boggling performances which thrilled the audience. The theme chosen for the elimination round was "Love with a Social Cause" which was introduced to broaden the horizon of minds of the young generation and to educate them. The finale was based on the theme "Survival of Love". FE9 and FE3 bagged the First and Second Prize respectively.

V.E.S.

Since 1962

#### Seminars/Workshops:

- **ROBOTICS Level-1 Workshop by PRAXIS ROBOTICS Team:** A workshop providing hands on experience of developing a level-1 robot was conducted from 29 September to 30 September 2015 at E.D. Hall, Ground Floor at VESIT. The workshop conducted exclusively for the First year students by the Praxis Robotics Council to impart knowledge of building a level-1 robot, in order to acquainted them to the basics of robotics.
- **Workshop on XHTML and CSS by Edumate Solutions:** A workshop on XHTML and CSS was conducted by Prof. Sameer Velankar, Edumate Solutions, on 4th October 2015. The basics behind website designing were taught in a comprehensive manner and the students were also trained for how to create a basic website. It was followed by a test to check the ability of the students to create a website. A total of thirty five students participated in this workshop.

#### Faculty News:

##### Research Paper Publications by the Department:

Dr. Maya Bhat

- Published a paper titled "Rheological Studies of Mixtures of CTAB and CPYCL with Butyl Benzene Sulphonate" in the International Journal of Chemistry 2015 volume (4)3 July-September 2015.ISSN: 2249-2119.
- Published a paper titled "Surface tension studies and molecular interaction of surfactant hydro trope mixtures" in the International Journal of Chemistry, volume 5(1), in January-March 2016. ISSN: 2249-2119.

Ms. Geeta Ajit

- Published a paper titled "The Subaltern in Arundhati Roy's The God of Small Things" in Research Drops: A Referred International Journal, ISSN 2231-105X, Vol 5 Issue 2, September 2015.pp1-7
- Presented and published a paper titled 'Status of Women in Transitional Society in Amitav Ghosh's The Hungry Tide' at National Seminar organized by ICSSR on 'Status of Women in Transitional Society; held at B.L. Almani College of Commerce & Economics and M.R.Nathwani College of Arts, Mumbai on 7 August, 2015. pp.281-284 I SBN:978-93-5212-846-4
- Presented and published a paper titled 'Women's identity and agency in Contemporary Society' at the ICSSR International Conference on Contemporary Challenges before Women's Studies held at B.L. Almani College of Commerce & Economics and M.R.Nathwani College of Arts, Mumbai on 5 December 2015. Vol. IV, Issue 2, Nov-Jan 2015. pp. 67-70 ISSN:2319-2429.
- Presented and published a paper titled 'The Muted Gender in Adichie's Purple Hibiscus" at the Interdisciplinary International Conference on New Trends in Humanities,

V.E.S.

Since 1962

Ms. Pooja Kundu

- Presented a paper entitled "*Law in Literature: A Study of Selected Texts*" at the Interdisciplinary International Conference on New Trends in Humanities, Gender and Cultural Studies, held on 9 and 10 October 2015.

**Staff Activities:**

**Workshops/Seminars:**

- Mr Ravi Shankar attended a workshop on R Programming held at ICT, Matunga from February 2016.
- Ms. Ramya Tirumalasetti attended AIA workshop at VESIT in December 2015.
- Ms. Lily Pradhan attended the Indian National Science Congress in January 2016.
- Mrs. Manisha Tiwari attended the Indian National Science Congress in January 2016.
- Mrs. Manisha Tiwari attended a Resource Generation camp for Physics Olympiad TIFR, Mumbai from 1-3 October, 2015.
- Mrs. Geeta Ajit conducted a Communication Enhancement Course for VESIT Non-teaching Staff at VESIT in December 2015.

**Faculty Development Programs & Short Term Training Programs Attended:**

- Mrs. Manisha Tiwari attended an STTP on Engineering Physics Conducted by IIT Bombay from 8 to 18 December, 2015.



*Since 1962*