



# VESIT CONNECT

NEWSLETTER  
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## Independence Day Message from the Principal

Our Prime Minister Narendra Modi recently highlighted the resolve of 125 crore Indian as “Team India” to root out the termite of corruption and to make India a developed nation by 2022- 75th anniversary of Independence. As “Team VESIT” – “Management staff and students” also should resolve to root out corruption at our level. Dear students, all of you are really lucky to study in an institute which has surrendered management quota to government thereby rooting out corruption which can happen in this regard. Kudos to our top layer of “Team Vesit”-“Management”. We staff and students can try to contribute to this cause by deciding simply to follow rules and regulations and accepting our rank in the merit list let it be admission or placement. At student level, many times we aspire to achieve something which we may think is correct because of peer pressure for example every student aspire to get admission in computer engineering now a days thinking that this is the only branch that can fetch a job, which is not actually true. The advice of senior industry experts, placement incharges, academicians fall into deaf ears, many a times. As you all know our admission process is a transparent process. So as students by simply accepting your rank in the merit list, accepting the branch you get as per your merit number and not trying to use all possible external influences such as parental contacts, to jump the queue, you have already contributed your bit in rooting out corruption in this front as “Team VESIT”. We congratulate all of you for this and are proud of you. After one joins the institute also, there may be many tempting instances to use unfair means, we are sure all VESITIANS will overcome such temptations.



Dr. J. M. Nair  
Principal

My dear students let us resolve together to work together to eradicate the termite of corruption at our end. Please remember all that is achieved without merit is not going to serve you in future

## VESIT Professor wins the Best Paper award at an International Conference

-by Prof. Geeta Ajit

Fleet Vehicle Routing Problem” received “Best Paper Award” has been published in IJARSE, Volume 05, Issue 08, August 2016. ISSN 2319-8354. To view the paper, please link to: [http://www.ijarse.com/images/fullpdf/1471607464\\_221\\_IJARSE.pdf](http://www.ijarse.com/images/fullpdf/1471607464_221_IJARSE.pdf)

The objective in this paper was to find a feasible set of vehicle routes that minimizes the total travelling distance with the deployment of vehicles of various capacities. Here an algorithm is designed to provide optimal solution which among others also manages real-time constraints.



Prof. Barnali Saha awarded Best Paper Award at at the 6th ICRISEM 2016

Congratulations to Prof. Barnali Saha for receiving the “Best Paper Award” at the 6th International Conference on Recent Innovations in Science, Engineering & Management. (ICRISEM-16), held at IIMT College of Engineering, Greater Noida, India on 20th August, 2016. ( ISBN::978-93-86171-03-0)

The conference received 211 papers, from which 81 papers were shortlisted by the committee for presentation at the conference. The final program had representations from Europe, North America and Asia. Prof. Barnali Saha’s paper titled ‘Optimization Hetrogeneous

## Research Proposal of Electronics Engineering Department Approved & Sanctioned by ISRO under Mars Orbiter Mission – An Opportunity (MOM-AO)

Heartiest congratulations to Prof. Abhijit Shete, Prof. Parmeshwar Birajdar and Prof. Yogesh Pandit, Department of Electronics, VESIT on their research proposal being approved by the Indian Space Research Organisation (ISRO). The research proposal was submitted under MOM – AO.

The Indian Space Research Organization (ISRO), Department of Space (DOS), Government of India, announced an opportunity to carry out scientific research using the data from Mars Orbiter Mission. MOM is ISRO’s first interplanetary space probe dedicated for Mars research. MOM was launched from Sriharikota, India using a Polar Satellite Launch Vehicle (PSLV) rocket on 5 November 2013.

Five on-board scientific instruments - Mars Colour Camera (MCC), Thermal Infrared Imaging Spectrometer (TIS), Methane Sensor for Mars (MSM), Lyman Alpha Photometer (LAP) and Mars Exospheric Neutral Composition Analyser (MENCA) are being used to study the atmosphere, surface mineralogy and topography of the planet. The science objectives of ISRO’s Mars Orbiter Mission include exploration of the planet’s surface and atmosphere. This requires observations on geologic and atmospheric processes acting on Mars. Considering these requirements, the above five scientific payloads have been flown onboard MOM.

The proposed research work by the team is related to surface geology, composition and morphology of Mars, by utilizing the data captured by the on-board sensors. In addition, the Mars Orbiter Laser Altimeter (MOLA) database of NASA will also be utilized in this research work. The research will be carried out during the next three years. Funding for this research project is sanctioned by ISRO.

The team would like to convey their heartfelt thanks to VES Management, Principal Dr. J. M. Nair, Vice Principal Dr. Vijayalakshmi M. and Prof. Kavita Tewari, Head of Department, Electronics for their constant support and encouragement during the project approval phase.



R-L: Prof. Abhijit Shete, Prof. Parmeshwar Birajdar and Prof. Yogesh Pandit

# Blood Donation Camp

-by Neha Menon

*The blood you donate gives someone another chance at life. One day that someone may be a close relative, a friend, a loved one—or even you.*

-redcrossblood.org

VESIT, in association with State Blood Transfusion Council (SBTC), organized a blood donation camp on the July 22nd. It was held in room no. 013. The blood donation camp was an initiative by the VESIT social responsibility team (SoRT), which has previously taken up many such endeavors. The students of VESIT too played an active part in this noble cause.

The camp was an all-day event. The interested candidates had to first fill in a form containing their personal as well as health related details like previous health issues. They were then handed a questionnaire on the basis of which it would be decided whether the student is eligible to give blood or not. It included questions pertaining to treatments done in the previous six months, alcohol consumption and medications taken. After this the eligible candidates were further filtered out by testing the blood for its hemoglobin level and the likes of it. On passing

this test the donors were each given bags of 350ml for blood and platelet collection and were asked to wait for their turn. After the blood donation, they were offered refreshments and given certificates and a pen. There were many volunteers from the SBTC who were collecting blood while those from SoRT were helping them by organizing the crowd and taking up the registration desk. There was also a doctor at the venue to help in case something went wrong.

All in all, the event was a huge success with the students feeling buoyant at the thought of contributing to the society. This is not the last time VESIT will do something for the greater good of the people and it is certainly not the last time that the students will endeavor to make it the best.



Blood donation drive in progress at VESIT



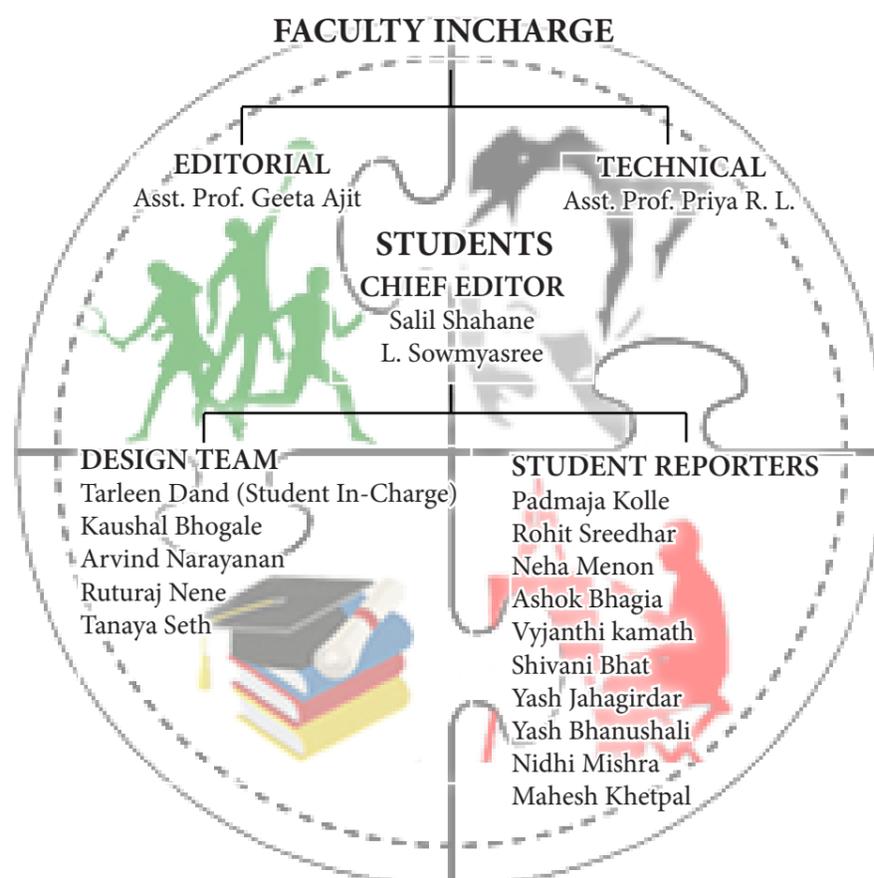
## VESIT Voice

With the lectures in full fervour and the internal tests just around the corner, the semester has slipped into the normal routine. If you have not been able to keep up with all that is happening in the college this past month, worry not. VESIT Connect gives you a chance to catch up on all the events in the college and much more. The August issue guarantees all its readers a wonderful reading gratification which will surely rekindle your stressed minds. This issue features the regular columns: Golden Service in which we venerate the thirty-year service of Mr. Chandrakant Shinde for his contribution to the smooth functioning of the administrative office, VESIT Diaries where we present an insightful interview with Ms. Prabha Verma, and the readers' section-Musings and Expressions. We at VESIT Connect received an overwhelming response from our readers for the Student Speak column, and this issue features a few of the best entries. Also included in this issue are news snippets of seminars held during the bygone month as a part of Praxis 2016. VESIT has always strived to produce outstanding engineers, and in a bid to achieve this, a pre-placement awareness seminar was conducted to help students prepare for placements. The annual techfest -Praxis 2016- is close at hand, and this issue presents an insight into the much awaited technical extravaganza. Also featured is an account of the Industrial Visit to Hyderabad organised for the second year students during the summer break. VESITians have never shied away from giving back to the society, and have shown large participation in societal causes, as accentuated in the blood donation camp organised by SoRT. Also presented is the TCS CodeVita seminar held in July. With a new batch of 'freshers' joining the institute this month, this issue gives a glimpse into the admission process for the current academic year. The new Student Council has been elected recently, and VESIT Connect brings you coverage of the same.

En masse, this issue promises to enthrall readers in a captivating joyride.

Happy Reading!

## The 'VESIT CONNECT' Team



## Blood Donation: The Joy of Saving Human Lives

-by Dr. Sushil Dhuldhhar  
Dept of H & A.S

*"The purpose of life is not to be happy - but to matter, to be productive, to be useful, and to have it make some difference that you have lived at all."*

-Leo Rosten

A spider bite might not transform you into a superhero, but a small needle prick and a little of your time sure can. There are no perfect substitutes for human blood. Every time you should donate blood, you can help up to 3 or 4 individual recipients. Although most people are able to donate blood, only about 4% of the population donates regularly. Blood donation is a major concern to the society as donated blood is life saving for individuals who need it. Undoubtedly, blood is scarce. Actually, blood donation is a therapeutic exercise. Good knowledge about blood donation is not transforming in donating blood. Interactive awareness on blood donation should be organized to create an awareness and opportunities also for blood donation. Blood donation could be hence recommended that voluntary blood donations as often as possible may be therapeutically beneficial to the donors.

As a donor I feel proud to say that in VESIT, blood donation camps are organized every year. This is also favorable for blood donation campaigns. The main objective of writing this article

is to create an awareness of blood donation among people. Blood donation is really a state of mind. Although we live in 21st century, there are so many people who are suffering daily, due to lack of blood.

Dear readers, I am determined to donate blood at least 100 times or till my last breath. I have donated blood 23 times in my 32 years of age. It is such a magnificent sensation being able to aid and save human lives. I also personally request everyone to be a part of this campaigns and be a hero by donating blood.

### Some Benefits of Blood Donation:

- A single blood donation can save up to three lives.
- Donating blood may not only benefit the person who received the blood cells but may also improve the health of the donor.

- Blood donation also burns the extra calories and reduces your cholesterol level.
- Blood donation is good for your health. It reduces the amount of iron in the body and the risk of heart disease.
- Blood donation has also been shown to lower the risk of cancer. Consistent blood donation is associated with lowered risks for cancers including liver, lung, stomach and throat cancers.
- When someone donates blood, they get a free health check-up.
- Along with a health check-up, the donor will get a free blood analysis and be notified of their blood type. Frequent blood donations are good free health check-ups that will help you stay healthy.
- Donating blood is the fastest way to lose a pound of weight.
- Blood donors get to relax for an hour.

“Blood Donors Are Life Savers”

## SoRT Does It Again

-by Shivani Bhat



SoRT team lends a helping hand to Mumbai police during dahi handi celebration



Drug awareness campaign held at VESIT



VESIT endorses a smoking - free campus

Yes! SoRT VESIT features once again in the leading newspapers!

Both, The Hindustan Times and DNA praised SoRT VESIT for its magnificent role in two events viz Nashabandi and Dahi Handi. While the former was held in the college premises on 24th September 2016, the latter took place in Chembur Naka on 25th September, 2016.

Nashabandi is an initiative of the Maharashtra government against the use of liquor, tobacco and drugs (LTD). The initiative aims at spreading awareness through poster-making competition and street -plays.

A seminar on the same was organized in the college auditorium right after the inauguration of Udaan – the welcome program for the freshers.

Mr. Amol Madeame, the speaker in the seminar, briefed the students about the ill effects of LTD and the need for an awareness drive like Nashabandi. The seminar was attended by all the student council members, as well as the members of SoRT.

The organization of seminar on Nashabandi was followed by crowd management in Dahi Handi the very next day.

Dahi Handi is a festival celebrated widely in Maharashtra and Goa. This event is based on the legend of the child-god Krishna stealing butter. Every year thousands of people gather to

watch the human pyramid formation at various Dahi Handi events in Mumbai.

The festival brings with it a flavor of competition, excitement and joy; but safety must go hand-in-hand.

To ensure the safe execution of all Dahi Handi events, all the necessary arrangements are done by the Mumbai police. The Dahi Handi in Chembur Naka had extra help this year. The SoRT VESIT students gave a helping hand to the police to manage the crowd.

In spite of short notice given by the Mumbai police, around 20 students from SoRT VESIT volunteered as crowd managers. They helped the police force to manage the booming crowd in the Dahi Handi event.

“Recognising the need for citizen participation in assisting the police to ensure maintenance of decorum and reduce instances of unruly behaviour, a local self-help group approached us with a proposal to assist the police just a day before the festival. We immediately agreed to help the police and ensure that all goes well during the festival”, stated Kaustubh Dhake, Secretary, VESIT Social Responsibility Team cell.

Their contribution included safeguarding the crowd and hence ensure smooth functioning of the event.

## Organ Donation- A Pledge to Mankind

-by Mr. Hardik Shah

Master's in Electrical Engineering, VLSI, USC, USA

Assistant Professor, VESIT

Offers service at Shrimad Rajchandra Mission, Dharampur

**L**ife is measured by deeds not by duration, said a wise man once and how virtuous it would be if one is able to do noble deeds even after the end of life. Yes, if you wish to, it's possible to do good for mankind even after death. One way is by organ donation.

Organ donation is the simple act of giving someone who has an end stage organ disease and needs a transplant, a new hope for life. By being an organ donor, you can save up to 8 lives and help around 50 people by donating tissues and eyes. Every year, more than 50,000 people require a heart transplant, and about 250,000 people are in want of a kidney transplant, and you need only one to live!

The Shrimad Rajchandra Organ Donation Programme was initiated to spread awareness regarding the benefits of organ donation. Launched on the occasion of Valentine's Day (February 14, 2016), the Programme garnered more than 3000 pledges in minutes. However, there is still a long way to go. According to World Health Organisation (WHO) just a meagre 0.01% of the gigantic 1.2 billion population of India are registered as organ donors.

The Organ Donation Programme was initiated in the proud memory of 7-year old Deyaan Udani, the youngest organ donor of the country. While holidaying in India, he developed a headache, which was later diagnosed as a blood clot, and the child passed away soon thereafter. Having learnt of organ donation in school, the Sydney based boy had always pestered his father to make him an organ donor. In his death, Deyaan saved three children and

one adult, donating his heart, kidneys, and liver. The heart went on to give a 7-year old girl another chance at life, after she had been give mere weeks to live.

Organ donation is a respectful procedure and it is a prime concern that the donor's body does not get disfigured. The procedure takes place in a normal operation theatre in the most sterile conditions. The organs that are donated are always used for a just and noble cause. Negative acts like buying and selling of organs has been outlawed, as per the Transplant of Human Organs Act, 1994.

While a few rare conditions do exist which can rule people out for organ donation, mostly everyone is eligible to be a donor. All those above the age of 18 can pledge themselves for the programme, and the interested minors can let their parents/guardians know of their desires and get pledged through them. Becoming a donor is very easy and can be done in three simple steps:

- \* Get registered at [www.srloveandcare.org/organ-donation](http://www.srloveandcare.org/organ-donation)
- \* Inform your family about it
- \* Carry the Donor Id card at all times

Be an organ donor and be a lifesaver. You may no longer be in need of our organs, but someone else can get a chance to live on through you.

# F.E. Admission Process

-by Kaushal Bhogale and Utsav Das

This year the admission process for First Year Engineering undergraduate students changed for the first time since 2013. The Maharashtra Board chose the MH-CET (the Maharashtra Common Entrance Test) over the JEE Main as the norm for admitting students in the state-level engineering and technical institutes. The students are being admitted based on their CET scores over a span of 3 CAP (Centralized Admission Process) rounds.

This year the admission process at VESIT was completely revamped by staff and students of the Computer Engineering and I.T. departments. The entire process was digitized, which made the procedure completely transparent for the students taking admission. It gave real time information, as to how many seats were left and which merit number was under consideration during the counselling process. This gave students and parents a clear picture about seat allotment, transferring and upgrading of seats and reshuffling of rounds.

An intranet based application was developed and deployed to satisfy the following objectives:

- \* Provide a fully functional and paperless admission system.

- \* To reduce the time required for seat allotment on the day of counselling.
- \* To provide hassle free seat transfer and cancellation.
- \* To maintain admission statistics.

The important **functionalities** of the Admission portal are:

- \* Form verification and seizing
- \* Seat allotment
- \* Document verification and document record maintenance
- \* Admission form printing
- \* Transferring of seat from one stream to another during successive counselling rounds.
- \* Generating and printing various reports based on criteria.

# Student Council Elections

-by Souvik Saha and Ashok Bhagia

The VESIT Student Council Elections were held on the 23rd Of July 2016. The election process for this academic year began with the class in-charge elections. The 33 classes comprising of SE, TE, BE and MCA, select their class in-charges for Music, Culture, SoRT, tVEC, Sports and the CR by the voting process. These in-charges will now represent their respective classes in the Student Council Elections.

There are three positions for each council. They are: Secretary, Deputy Secretary(Junior),

Deputy Secretary(Senior). These positions are contested and voted for, by the class in-charges of the respective council. The General Secretary and President are elected by all the class in-charges from all councils. This year, there were no positions for tVEC.

Ravjot Tuteja(D20) was elected unanimously to the post of General Secretary, while Sunil Sahu(MCA 2B) was elected as President.

Congratulations all the elected members!

# Knock Knock! Praxis'16 is at your doorsteps

-by Deepa Narayanan

VESIT has been staging its technical extravaganza 'Praxis' with the sole aim of providing a practical approach to science and also for studying real life applications of engineering. Needless to say Vesitians leave no stone unturned to achieve a little more than just perfection. With a view of promoting the Annual Techfest, 'Praxis' all over Mumbai and fine tuning the most out-of-the box theme, **Imagineering**, Praxis 16 has officially been postponed to 23rd n 24th September 2016. The primary reason for postponing Praxis'16 was because the committee aimed at grabbing the attention and active participation of the newly admitted first year students. Also this time, special efforts are being made to attract students from major colleges of Mumbai via the campus ambassador's programme. An all inclusive Techfest

whose range extends from imagination, innovation, creativity to Imagineering - is all set to rock the cradles of static yet talented minds. Apart from wooing the tech-savy students of Mumbai, **Praxis'16** has planned a plethora of fun events for its visitors. The perfect blend of creativity and technicality in the fest is sure to lure the hundreds of ignited minds, wishing to portray their talent and gain recognition. Social media has been a witness to the fact that the committees are working day in and day out, to take the definition of Techfest to all new level. Pre-Praxis events too, are being promoted on a social level so as to invite better competition and thereby reward the best from the lot.

# TCS Seminar

-by Yash Jahagirdar

A seminar was organized by Tata Consultancy Services (TCS) for students of second, third and final year. It was about a coding contest named CodeVita which is organized by TCS worldwide. This competition is organized to help students overcome their fear of coding and sharpen their programming skills. The best coders of this competition will be given world ranking, relaxation in eligibility and test waiver in TCS Placement Process apart from prize money.

The seminar also gave insights to students about TCS as a company, its various divisions and their work. The employees of TCS who came to deliver the seminar also answered students' queries and helped them in getting an insight into an IT career. The students were visibly excited in working with TCS.

Rohit Rathish a student of D12B said, "The seminar was very good and I am excited to take part in CodeVita."

# Pre - Placement Awareness

-by Kavya Parag,

With the commencement of the new semester, the placement faculty took extra efforts for the placement awareness for the 2nd year students .

The criteria and eligibility was discussed prior in the class by Nagananda Sir so that students could work accordingly.

Representatives were allotted from each class to gather information regarding the various criteria for different companies and personal experiences of students.

Further, lectures were to be conducted in the seminar hall on topics like resume building.

# Empowering minds

Praxis is crawling its way to an ultimate explosion and the sparks are already seen flying. The teams along with the core group have pulled up their socks and are working at breath taking speed. As a part of Praxis, a seminar was organized on GATE examination. This seminar was conducted by Vijay Shekhar's academy. Mr. Vijay Shekhar , the MD of the institute, took to stage to deliver a motivational and informative session, to all students who were aiming for post – graduation after their bachelor's degree. He gave detailed information GATE examination, the subjects that it incorporates, the preparation it requires and how to make the best out of it. Being an IIT graduate himself, Mr. Shekhar inspired the students on how to scale up their career to unseen heights and them known about the bright future the good results of this exam would bring in for them with admissions into IITs and IISC.

# Alighting dreams

-by Rohit Sreedhar

Education abroad, M.S , top universities..... Well, these are the things that revolve in mind of many of us, as we inch closer to completing out engineering degree. **GRE** and **TOEFL** - these exams are the gateways to every flight we would intend to board to touchdown at the premises of our chosen university. However, conquering these exams is not at all easy. The procedures are quite complex with the path being abstruse. To clear off the mist of uncertainty that lingers in our mind, we had IMFS Education Pvt. Ltd. coming to VESIT with their pellucid approach and expertise. Mr. Nitin from IMFS presented to us an interactive seminar that gave valuable feedback to the curious minds. With his dynamic approach and an ingenious spark, he kept the students at their wits end. He threw ample light on the framework of the examination and as well the various courses that are available for us in the universities and countries abroad. He also gave nuances and techniques that their institute would fortify us, to ace the examination. An impressive orator, he managed to burn in a little desire in the budding minds to fly their way to glory and he left with resounding applause

# An expedition to the city of Pearls!

-by Padmaja Kollé and Rohit Sreedhar

After a tedious and exhausting semester, the students of the second year Engineering (currently in their third year), were treated to an Industrial visit, in May-June 2016. They were taken to the city of Hyderabad, which is replete with the history and culture of the Nizams. The tour was led by professors Mr. Chintan Jethva, Saylee Gharge, Mr. Shobhit Khandare, Mrs. Asawari Dudwadkar, Mrs. Roopkala Ravindran, Mr. Richard Joseph and Mr. Mohan Pawar.

The students of every department was taken to industries that would give them the nuances of the application of their respective curriculums. These visits were planned along with trips to Hyderabad's most beautiful tourist locations such as Charminar, Birla temple, Hussain Sagar Lake and Lumbini Park. The last day was an excursion to one of Hyderabad's, in fact India's, most iconic creations of the film industry, Ramoji Film City.

Following are a brief description of the industrial visits of the various branches:

## EXTC

The first industrial visit of this department was to 'Radiocity 91.1'. Radio is one of the most successful applications of Telecommunications and electronics and the students were shown how exactly a radio station operates and broadcasts its programs. The second visit was to an industry that manufactured mobile networking towers. The person in-charge briefed the students of the specifications with which the mobile towers are constructed and stationed and also explained their operation procedure

## ETRX

The electronics department was first taken to the industry 'Servomax'. Here, they were given explanation about the assembly of large scale isolators. Their next visit was to an industry where they given a detailed description about PCBs, their manufacturing, printing and coding. The students deemed this learning experience to be one of the most amazing experience.

## CMPN and INFT

The computer and IT department were taken to an investment management company,



Ramoji film city Hyderabad

'Invesco'. Here, they were taught how important it is to broaden your horizon and get to know more about various business sectors along with core knowledge of IT. Their next visit was to Sailotech which is an Enterprise Business Consulting company. The students were given a detailed explanation about ERP and the reason to learn about it.

## INST

The students of Instrumentation Department was taken for the tour of Cosmic Engineering Enterprise on the first day itself. The company is mainly responsible for the manufacturing of PCBs. Their next visit was to Servomax India Limited. Here, they were taught about assembly of motors and its operation.

Overall, the trip was thrilling and students as well as staff enjoyed it thoroughly. The itinerary was chalked out well and it included balanced visits to the industries and tourist spots. Packed with some learning, industry culture, action and fun the trip turned out to be an interesting one!

## STUDENTS SPEAK

### The World Goes Crazy Over Pokemon GO!

-Sakshi Patil (D9B)

There's a new frenzy that has taken over young minds lately. The frenzy to catch them all. Of course it is the Pokemons.

Pokemon used to be a large part of any average 90s kid's life and one can find these kids, now adults reliving their childhood. Within 7 days of its launch, this app has left behind tinder, twitter and even Facebook. No wonder its creator JOHN HANKE is in seventh heaven.

But what they have been calling an overnight success took him 20 long years. Starting from meridian 59, the hit viral game in 1996 to creation of software KEYHOLE that led to Google Earth. Yes, this man gave us Google earth! This journey definitely wasn't easy. But in turned out to be rewarding in the end.

What makes this game more interesting is that it gets us moving without placing any pressure,

### Pokemon GO Fever

This is the age of augmented reality where in each user is fully immersed in synthetic and artificial environment in which user is incapable of direct vision of real world.

POKEMON GO is one such game whose genre is augmented in reality. It is a free to play location based augmented reality game which makes the use of GPS and camera and allows the users to capture, battle and train visual creatures called Pokemon. Pokestop is a place where player can collect pokeballs. Our college has a Pokestop near the statue of Vivekananda where the players can get Pokeballs.

Released on 6th of July this game by 22nd July was downloaded by more than 40million people worldwide which gave a spurt increase to stock values of Nintendo. The game is very addictive. Once you begin, you won't feel like stopping. Capturing the pocket monsters becomes your goal. People have criticized this game for invading into their privacy. Imagine someone pointing their mobile phone at you! It feels as if they are clicking your picture and that too without permission.

### Pokemon GO Fever

Pokémon Go (stylized Pokémon GO) is a free-to-play location-based, augmented reality game developed by Niantic for iOS and Android devices. It was released in most regions of the world in July 2016.

What is Pokemon go?

Pokémon Go is a newly released video game, which is played on mobile devices and downloaded through the app store. It is an augmented reality game – meaning that the phone's screen displays your real-life surroundings through the camera as you play(using GPS). The fantasy monsters appear on the screen as you explore the world, showing up on your screen as if they're in the real world. Players capture, train and battle the Pokémon they come across as they're out and about using the app

My views about this game:

which was the bigger picture behind the creation of this game. The kids in India have been flocking to temples in search of Pokestops which has left parents in a tizzy! And while there are definitely some cons like chances of an accident, the search for Pikachu does burn many calories.

And maybe someday, the neighbourhood kids will be found catching them together, laughing, running, just like we 90s kids used to. And the PS3s and videogames will sure have a little speck of dust on them.

And unexplored places will have hustle and old friends might reunite.

So, **GOTTA CATCH THEM ALL!**

-Bhavesh Motiramani (D7B)

Recently the game has been in news as in many cities. Pokewalk was being organized where people could just go and catch Pokemons and can also have Pokemon fight.

Syria has different views for Pokemon Go: Pikachus, squirtles and weedles and the other characters in the augmented reality game have been unofficially co-opted to highlight the harsh realities of war. The message behind the Pokemon portraits - which have been shared a thousand times on social media - seems to be: if you can spend so much time chasing fantastical imaginary creatures then why can't you do more for children growing up in a war.

This game also makes people healthy as anyone who plays Pokemon go has to walk to get Pokemons and also the egg to get hatched. The game is bringing people together, providing opportunity for social interaction and increasing our sense of belonging, which can have a positive impact on their emotional and mental health.

-Rohit Mungekar (D9A)

1. Nowadays I see hordes of people on streets, trains, in colleges etc. with their eyes glued to their phones, clearly on a hunt for something. While some of them may be on Facebook or Instagram, many are likely deep in thralls of Pokemon Go, the latest iteration of the pokemon video game series.

2. The game seems very much interesting as I always hear some of my friends talking about it. They keep asking each other whether you grabbed a particular Pokemon or not? How many pokemons do you have in all? How many leagues they have played? ...It seems like they are treasure hunting for Pokemons in their vicinity. It is a very exciting game as you don't know which Pokemon you will come across while playing this game and the eagerness to capture different types of Pokemon increases.

3. Now a days the game pokemon go has gone viral which has brought down the craze of the

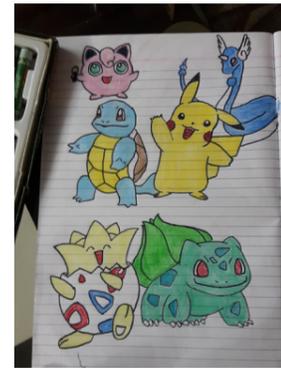
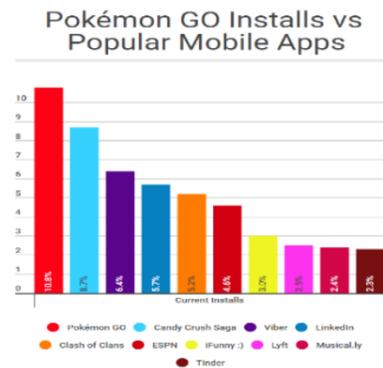
people to play clash of clans, candy crush, Heros of incredible tales, Gods of Rome etc. The graph will give a clear idea about the immense craze for pokemon go among the people.

4. When I was surfing through internet I found that this game is played not only by common people but also by famous actors like Anushka Sharma, Varun Dhawan, Shah Rukh Khan, Priyanka Chopra etc which made me feel really the craze for this game is increasing a lot.

5. Technical issues are faced by the people while playing the game as the game requires good infrastructure of the mobile large storage and good internet connection.

6. The game has also resulted into injuries and accidents. e.g.)if a person is playing the game with full concentration while walking on the street without bothering about what is happening in the surrounding it is quite obvious that it may lead to injuries and in worst case it can be fatal too.

Lastly the game is really very good if played with proper precautions which will not cause harm to yourself as well as to others. It is also good for mind relaxation but should not be played continuously as it may affect our academics being a student and even our eyesight and one should not get addicted to it.



-by Shivam Upadhyay  
D20

# MUSINGS AND EXPRESSIONS

## CYBORG

-by Harsh Gupta  
D17-A

‘Cyborg’ Hearing the term takes you to a virtual world, a different version of reality altogether which you feel is a far- fetched reality. But are we that far??? Each time we use a calculator, look at our mobile phone or computer, put on a pair of glasses, or shoes – we are Cyborgs. The term Cyborg means “cybernetic organism”, i.e. “part human, part machine”, or “part natural, part artificial” (e.g. by adding artificial brain or body implants or external interfaces). We apply scuba diving instruments to allow us to breathe underwater, and a pen and paper to elucidate thoughts. In all of this, we are using technology to extend our capabilities. We are making our lives easier and realizing the dreams of our forefathers..

Throughout the history, with every technological breakthrough, innovation or revolution, people have always imagined possible futures that new technologies at hand might bring about. In our predictions and projections of hopes and fears onto the future, literature, art and film have not only had an important role in shaping the ways we imagine the future of humanity, but have also prepared us to adapt to and gradually accept the ideas of technologically mediated existence thus incorporating them into the lived reality we share today. The proliferation of various modern cyborg forms imagined through art, fiction and popular culture emerged in the second half of 20th century along with the development of telecommunication technologies, military industry, entertainment industry, computer science, cybernetics, robotics, cognitive science, genetics, space travel explorations, advancements in medicine, digital imaging, etc.

Cyborgs are no longer simply Sci Fi. Since cyborgs are not grown or reproduced from scratch, but rather each cyborg is the result of an original baseline human who embarked on a course of self-cyborgization, the ‘borgs tend to be an incredibly diverse assemblage. Cyborgs can be loosely divided into the cyborged and the true cyborgs. The cyborged are simply buoyant with enhancements (they are nonessential or gradually added), while true cyborgs are beings where the cybernetic interaction between biology and technology is an essential part. The exact dividing line is hard to draw, but usually it is done when the technology becomes essential for continued life or mental functioning.

The cyborgs walking among us. Here are the real stories of developments in the field of Cybernetics that will blow your mind.

The Wheelchair controlled by the mind. Wheelchairs are usually controlled by head, hand or other manual controls – the Robochair is controlled by the users mind. By creating a

Brain-Computer Interface (BCI) it is possible for software to read electric signals (EEG) from the user’s brain to control the speed and direction of the chair. In essence, the person in the wheelchair thinks a command and the wheelchair follows it. This is a potentially huge win for paralyzed people in terms of increasing their mobility.

Prosthetic Limbs Controlled by Thought. The inability to issue brain signals to limbs, or the absence of a limb through birth, disease or accident can severely limit a person’s mobility and independence. It has been created robotic prosthetic limbs which are attached to Sullivan’s nervous system through nerves in his chest. This means that the robotic arms pick up messages to move in the same way that his original arms did, via electronic impulses from his brain – by thinking.

This is in addition to the existing gadgets that we don’t give them their due importance like calculators, cell phones, watch, thermometer, vehicle.

Creating cyborgs with a heart as well as a head and hands will take them to another level, but for now the focus is on the non-consciousness-related applications, although there is much talk about an integration with a core artificial intelligence consciousness or a merger of the mind with a technologically based decision system which can autonomously desensitize one’s feelings (for example, a dopamine releasing homeostatic system). Nano-assembly in an enzymatic form, with potential approaching anything and molecular manufacturing will come through comprehensive control of enzymes, through engineering of DNA through structured polymers, through vacuum-based mechanochemistry, or some other method.

A critical aspect to the cyborg story is how will they interface, compete, relate, communicate, with and experience non-cyborgs. Especially as society moves into realms of gender-modalities (the post-sexual body), hybrids (the unruly body) or even mutations (the monster body), in times, when the balance shifts from external modulation to fully internal redesign. It raises questions of cyborg rights and identity versus human values, which will hopefully become integrated, before the next transhumanist battleground erupts. Hence, essentially we are all surrounded by CYBORGS and we are all heading towards virtual reality where we are much more capable than now.

## MY DAD MY HERO

-by Shardul Sanjeev Malvankar  
D6A

*My hero never fought in a war,  
He doesn't drive a big fancy car;  
He did not go very far in school,  
But he lives his life by the golden rule.*

*He never has much money to spend,  
But he has the respect of his each and every friend;  
Working day and night make his eyes so sore,  
But still he is up every morning ready to go for more.*

*He wakes up at the break of dawn,  
Eats breakfast, packs his lunch and then he is gone;  
It takes a lot of work with a family to feed,  
A lot of devotion to meet their need.*

*But still he is always there,  
When I have a problem and I need someone to share;  
And when I am low and feeling sad,  
I still draw strength from my HERO, MY DAD!!!*

*Daddy now please don't cry,  
Because you have been always there for me;  
I've cried many tears too,  
That I never wanted you to see.*

*DAD I love you,  
Keep these words close to your heart;  
I know you love me too,  
Even though time keeps us apart.*

*And now as you sleep,  
Have dreams of mommy and me;  
I have a smile on my little face,  
That I wish you could see.*

*Pappa, my arms are stretched out,  
I know your arms are stretched out too;  
So here is a big hug,  
Just for YOU!!!!  
I love you very much Dad..*

*From your son's heart*

**AAMCHI MUMBAI**

-by Namrata Ramchandani  
D9-B

*A city where everything is possible  
Especially the impossible  
Where the lovers may first love and then marry  
Where there is place for every Amar, Akbar and Anthony  
Where a light bill can make a person ill  
Where a person, perhaps cannot sleep without a pill  
Where carbon dioxide is more than oxygen  
Where the road is considered to be a dustbin  
Where the college canteens are full and classes empty  
Where spending is more on mobile phones and less on safety  
Where a cycle reaches faster than a car  
Where everyone thinks himself to be a star  
Where skyscrapers overlook slums  
Where some houses collapse as the monsoon comes  
Where people first act and then think  
Where they become poor or rich in a blink  
A city of possibilities  
A city of responsibilities  
A city of opportunities  
Its our city AAMCHI MUMBAI!!!*

**TRUST**

-by Ankur Gokhale  
D7A

*A voice pierced through my ear drum.  
I watched the birds chirping in hymns.  
There you are, shaking with trepidation and fear.  
I watched your eyes glistened with tear.  
  
Your face spoke a thousand words.  
How foolish of me that I couldn't interpret at first.  
I wanted to help but didn't knew how!  
How devil of him to shatter your trust.  
  
My duty to remind you how strong of a person you are.  
I know it's difficult for you to revive and cope.  
New discoveries will allow you to see far into the past.  
As there is always a ray of sunshine after the storm filled with hope.*



-by Rishil Kirtikar D2A



Asters

-by Prof. Prashant Kanade, Dept of CMPN



Sweetness in contentment

-by Mahesh Warang

## Sphurtti

-by Yash Jahagirdar

Sphurtti the annual sports fest of VESIT started on 3rd August. This event was inaugurated by Mr. Sabnis, the dean of Student Affairs, Mr. Yogesh Pandit, the Sports coordinator and Mr. Hiru Wadhvani, the administrative head of the college. The events in the indoor edition of Sphurtti consisted of following sports namely Chess, Carrom, Table Tennis, Darts, and Box Cricket.



Chess match during sphurtti 2016

The events like Carrom, Darts and Chess are underway with all the events of Table Tennis being completed. The Box cricket, which was scheduled earlier, will commence on 13th September because of heavy rains. All the events of Sphurtti, except that of Box Cricket, will

end by 1st week of September.

**The winners of the events in Table Tennis are as follows:-**

- \* Boys Individual:- Kapil Pawar (D14)
- \* Girls individual:- Vaidehi Joshi (D9)
- \* Boys Team:- D14
- \* Girls team:- D19

**The winners of the events in Carrom are as follows:-**

- \* Girls Individual:- Priti Pai (D9)

Congratulations to all the winners!

A memorable match in Table Tennis was the boys team final between D14 and D19 with the winner being D14. It was a nail-biting encounter which the audience enjoyed a lot.

The sports council was very busy in handling events and was doing an efficient job during all the events. The sports council said when asked about Sphurtti, "We the council learnt a lot during this fest and we are enjoying it a lot. It is an amazing experience for all of us to be a part of Sphurtti. Thank you for giving us this opportunity and for your participation".

# Golden Service

-by Rohit Sreedhar

The administrative office at VESIT resonates pin drop silence. Work is carried out with utmost efficiency and meticulousness and to aid this perfect functioning are helping hands that silently put little things in order. Mr. Chandrakant Shinde M, a helping hand at the principal's office, is one of those who contributes to the smooth running of the administration office. Having been a part of VESIT for over thirty years, he recounts his career to be an enriching and a good learning experience. Says Ms. Madhuri Chaudhari, senior clerk at VESIT, who works in the Principal's office, "Shinde is one of the most hard-working and punctual person. He has a good relationship with students and is very helpful. Over here, we are like a huge family and Shinde is always very caring about everybody." Adds Ms. Ashwini Tambadkar, junior clerk, who also works in the Principal's office, "Shinde sir is a very jolly person. As he has no daughters, he treats me like his own daughter. He is always helpful when we have any problems."

Here's a little chat with him with a glimpse on his long journey.

## **Hello sir. Tell us something about yourself.**

I joined VESIT on 8th July 1986 as a laboratory peon in the Department of Instrumentation department. Later in 2006, I got promoted as the lab attendant the Instrumentation Department. Since 2010, I have been working in the principal's office as a helping hand.

## **Where do you originally hail from? What about your education?**

I'm from Kolhapur, Maharashtra. That's my native place. I have studied up to standard five and obtained basic primary education.

## **Tell us something about your journey to VESIT**

I started off as worker in the settings department of RK Studios. Work there, however, was quite unstable and irregular. I came in contact with Mr. Hashu Advani, while working for him in BJP. He helped me to get into VESIT and obtain a secured job. I was first recommended to the junior college and then was sent to VESIT.

## **What was your experience like in VESIT?**

I have completed 30 years of my service at VESIT. It has been a good learning experience for me. I have learnt a lot being in the labs and still miss my tenure over there. Setting up exper-

iments, understanding the nuances of the machines and setups were a part of my job. We have one of the best labs for instrumentation and I was fortunate enough to work there.

## **How has the staff been supportive of you?**

The staff over here has been very cooperative, both the teaching and non-teaching. I have had good relations with everyone here. I have learnt a lot under Dawda sir, Haridasan sir and Nair ma'am who were the HOD of Instrumentation before they took over as the Principal of the college.

## **Tell us something about your family**

I have three sons, two of them are working and one is studying. One of them is an engineer and the other has completed his B.Sc. They have been very supportive towards me. My mother and father have struggled for me and have always taught me to learn and respect everybody.

## **What is your opinion about the students of VESIT?**

The students here are very good. They show an eagerness to learn and as well are respectful of us.

## **Would you continue working here post retirement?**

No, I wouldn't continue post retirement. I would like to sit down and relax then or shift to my native place and concentrate on my health and family.



**Mr. Chandrakant Shinde M**

# VESIT Diaries

-by Yash Jahagirdar

Ms. Prabha Verma is working as Deputy General Manager-Instrumentation with Jacobs Engineering Pvt Ltd. She has over 23 years of rich experience in various Engineering Consultancies. She has successfully led the Instrumentation Design team on some of the most critical refinery projects like IOCL Refinery, Nagarjuna Refinery etc. Apart from her career, she takes out time to pursue her hobbies like trekking, Gardening & practicing Reiki. She is a born leader and a great motivator for the younger generation.

## **1. Tell us something about your college life**

College days were perhaps the best years of our Academics. In school days there was always this competition of doing better than others, getting a rank, but in college the only aim was to pass! Not to get ATKT! But our college was strict and we were groomed under the strict discipline of Saxena Ma'am and it has paid off in our later life. I enjoyed wining at college athletics and was the captain of Basketball team.

## **2. How important, according to you, are interpersonal skills at professional level? Do academics and interpersonal skills go hand in hand?**

Interpersonal skills are very important, but it again depends on the nature of your job. If you are in hardcore engineering then your technical skills are important but if you are in a marketing job then your social & interpersonal skills are more important. Hence better to chose a job that suits your nature and you feel comfortable with it. All said and done, as one moves up the ladder, irrespective of the field they are in, interpersonal skills become more and more important compared to academics.

## **3. Is it necessary to have a full proof plan for your career from the beginning itself?**

There is nothing like a full proof plan for career. As you grow your areas of interest change, you understand new areas of opportunities and you may want a switch or to move to a niche area. Hence it is difficult to make any full proof plan. But it is good to have a goal and be focused in that direction.

## **4. Let's talk about your professional life.**

My professional life has been very satisfying. I got most challenging projects & though it was lots of hard work – I thoroughly enjoyed the work. I worked 1 year with Chemtex, and then next 22 years with Aker Solutions & now last 1 year with Jacobs - every company helped me develop professionally.

## **5. Tell us how important is it for an engineer/engineering student to have a life beyond technology? (Importance of hobbies in one's life)**

It is very important to have a hobby to maintain your sanity in the fast paced lifestyle today -

a place and time wherein you can take shelter and feel rejuvenated to face the challenges of life. It could be a small thing like potting plants in your balcony to trekking the Himalayas or something as soothing as Meditation or Yoga.

## **6. Can you shine some light upon the activities students can do from the start of the college which will help them mould their career?**

Regarding studies - It could be great if students could study together in small groups. They could discuss the topics, share views, make & share notes. The study becomes fun and efforts get reduced and as they discuss, their confidence increases technically.

Regarding molding their career - Developing public speaking skills is very important. Build confidence in yourself from wherever you are and think BIG!

When joining a company - Give your full potential and energy to the job from day one, keep your eyes & ears open to learn new things and always think innovatively! It is very important to have a simple & professional dressing sense, good manners & healthy respect for counter opinions.

## **7. Any message for the new generation at VESIT!?**

Keep the enthusiasm bubbling in your heart and never get pulled down by setbacks. Take learning from the mistakes committed and move ahead in life. God has given you so much that you are studying in such a prestigious Engineering college. Sometimes stop and take a look at other people in society who are not so privileged and give them a helping hand. See how you can do more and more for the people around you, for the nature around you and if everyone does that - the world will automatically become a better place to live in!



**Ms. Prabha Verma**