



vaatcha

THE OFFICIAL VIT NEWSLETTER

October-November-December Edition



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No. 2, Volume 2

Estd. 2016, VIT Pune

Grand Alumni Meet

●● VIT Alumni Association organized The Grand Alumni Meet on 17 December 2017 in Auditorium (Sharad Arena) from 4pm to 9pm. This meet was aimed to make our alumni understand about all the activities we carry out throughout the year. The number of attendees was around 300. The event was scheduled as follows: 1) 4.00 PM to 5.30 PM- Department Visit, Interactions with faculty members and students. 2) 5.30 PM to 6.30 PM- Tea / Interaction with Alumni on lawn (near Sharad Arena). 3) 6.30 PM to 7.30 PM- Main function in Sharad Arena. 4) 7.30 PM onwards- Dinner.

Prof. (Dr.) Swati Shilaskar headed the event. The central staff coordinators for alumni association Prof. Dr. Mhetre helped in organizing.

Mr. Mahesh kale (National Awardee Singer) was the Chief Guest of the Event. Some Alumni

ath Agarwal Charitable Trust's
Institute of Technology,
affiliated to Savitribai Phule Pune University)



shared their experience in the field of politics, stock and share market, sports, filmmaking, designing, animation, banking, software, etc. They also promised to promote the students currently in the above fields and to actively participate in providing placements and internships to them. The event was well received, and everyone was happy with the student management team and his or her hospitality.



Gender Sensitization

●● "It is not so much a matter of having the exact rules about how precisely we ought to behave, as of recognizing the relevance of our shared humanity in making the choices we face," says Amartya Sen, an eminent author, economist and philosopher, who claims that human rights and freedoms are not dependent upon cultural values or morality, rather the ability of people to claim responsibility for a better world.

This is exactly what a few students of VIT, Pune tried to impart when they took up the challenge of conducting their first session on gender equality on 13th of November at Seminar Hall during 4 to 6 PM. They were met with a well-informed audience that not only voiced their opinions on the matter but also shared their personal encounters with inequality. Many agreed that active citizenship is the only way forward and different ways of doing so were discussed. In fact, a student present at the session has brought forward an opportunity to conduct



sessions in various schools near his hometown. While this will be exclusively over the winter vacations, its ripple effect will hopefully mean that a lot more people will actively participate in the future sessions.

We thank Prof. Mrs. Sheetal Sobale for providing us a platform to create social awareness over this issue and for encouraging and guiding us in the right direction. The active organizers of this event were Zahra Ghasia, Dhaval Tilak Raj, Priyanka Wadekar, Sakshi Bodhade, Ankita Kadamb and the DIVA club members.

Traffic Awareness

●● On 3rd November 2017, Mr. Satyabir S Dood, IAS(RET), Mr. Rajendra Bhamare, IPS, Mr. C.S.Chavan, Asst RTO, Mr. Prashant Kakde, DY, Director, CIRT, Pune Mr. Srinivas Bonala Mr. SC Nagpal, IRS(RET) and LT.GEN.Ashok Kapur, Member advisory Council PCGT were invited to our college for a joint host seminar on traffic in Pune by public concern for government trust. The seminar was inaugurated by a felicitation of the panel of guests by Director Dr. Rajesh Jalnekar sir. All the guests addressed the audience and shared their experience of working in the transport management system. The major issues discussed were the violation of traffic rules, less usage of helmets, over speeding in particular areas and overtaking, lack of online registration for driving license. It also included a glimpse of a survey conducted, which showed the decreasing popularity of subways. The RTO officers encouraged the students to help the people around in RTO. LT.GEN. Ashok Kapur concluded the seminar by conducting a question-answer session. Students were satisfied by the answers by the officers.

Blood Donation Camp

"Donate blood and gift life, Help one, Inspire Many!". Vishwakarma Institute of Technology took the opportunity to do something for the society by organizing blood donation campaign in the college. VIT Socials had organized the Blood Donation Camp on 14th and 15th November 2017. "Zindagi Se Zindagi Ki Oar..." was the theme for the camp this time. On the first day, 14th November, AFMC blood bank visited VIT and collected 150 unit of blood bags. On the second day, 15th November, SASSON blood bank visited and collected 261 unit of blood

bags. The total collection of 411 unit of blood bottles was recorded this time. Students, as well as teaching and non-teaching staff, donated blood.

Along with the on-field work, our team enthusiastically worked with aesthetics and publicity of the camp. Our street play team, Team Eklavya performed on the theme of Blood Donation Camp inspiring many to donate blood and lend a hand in this noble cause.

Priyanka Baru and Rahul Kalshetty headed the Blood Donation campaign. The Campaign got a positive response from the everyone. We are thankful to students and faculty members for supporting and co-operating with us. Thus, Blood donation camp was successfully held in Vishwakarma Institute of Technology, Pune.



HELP ONE INSPIRE MANY, this is what VIT_Socials has always been following. In addition, to implement this sentence, in reality, Vishwakarma Institute of Technology & VIT_Socials took an opportunity to organized the NSS (National Service Scheme) Camp for seven days at village Kanjale. The camp was held between 24th Dec 2017 to 31st Dec 2017. In all 44 volunteers were there for the camp along with some senior students and teaching faculties.

All 44 NSS volunteers were divided into four major working sections; i.e. Teach for India, Shramadann, Women Empowerment and Awareness. Each day of NSS volunteer had started with the morning exercise on scheduled time. Following the morning, routine volunteers were on the field for their respective work. Zilla Parishad Prathamik Shala was assigned to our Teach for India team. Volunteers took various Art and Craft exercise along with Science projects. Students in the school learned and enjoyed the activities. Also, staff from Sharada Shakti NGO taught Magic Chemistry to the students. Shramadann team had worked physically hard. They had successfully constructed 20 septic tanks, water canal for every plant in the village. Also, the team along with the villager's participation cleaned the village. 150 kg of waste was removed out of the village. Women Empowerment team had organized a session on Women Mental Counselling where women spoke their heart out with

our counselor. Followed by this session staff from Sharada Shakti NGO had visited for a day and taught Cooking recipes, Woollen arts, Jewellery design to the women and young girls. Also, Women Health Checkup Camp was held. All these activities boost the confidence and enthusiasm in women at Kanjale. Team Awareness played a vital role in implementing all these activities. Smart Home was the competition carried out by the team to make friendly interaction with the people. Also, lectures on Aadarsa Gao Yojana, Sara Mitra, and Andhashardha Nirmulan were held.

NSS Camp 2017 got an amazing response from all the villagers. Also, Vishwakarma Institute of Technology & VIT_Socials is thankful to the Head (Sarpanch) of Kanjale for giving us this wonderful opportunity and co-operating with us. Prof. Rajesh Dhake – Dean Student activities and Prof.Sagar Kale – Programm in charge NSS, where the support of the team. Also, social secretaries Samruddhi Mane and Shivam Walaskar were the backbones of the team. All the volunteers as well as teachers wholeheartedly participated in activities and made it a real success.

NSS Camp

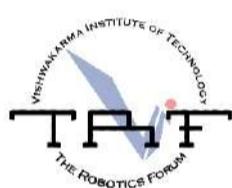


● In today's world, very few people can hear the cries of those who do not communicate in the human language. A beautiful example was set by Swapnil Bhosale, Pushkar Sangviker, Utkarsh Chaudhari, Disha Janrao and also few other students of VIT who helped an injured dog which they found in college; when they looked into the eyes of that injured dog they didn't see an animal. They saw a living being, they saw a friend, and they felt a soul in pain. They drove the injured dog to the veterinarian clinic, where the vet doctor told them that they had two options: either they could drop the dog as stray to them or they could adopt the dog & pay for the dog's treatment. So they adopted the injured dog, the dog's condition was pretty bad they didn't really know what happened to the dog,

one of them had a theory that the dog might have been hit by a vehicle badly & was left to die. The vet told them it would take almost 2-3 weeks of care, they returned with the dog. Every day they took care of the dog & gave him antibiotics just as if a mother takes care of her sick child & by god's grace the dog soon became healthy & fine. It is rightly said, "You have not lived today until you have done something for someone who can never repay you." Don't treat animals as animals; treat them as living beings, that's what they are. The greatness of a nation and its moral progress can be judged by the way its animals are treated. VIT SOCIALS salutes & appreciate them for their astonishing work; they truly helped one & inspired many of us.



Helping our canine friends



TRF-The Robotics Forum

The month of September witnessed The Robotics Forum being engrossed in work as they conducted their Level 1 workshop for the year 2017-18. This workshop, just like every year, focused on giving the freshers a brief introduction into the field of Robotics by giving them hands-on experience over Robot building. Over 280 First Year students attended the workshop, which stretched over a span of three months.

The workshop was organized and conducted by the members of TRF. Various theory and practical sessions were conducted during the span of this Level 1 workshop. Theory sessions focused on covering the basics of C language and how it can be used in embedded systems along with

sessions on app development. Line tracer, obstacle avoider, Bluetooth controlled and gesture controlled were the few robots built by the First Year students during the practical sessions. The Level 1 Workshop 2017 saw a tremendous support from the freshers and had the privilege of being aired on the news channel Maharashtra Darpan. Since the industry today is rapidly moving towards automation and robotics is proving to be one of its strong pillars, the initiative of conducting a workshop has been taken by The Robotics Forum and will continue to do so in future. Having successfully completed this workshop, TRF yet again has stood by its motto, "Learning by doing".



Diving further into the world of cinema, MCFS rolled back in time to a Chaplin Classic "City Lights (1930)." It screened this film to the contrast between the current comedy and comedy that of probably the most well known comic in the world. In the Month of November, they explored the best of Korean cinema, Park Chan-Wook's masterpiece, "Oldboy (2003)". This film is an adaptation of Greek tragedy with the amazing screenplay. Next was

"The Hunt (2012)" by the Dane Thomas Vinterberg. The movie asks difficult questions with a courage to pursue answers head on. The last screening of the semester was "It's such a beautiful day" and accompanied by the short film "The World of tomorrow" by Don Hertzfeldt. These movies were screened to oppose the general convention 'Animation is for kids'. Ending the semester on a high, MCFS

invited the director Sandeep Patil, screenwriter Sanjay Patil and the child actors of multiple national awards winning film "DASHAKRIYA" for the inaugural session of "Beyond the Script". The guests had a candid conversation with the audience. Another wonderful semester passed and they have a great line-up of events, movie screenings accompanied by insightful and thought-provoking open forums for the next semester.

Mirage

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Antariksh – The Astronomy Club of VIT, Pune frequently organizes one or the other programme to develop scientific attitude and spread interest about astronomy among the students.

On Saturday, 18th November, 2017, Antariksh Club had arranged the 'star event' of the club – **Star Party**, a star gazing programme. A day with new moon was finalized and coincidentally on the same day, there was going to be the peak of Leonid's Meteor Shower. As there was also a new moon, the sight was going to be just awesome. For the event, Rolling Academy – The Bikerpark, a peaceful place located at the base of Sinhagad Fort, surrounded by mountains and trees was decided as location for hosting star party. 18th November 2017 was finalized as the date of the star party.

The registration fee was decided as Rs.250 for the Antariksh Club Members and Volunteers and Rs.270 for others and for those who were coming by the bus were charged Rs.200 extra. The core team held a meeting with volunteers. In that meeting, ten volunteers were assigned a group of ten people per volunteer to manage all the things like crowd, snack distribution etc.

On 18th November, 2017, all the participants were called in the college and all left for the venue by buses at around 4:45pm. While singing songs and taking some amazing snaps of sunset at Khadakwasla Dam, all reached at the Rolling Academy by 5:45pm. All preparations were already done like tents, bonfire, telescope setups

and the projector for introductory presentation by Mr. Jameer Manur who is the guide of Antariksh Club and a research scholar working in Radio Physics Laboratory in IUCAA.

It was cloudy till around 9pm in the night, so the participants were given frothy as a refreshment and then Jameer Sir introduced all to what exactly the star party is. He gave a very nice presentation on astronomy and many more things related to it. He introduced the solar system in an amazing way focusing on each and every aspect of it. Jameer Sir answered many questions of participants related to astronomy. He also emphasized on the career opportunities for engineers in the field of astronomy. Then at 10pm, the first session started with the introduction to constellations and visible clusters.

Antariksh



© Jameer Manur



The star maps were provided to all and Sir taught them all how to read it. By that time, the Pleiades cluster was up in the sky followed by Orion Constellation by the core committee members. So, all the three telescopes were first set to Pleiades cluster and then the Orion was introduced and shown to all. The third significant object to be shown was the Andromeda Galaxy which was then set on the telescopes and shown to everyone. Meanwhile all had their light dinner sharing with their friends and core team.

As the night got darker, the temperature started falling evoking the need of bonfire and hot coffee. So, the coffee was served to all and then bonfire was lit. All gathered around the bonfire

and started chitchatting and playing some fun games while few narrated some terrific horror stories. All these things were going on one side and on the other side, some keen observers were trying to find some clusters through the telescopes and photography lovers were turned into professional astrophotographers that night. Few of them got very good shots of clusters, constellations and star trails with few minutes of exposure. Samosas were served while sitting around bonfire.

Before heading towards the buses, group photographs were taken and everyone retuned back with a never – forgettable memory of a journey they had to the mysterious island – the dark and vast space full of mysteries.

Trident Labs

When you take up a challenge and some of the sharpest minds among you brainstorm to find solutions... Yes, that's what we do at Trident Labs!! When 70% of Earth is unexplored, we need to find a way to dive deep and look what nature has in stock for us.

On 12th October, Trident Labs conducted their intro meet where they discussed the future plans for VIT, AUV. It started with a brief introduction of our Autonomous Underwater Vehicle, THE TRIDENT. The construction of AUV, competition expectations, and qualifying parameters were discussed in detail. Team leader of all subsystems elaborated their roadmaps for our first competition, the Singapore AUV Challenge.

Mr. Ashish Karale, Head Software Division, discussed the software framework and further hurdles in our

way. Mr. Vinay Kumbhar, Head Mechanical Division, explained the design of the bot, difficulties faced in the process and the expectations from new members in the fabrication of the robot. Ms. Manuja Bandan, Head Electronics Division, provided details of tasks under her subsystem and went on to discuss the innovative solutions which are being implemented for the brain of the bot! Mr. Shreyas Bhujbal, Head Corporate Division, described the role of the Corporate team which ranges from gathering the sponsors, conducting seminars and much more. He emphasized the importance of having a full-fledged team.

Mr. Sanket Warangantiwar, Head Workshop Division, dragged the attention of audience towards the novel initiative of the team to impart the knowledge they have learned, to all the college students through various technical as well as non-

technical workshops. Talking about the selection procedure for the team, he said: "We don't expect anything else other than these two qualities, which have been our pillars, DEDICATION, and DETERMINATION". The meet ended with questions from the audience about the club, future initiatives and the competition and workshop details. The enthusiasm and thrill on the faces of the audience were really promising and marked the starting of our journey in the endless grandeur of Underwater Robotics!!

Gedit

Staff Advisor: Prof. Dr. Ghadekar Sir and Prof. Kodgule Sir and Prof. Aparna Mete Mam.

Vision/Objective: The "Gedit" is a club organised by the IT students that mainly focuses on training and developing the coding skills of the fellow members who have joined the club for learning various diversities of Coding and Design. The Club has 4 committees: "Java, Python, C++, Android and". An extra committee can be added if Leaders know any other (new) programming languages.



TRF Workshop Level 1.2

Many students were unable to attend the TRF Level 1 workshop conducted in October 2017. Thus to give an opportunity to such students TRF is conducting Phase 2 of the Level 1 workshop. Reasons one must do the TRF Level 1 Workshop-

1. This is a unique workshop conducted by no other club in VIT
2. Faculty members having more than 10 years experience in the field mentor the students in building robots.
3. This workshop helps students crack the interviews for selection of Robocon, FTC, e-Yantra, etc teams of our college.
4. The quality of mini-projects done by the students, who previously attend this workshop, is observed to be at next level.



**A new section
wherein clubs can
reach out to the
audience regarding
their upcoming
events.**

Have the Basic Concepts/Programm in Languages or Approach ever stopped you from -

- 1) Designing Game
 - 2) Developing Webpage
 - 3) Creating Android App
 - 4) Automating your Surroundings
 - 5) Learning concepts in Compute Networking
 - 6) Understanding Cyber Security & Ethical Hacking ???
- Then Wait No more.... Here's your chance to display your creativity & win prizes as well as learn new concepts in a fun & unique way Technocrats is more of a group of people with thirst for technology than a mere college club... It was initiative of a bunch of talented senior students to share the knowledge they know & get the best out of a Junior's mind to help him/her explore the world of technology & innovation... With a support of some experts, professionals & experienced faculties of our college. We are now ready to take your mind to a next level & bring you together in taking big steps towards progress... In every lecture of Technocrat's be ready for expert's guidance, doubt solving by seniors & a refreshing non-technical activity ... No restriction on any branch as we believe Knowledge is power & interest is priority .Be a part of Technocrats to give your innovative ideas a platform to Work.

Technocrats

CHESA

Chemical Engineering Student's Association organized some key events during autumn 2017 with a goal to bridge the gap between industries and classrooms. There were sessions and visits to make the participants aware of the chemical industries working culture. The participants were benefitted by understanding how their current education is being applied and giving results. This also indulged a thought process in the students to prepare them for it. Skill development, awareness, acquaintance, and knowledge were the components prioritized for the events.

GATE-How to prepare?

On 2nd November, ChESA organized a GATE awareness session directed by Prof Dr. Makarand Upkare sir. The target audiences were all the GATE aspirers in VIT. Dr. Upkare is a GATE scorer with AIR 121 and one of the faculty members in Department of Chemical Engineering, VIT. He briefed all the dimensions of GATE exam and advantages after getting good scores. He gave certain guidelines appealing to the students about preparation from right during their university days. Also, the question paper was illuminated making students aware the qualities the exam checks in every student



Institute is fundamentally built on principles of concepts of heat transfer. Participants could relate their classroom studies to the simulation of a heat exchanger. Starting with the problem statement, the participants explored all the steps required for design and their understanding of the subject was enhanced.

Industrial Visit-Katraj Dairy

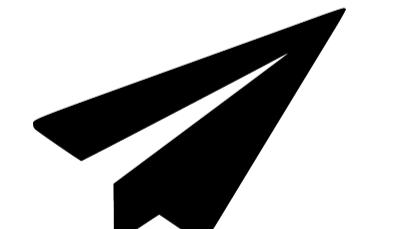
An industrial visit aims to show engineers the working of their understanding being executed. Katraj Dairy is a food industry located at Katraj has many cross-linked and parallel chemical processes. On 11th November, all the second year chemical engineering students understood simply 'how the animal looks.' The visit successfully achieved its goals.

Careers in Chemical Engineering

What lays after B. Tech before Chemical Engineers? Mr. Narendra Thatte on 18th November explained facts about the chemical engineering field and as a chemical engineer, what are the opportunities there. Students of chemical engineering participated in the session actively. Understanding the self-abilities and taking the leap was the key point of the event.

Industrial Visit-Shiv Shakti Oxalate

Shiv-Shakti oxalate is a chemical plant at Kurkumbh MIDC purifies Industrial solvents and recycles them effectively. All the third Year chemical engineers during the visit on 21st November saw processes like distillation, purification, heat transfer etc. The visit as far as the goal was concerned proved to be successful.



us your work @..

If you want to feature your work in the next edition, send it to us at vatchalvit@gmail.com and we shall publish the best ones in Reader's Wall.



Soft skills Amplified

●● In the fast-paced world of today, exceptional command on hard skills will not be recognized if it is not complemented by great soft skills. To make our students succeed in life with flying colours, Abhivridhi in association with Barclays and Global Talent track took an initiative and arranged a comprehensive 4-hour training session. This training covered topics like communication skills, grooming, proactiveness, written communication, resume writing guidance, group discussion and interview tips. Prof. Rajesh Dake, Dean Student Activities, welcomed the six eminent speakers from Global Talent Track. This training session was multi venue



arrangements, where all the six speakers conducted sessions at six different venues- 1222, 1328, 2306, 3105, 3106, 4006 (participants classified based upon departments) simultaneously. The

six speakers guided a total of 280 students. This training included SWOT analysis, which helped students to understand themselves better. Students of third and final year were highly

benefitted from this session. The overwhelming response from students made this session a huge success.



Technical Paper Presentation

●● Since the development of the student is the primary goal of Abhivridhi, Abhivridhi approached Dr. Ganesh Dongre, Dean Research and Development to conduct a small informative seminar on paper publishing and presentation. Dongre Sir thoroughly explained the procedure of publishing a paper. He discussed the preventive measures that one should keep in mind while publishing the work. The most highlighted word around which the

seminar revolved was "Innovation". He gave the importance of Mini Project in the curriculum. He even discussed the innovative topics on which the modern science is researching and could be a topic of one's mini project as well. After the success of this seminar, the students are looking forward to such more sessions on a much broader scale.

Energy Conservation

●● Abhivridhi not only looks after students' development but also try its best to make this better to live. Witnessing the pathetic situation of the globe, Abhivridhi invited Mr. Pramod Daspute – Energy Auditor, PCRA faculty to give a brief overview on the current energy conservation and management scenarios. He even

with energy scarcity but also the career scope in this beautiful area.

The event would not have been possible without the constant support of Prof. Rajesh Dake, Dean Student Activities and Prof. S.S Shinde, MED. All the students were given a Certificate as a gesture of appraisal.

discussed the energy management taken by the college itself which drive more interest of the students. Third and Final Year Mechanical students were the targeted students along with FY and SY of M. Tech Heat Power students. Mr. Daspute shared not only the effective measures to deal



●● Money is one of the most crucial things that an individual need to survive on this planet. The currency has various forms, but Abhivridhi along with Cloud Miners' group focused on the digital currency and Bitcoin. The experts in the domain Mr. Bhagatsingh Pawar and Mr. Amit Savagaonkar shared their inside-out knowledge of Bitcoin and Blockchain Technology respectively. Prof. Rajesh Dake, Dean Student Activities, welcomed the guests. Around 200 students mainly of Computer, IT and MCA

departments attended the awareness program.

The keen interest of the students in the topic was observed by the numerous questions they asked the speakers. At the end of the session, as a sign of appreciation, for 10 good questions Pranav Agrawal with the speakers distributed cryptocurrency(MCAP) of 10\$ to each student. The guests presented a model of Bitcoin to Prof. Rajesh Dake as a sign of gratitude.



Soft skills Amplified



Yes! It can be done

Be yourself, probably that's the best thing you could do!

There is always going to be someone better than you, but that shouldn't make you feel you are of lesser worth or inferior to anyone. Having said that, being better at something should not lead you to superiority complex either. The temperament one should have is to share and learn. Helping those seeking help, and seeking assistance when you are in a fix should be one's attitude.

If someone excels at something, there should be the willingness to appreciate that person and learn something from him/her rather than being envious of him/her. Your competition should be with yourself and not with anyone else. Compare your present self, with your past and look for any betterment in you.

If you are becoming better at something, improved upon a skill or picked a new one most probably you are on the right path. But if this isn't the case, probably it's high time to mend your ways. Certainly, the ones ahead of you in the race can serve as a benchmark for you, something where you wish to be. Put in the efforts, strive hard and achieve whatever you wish to achieve.

Have a goal to learn at least one new thing every day! Try to imbibe good things from people around you. There is always something to learn from people around you.

Shiv Khera had once mentioned in his book, "You can win": "**Even a stopped watch shows the correct time twice a day!**" On similar lines, there is always something to learn from people who are near you. Another key thing is to remain focused and chase your goal relentlessly come whatsoever. Life is full of hurdles, big or small, easy or difficult but there will always be one. It's your firm determination and passion that will help you go past them.

I would end by quoting one of the most inspiring quotes of all time said by Martin Luther King Jr,

" If you can't fly, then run. If you can't run, then walk. If you can't walk, then crawl. but whatever you do, you have to keep moving forward."

-Prasham Bhargava

The Spoilt cornflake

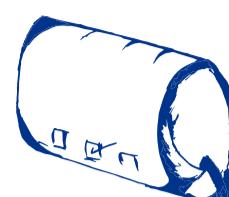
The world looks bleak through curtailed holes. I used to wait for grey clouds, not because they brought in the rain but because I could hear and smell them within my confinement. I always thought the droplets from the sky healed you, poured in between the gaps and stretched out to fill them.

There were numerous times when I crawled down that stairwell to taste the north wind. Until that high window in the dark corridor pulled me back into that simultaneous state of equilibrium and entropy. In moments of lucidity, I would often carry myself to the shoreline. The wee hours of dusk or dawn look like a colourful spill in a bar on a Friday night. I never felt special or gifted in any sense; but in moments like this, I could just listen to my blood, at least in those parts that were alive.

The sea is pretty sympathetic to a visitor. I remember the time when the breeze carried my crutches away; I felt defeated. But the water would rush in and try to pretend as if my voids weren't real; the air between my fingers had not lost its price. I don't bother with stray glances. I feel people reprimand themselves for possessing what others do not. I have accepted this continuity of incompleteness, its time you do too. Then hopefully someday when we cross each other on the sidewalk, you could answer me with a smile.

The only thing worse than pain is the lack of it. In moments of solitude, I would let my dead parts bask in the moonlight. My mother would call it the life of the night. I was a troubling child but her lullabies never lost their vigour. I don't own an umbrella because I am not afraid of the rain. I would sit on a soaked park bench and watch mice scuttle around for shelter. I guess these complete beings do have some lacking. But dry as they stay, they do return to a soothing brush on their bruises. I come back to a kettle on the dusty stove and an amputated table in a silent room. Maybe I will fix that leg someday.

-Sagnik Sen Sharma



Questionnaire



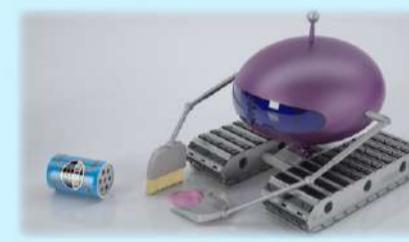
ROBOWHIZ

PROBLEM STATEMENT #002 "SWEEPER ROBOT"

To design a bot that will:

1. Move in a specified area.
2. Sweep in the region and collect garbage.
3. Deposit all the garbage in the garbage disposal spot.

Deadline for entries: 30th Jan 2018



SO GET THOSE GEARS IN YOUR HEAD WORKING!!!
COME UP WITH A SOLID IDEA, MAIL IT TO US AT
trf.info@vit.edu
WINNERS WOULD BE DISPLAYED ON OUR SOCIAL
HANDLES AND WOULD GET GUIDANCE TO BUILD THE
ROBOT!

For any queries, contact:
Loukik Parab: 7744836902

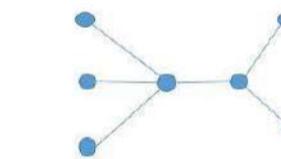
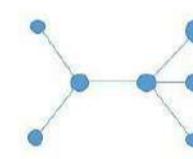
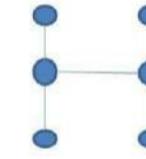
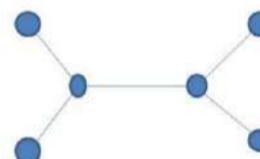
Ekasutram

You need to find out how many trees with 10 points are possible satisfying the following three conditions:

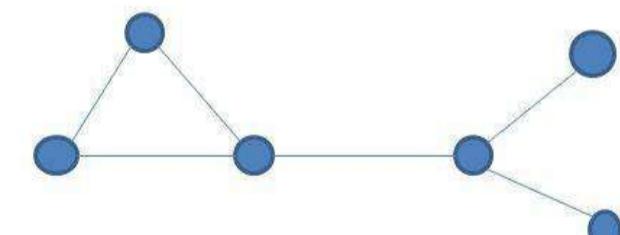
A network of dots and lines is called as a tree if,

1. Homeomorphism is to be followed.

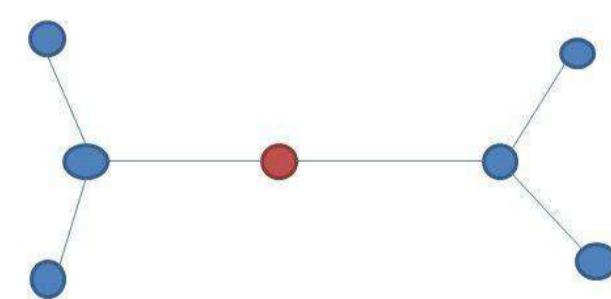
The above two trees each with **size 6** are homeomorphically same. In the same context, the mirror images are treated as homeomorphically same, as below. Therefore, you need to count it as one.



2. Cyclic structure is **not** allowed. The above tree contains cyclic structure. (Triangular one) Well, it is not allowed if it is to be called as tree.



3. It should be irreducible. Clearly, you can understand that the middle red dot can be reduced just by eliminating it and joining the adjacent two blue dots by a line. It is reducible. No such trees are allowed.



How many homeomorphically irreducible trees of size 10 are possible? And, hence, draw the same.

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#One last time

 VIT, what does it mean to you? Is it just a college? Is it just a place where at the end of four years (or maybe more) you will become an engineer? Or is it more than that? To me VIT isn't a place, it's a feeling, it's an emotion, it is a place which changed my life, a place which made me the person I am today! As I spend my last semester in this college, I tend to reminisce a lot of things, the good times and the bad ones, the variables and the constants, and I spend each day in the fear that the moment when I will have to let go of this place will be arriving very soon.

While for every student who is in his final year, the experience of the past few years will be unique, I am sure that there are certain feelings and emotions which are common to all of those and us are what I want to talk about. With each passing year, as we kept progressing through our semesters, VIT changed and it grew with us, we as a batch have experienced it all, the smell of fresh paint, the beauty of newly planted saplings, the modified canteen, the re-furbished Nescafe, the price hikes at fruit centre, the changes in the exam pattern, the first edition of

VIT Pune MUN, the beginning of TEDxVITPune, the disappearance of the online midsem, among several other things, while some experiences have been really good, some maybe not so much, but one thing is for sure, I will definitely miss all of it.

I will miss waking up at 7:40 and rushing to reach the 8:00 am lectures, the late night study sessions the night before exam, the birthday celebrations in minus 2, waiting in a line for about half an hour, before entering the auditorium to witness footloose, the amazing Firodiya Karandak performances (which seem to be getting better every year), rushing to New Poona Bakery to get a 'Samosa' in between lectures, the struggle to maintain 75% attendance.

and the sheer joy of winning even
the simplest of events during
Vishwakarandak and Mélange.

Vishwakaranda and Melange. College isn't just a stage of our education, it can also be defining aspect of our career and future, this is the time we become adults and realize the intricacies of adulthood, we learn to accept our flaws and strive towards betterment and the most important thing that we need at this stage of our lives is support and that is what VIT has given each one of us, whether it is the motivation to try something new, or the mentorship of my very helpful seniors, or the internship/placement opportunities we have been able to receive, the overall experience has been unique and in

this semester as the journey which all of us began together, in July 2014, heads towards an end, let us enjoy our one last times to the fullest, the last Mélange, the last MUN, the last TEDx, the last Vishwostsav and the last end semester examination. After all of this ends, we will be faced with the corporate life, or strive to become an entrepreneur, or maybe go for higher studies, no matter where our lives lead us, this place will be a common thread which will have had an impact on us, for better or for worse. So let us enjoy this last semester to the best of our capabilities and leave this place with memories, which would last a lifetime!

This place has shaped the way I think, influenced my beliefs, and taught me to look for the best in people and to find the courage to survive against all odds; it has given me the opportunity to excel, not only on an academic but also on a personal level. The guidance of my teachers has been truly valuable, the support of my friends has been remarkable and this has been a thrilling ride. I hope that all my fellow batch mates feel the same.

-Pallavi Dandamudi

Nikhil Saoji



A black and white circular mandala design featuring concentric layers of stylized leaves or petals. The center contains the word "SAATCHI".

Nikita Saner

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