



vaatchal

——
THE OFFICIAL VIT NEWSLETTER

January-February Edition



Firodiya Karandak

●● Various activities keep on going in our college; one of them is Firodiya Karandak, which comes under ViCuIP. VIT Cultural Productions is a whole new place altogether. Working day and night, this production has ultimately ended up being a 'home'. Two - three months before the actual 'prayog', staying up all night, working up on our 'Events' which every year ViCuIP makes sure new ideas are discussed everyone's suggestions are taken into consideration during the first days of circles and later implemented.

Our artists urge new art form as the set demands. A huge amount of work force is needed for 'Set designing' considering the story. Music section of ViCuIP always helps in keeping everyone on his or her toes working hard as the songs are all in the air, always well thought and composed. Acting and dance sections are the one to look forward to. All together the set comes alive and a huge process of two months is showcased within 45 mins with huge enthusiasm and effort!!

As every year even this year VIT has tried



out new theme with new work force. Our theme this year was unique and the story was the one to look forward for. Giving chance to 'Horror' this year, our actors have went out of way and performed really well with character swap and the most awaited scene of 'Chakhva' was acted upon really well. Many changes were seen during the process. At times even scenes were

completely changed just a week before just to make VIT our home ground win. Everyone is seen accepting the changes and inculcate them into self as easily as possible! The most important is the team spirit of ViCuIP family... Which makes the process even better and easy to go with!



●● Founded in 2013 by extremely enthusiastic engineers in Vishwakarma Institute of Technology, Pune. The Team participates in **Go-Kart Competitions** Organised by different motorsports organizations. The team secured **overall 3rd rank** and won a prize money of Rs. 80000 in INTERNATIONAL SERIES OF KARTING 2018, which was held at Visakhapatnam in month of February 2018. The event was held at Hub for Youth track, Visakhapatnam from 26th February to 1st March 2018. The team experienced ups and down throughout the event. The major issue the team was tackling is backfiring of engine due to which when accelerated the engine was losing its power. The consequences were that team had not performed well in

Team Taurus - ISK

events like acceleration and Manuverability. However, the team did not gave up and the cause of malfunction was determined and fixed just moments before the qualifying race.

The Go-Kart was back in action after the problem was sorted. Our driver ANIKET PATIL did a great job by showing is driving skills. By the combination of the skills of driver and performance of kart we finished 2nd in quarter final race and Finished 1st in semi-final race. The performance of the team in semi-finals bagged them POLE position in final race in which the kart finished 3rd and the team was declared second runner-up for which the team was awarded A trophy, medals and a cash prize of Rs. 80000.

Origin of Vaatchal

●● My heart beams with Joy and Pride as Vaatchal nears two years of its existence. What began as a small idea has now grown into a well-known name in the college. This moment calls for a recollection of the origin of Vaatchal. In the early part of the academic year 2017-2018 (my final year), we had the idea of a newsletter platform where students, teachers and the higher

management could get to know the happenings in college on a regular basis. Having seen similar newsletters in various premier institutes across the country, it was only fitting that VIT Pune had one of its own. By no means was this idea unique or untested. A couple of years before, a similar experiment was tried out in college but it did not sustain due to some reasons. After the approval of the Dean - Student Activities, I set out looking for the founding team. This was the most critical part, as no big thing has ever been achieved without a great team. I got my friends - Sayali

Divekar, Pushkar Marathe, Pallavi Dandamundi and Devavrat Mujumdar on-board. From them, I got to know that the then Editor-In-Chief of college magazine, Siddharth Wekhande had a similar idea. Therefore, we decided to collaborate with the Pi Magazine team. Although this association did not continue for long, their team is designing and writing prowess was a great help for the first edition. We spent quite



some time pondering over the structure, name, and format of the said newsletter. We ultimately zeroed down on the name Vaatchal, Marathi for Journey and the tagline 'Vaatchal – Be Informed. Stay Updated'. In line with the green initiatives in college, this newsletter was to be digital one only.

Thus on 23rd September 2016, after tons of data collation, editing, designing and rework the first edition was finally launched. It got off to a great start with loads of appreciation coming from not just the students but also the alumni and higher management. The resounding support that we got was a big boost for the upcoming editions.

In the following time, we also got some other

very talented people on the team such as Prajwal Langde, Sakshi Bobhade, Ashutosh Ranjan, Parth Munday etc. Each team member brought in a unique skill set and a renewed energy in the team. We released the subsequent editions, on a bi-monthly basis where we covered important events in colleges and insightful editorials. A student's corner was also added where we published articles contributed by the readers.

We also received immense help from the General Secretary Hrushab Deshmukh and all other secretaries of the Student Council. They provided information relating to their domains and played a major role in spreading the word about this project.

After the first few editions, I increasingly

withdrew my contribution to the team and let the younger members take over the reins. At the end, my role remained that of final editing and coordination. Throughout the journey, all the efforts that were taken to bring the newsletter to the students seemed to be worth it. In the hindsight, Vaatchal turned out to be my biggest unique contribution to the College. With the new team, bringing new vigour and ideas into the newsletter this year Vaatchal is only getting better. I am glad to be a part of the conception of such a wonderful project. Wishing the current and next team all the very best.

-Yash Kale

VIT Pune MUN

VIT Pune MUN, 2018

The VIT Pune MUN was one of the most successful events of this semester. With six committees and more than 250 delegates, the event emerged to be the most appraised edition of the event since its conception. With a staggering response and interactive debate, the committees discussed everything from the Kashmir issue, Kyoto Protocol and disarmament, to the rising tensions in the Korean peninsula. The event carried on for three days with a memorable social night on the second day where the delegates got to socialize with the fellow delegates outside the rim of debate.



Being a dialogue-heavy event, it turned out to be a source of commendable knowledge inflation where the participants took home more than just merchandise and new relations; they took home a valuable spirit of debate and dialogue where every world problem can come to a solution if the involved parties engage in delegation, dialogue and healthy debating to reach a middle ground.



Overall, the event was a gigantic success, which not just won the organisers accolades for their tremendous efforts, and delegates for their debating prowess, but also made a mark on the college's event-history as a trademark event of VIT Pune.



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

SPECULATION

Stock Market Investment workshop - TRF, VIT Pune

Wait a second!!

How is that TRF is hosting an event and there's no technical aspect?

So, here's the surprise element: MACHINE LEARNING IN STOCK MARKET ANALYSIS

Why spend time in the market analysis when

You can teach your computer to do so?

Learn to make your computer to earn for you

Duration: 17th-22th April 2018

Timings: 06:00 to 08:30 PM

FinTree workshop - CA Utkarsh Jain, CLO FinTree India

Machine Learning workshop - TRF, VIT pune

21th-22th April 2018

Venue: Vishwakarma Institute of Technology, Pune

Registration Fees: FinTree workshop: Rs. 399/- per head

SPECULATION + MACHINE LEARNING

Stock Market Workshop by **FINTREE** 17-20 April

Automation of Stock Market Analysis using **MACHINE LEARNING** 21-22 April

WHY SPEND TIME IN MARKET ANALYSIS WHEN YOU CAN TEACH YOUR COMPUTER TO DO SO?

FinTree Workshop - Rs 399
FinTree + Machine Learning - Rs 499

FinTree +machine learning workshop:
Rs. 499/- per head
www.vitpunerobotics.com/FinTree

Ethical Hacking Workshop

VENUE: SEMINAR HALL
Dates: 21st, 22nd April
PAYTM No.: 9823084884

Topics to be Covered:
Concept of Hacking, Trojans & Viruses, Wireless Hacking, Attacks on E-mail, Targeting WebApps, Windows Hacking, Reverse Engineering, Virtualization, Cyber Law, Mobile & VoIP Hacking

Registration Open tomorrow 14/4/18 to 18/4/18
For Ethical hacking and Cyber Security Workshop
Associated with Kyrion Technology and What after college and IIT Delhi.
21st and 22nd April 2018
Rs 1300 only /-
With IIT certification.
Chance for summer Internship in IIT Delhi
So register today... limited seats!



Antariksh

STAR PARTY – JOURNEY TOWARDS SPACE

●● Antariksh club (Astronomy Club) of Vishwakarma Institute of Technology (VIT) always arranges different activities on Astronomy and astrophysics among which the most significant is "Star Party". First star party of year 2018 was decided to arrange on 18th of February. In star party, the Antariksh team guides participants about the sky and helps them to get familiar with the heavenly bodies in the sky. Usually star party consists of following sessions:

1. Introduction to observational Astronomy.
2. Telescope handling.
3. Observation of constellations, nebulae and planets.
4. Star hopping.
5. Astrophotography.

Preparation of the Star Party started in 1st week of February. Publicity was done by means of posters and social media. Entries for Non-VITians were taken earlier than VIT students. This time, we were accepting payments through online transaction, which was convenient for Non-VITians. However, for finding a better sky view, Antariksh team decided to move to a new spot which was at 'Heritage view resort, Merawane, Maharashtra' which is 63km far from VIT



campus. Total 97 participants registered. Almost half of them were non VITians. As destination was far, Bus was compulsory mode of transportation.

Finally, the day arrived. Everyone gathered at Boat Club on VIT campus. Attendance was taken before entering into the bus. We headed to our destination from VIT campus at 4:30 p.m. on 2 buses. It took us almost 2 hours to reach the resort. On arrival to the venue, Antariksh team gathered crowd and our club secretary Hamza Saify gave introduction of the club and its objectives.

As tired of long journey, all participants needed refreshments. Antariksh team provided some light snacks and juice to our participants and energized them to fight against sleep throughout whole night. Then finally, it was a time to start our first session 'Introduction to Observational Astronomy'. Zameer Manur Sir, the mentor of Antariksh club became our charioteer and took all the participants amidst the alluring world of stars. He explained positions of stars, constellations and much more in that session. Then everyone started to locate the

constellations like Cassiopeia, Taurus, Orion, etc.

After a long journey in the dark space, we all gathered for dinner at 9 O'clock. Whole crowd formed a big circle and had their dinner. After having light meal, it was time to enter the space and take a closer look for which we needed weapons for magnification (Telescopes). We had 2 telescopes (each 6 inches) with us. We observed some clusters - Beehive, Pleiades, etc. and some nebulae - Dumbbell Nebula, Orion Nebula, etc. along with some galaxies -Andromeda, Whirlpool, Pin-wheel, Bode's galaxy etc. We took a closer look of some binary stars.

Around 1 am, Antariksh team provided entire crowd with hot steaming tea and biscuits. Now it was time to start with next session 'star map'. Sarvesh, Antariksh core committee member, explained all participants how to sail through sky with help of map. Participants asked many interesting question and they all got satisfactory solutions to their

queries. As weather was very cold, we took help of bonfire. Everyone enjoyed bonfire with singing, storytelling and discussion on astronomy. Then we headed to observe planets. We observed Jupiter, Saturn and Mars. Cyclone belts of Jupiter and the rings of the Saturn were awesome. Everyone was given opportunity to observe them through telescopes. After planets and stars, it was time to say hello to Milky Way. Simultaneously photography session was going on one side in which aspiring photographers were capturing compelling view of sky in their cameras.

It was now time to say goodbye to Milky Way and all planets as sun started its trip over the horizon. Finally, it was morning and we all departed for college along with precious knowledge of the space and unforgettable experience of star party!!!...

- Ashutosh patil
Antariksh Team, VIT

"Cosmic Epoch: First Few Seconds of The Universe"

A public talk on the origin of the universe and its various stages, was organized by the Antariksh Club in Vishwakarma Institute of Technology, Bibwewadi, Pune on 20th January, 2018. An esteemed research scholar at IUCAA, Mr. Swagat Mishra, was

invited to deliver this informative talk. Mr. Saurav, a junior research scholar from IUCAA also graced this talk. Our Dean-student career counselling & guidance, Mrs. Swati Shilaskar accompanied them and had a brief exchange of pleasantries. The entire event was on schedule due to the sheer team work of the volunteers present. Both of



our guests were felicitated with saplings by Swati ma'am.

Technical details covered in the talk:

Mr. Swagat started the talk by discussing the large-scale structure of the universe. He introduced Edwin Hubble's great discovery (Hubble's Law) and the contributions to the field of astronomy.

This posed a question, "has our universe always been like this?" He later spoke about Einstein's theory of relativity and how it predicts the birth of a dynamic universe. Winding the clock backwards, he delved into the Big Bang and the cosmic background microwave radiation (CMB), the theory of

inflation. He also discussed about the much hyped and mysterious dark matter and dark energy, their properties and their influence on the cosmos. A computer simulation of the web structure of the universe was shown. Finally, he concluded the session by stating some open questions that are yet to have a definitive answer.

After the talk, a Q&A session was held, clarifying all the doubts of the audience. Later on, the guests were treated with some fruits and juice. Event completed with a photograph session along with the core members and the volunteers was done.



VIT Poet's Society

Mehfil 4.0

You are sitting on a table. The lights are dimmed. You feel the slight chill of the late winter evening breeze blowing from the sides. With a smile and half-closed eyes, you contain within yourself, the joy of listening to some soulful poetry. In the gap between the couplets of his poem, for a moment, the poet pauses; and a spontaneous "Waaah!" erupts from your heart, You realize, your eyes are moist. It is Mehfil 4, an event like never before ...

The canteen was given a brand new Avatar, as it prepared itself for its maiden event on 15 February. The core team indigenously worked to set up the aesthetics of the stage for what was to come, an evening of some classic entertainment. Amidst the clapping and cheering, waahs and Aaahs, and Yos and Wohoos, in the two hour span from 5:30 to 7:30 pm, 25 poets "performed" their original poetry. The

poems touched every possible human emotion, in the form of lyrical, spoken word poems, free verses and Gazhals; in Marathi, Hindi-Urdu and English. It was a gymnastic display of creativity in language to say the least.

Mehfil 4 will be remembered for introducing Hip-Hop to our Poet's Society, when one of our poets Aditya Kumar, rapped three of his own English verses to the beats of Vedang Deshpande. This was a perfect setup for the special performance of the evening, which

was later delivered by our guests, "Street Force Pune", a hip-hop crew, who dominated the stage with their fiery Marathi rap and wicked beatboxing, and moved the crowd to groove at the confluence of music and poetry. Our very own Ishan Natu who brought the elements of romance and humour to his Marathi rap nicely followed this up.

We were more than honoured to have the presence of Mr. Pankaj Harolikar, from Sukhan - an organization dedicated to Urdu poetry, literature and Hindustani music - who

after briefly expressing his delight, also gave us a poem to cherish. We were also delighted to hear Prof. Kapil Mundada, our mentor as he expressed his supported and encouragement.

The evening came to a perfect end with a mashup of the most romantic songs, gently served by Vishal Gortyal on the mic and Nisarg Doshi on the keyboard. The soulfully overwhelmed audience reluctantly left, humming the melodies with poetry in hearts.

Trident Labs

Conducted from 19th January to 21st January, the Haptics workshop was by far the biggest workshop of Trident Labs. The mentors for the same were invited from an ISO certified company- Robokart. In the 3-day workshop, the students were taught the basics of

Arduino, which was to be used for the programming of the Robotic Arm that worked on Haptics Technology. The hardware aspects of Arduino Nano were covered along with the programming details. A takeaway kit consisting of the Arduino board and all necessary components for the building of the robotic arm was given to the participants.

The all-round knowledge for the development of a technically sound engineer cannot all be

provided through textbooks and hence, we at Trident Labs take it as a responsibility to ensure this is done. The conduction of such unique workshops is one of the ways of doing it and we strive to do better every time.



Reader's Wall



Nikita Saner



A Forecast for Today

"A drizzle I cannot see," said the hunched weatherman shrugging his drenched shoulders. A wrong forecast in his closed umbrella, strangely dry in his coat. A shove pushed him into the narrow thoroughfare; he silently proclaimed his innocence to the dozens of inconvenienced pedestrians that do not know of him.

But in an inexplicable way, their grievances took the shape of a protruding lump of cement, upon which his feet abruptly halted. In a forward descent, he rotated half a circle and smacked the pavement. "Ah!" he let out a syllable acknowledging the pain with closed eyes and clenched teeth.

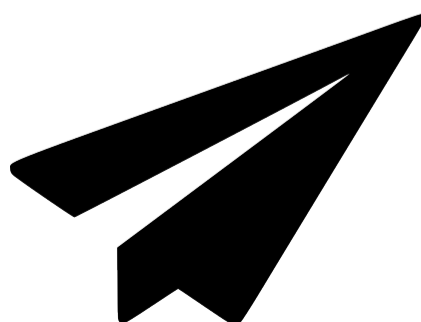
A neon gleam carefully incised into him, picking out parts that it could not seduce with its light, and placing them on his pupil. He was a man and even a seasoned child, but looking up at the sky, at those ominous clouds, he searched for a space of clarity. When we found an unclaimed edge, he painted it a shade of blue.

The monsoon sky was bound by the buildings and his eyes. He drew constellations of stars he could not see but left them in a state of perpetual incompleteness disappearing into the boundaries. Perhaps that was the extent of his hope, veiled by uncertainty and fright folding beyond his perception.

He halted at the overpass; did not like the way street lamps keep out their radiance from underneath. It seemed his world was partitioned by shadows and dampened by rain into the shabby mud that trickled down his collar. He was reflected across in the frigid air, a lamb who threw away the wolf skin yet eerie of the resemblance.

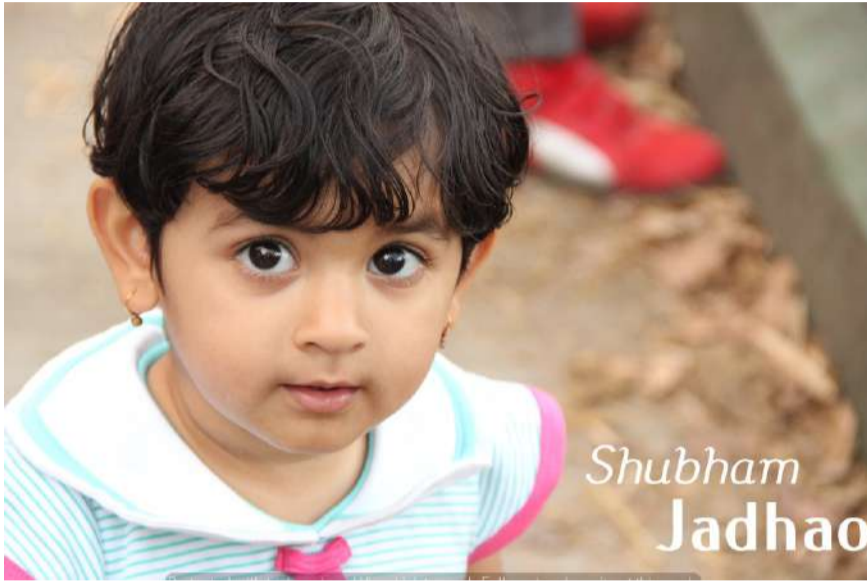
He is pulled out of that massive turbulence in a cup of tea. The loops of huddled cream held together his animation, throwing him a plank in the belly of a raging storm. The hot ceramic burnt his lip as he looked out of that ruined cottage. A gull tipped its hat at this standing morbidity; a silly man in an unkempt cabin.

-Sagnik Sen Sarma



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.



Shubham
Jadhao



Shubham
Jadhao

Shubham jadhao
PhotoGraphy



Chinmay
Vyavhare



Shedding

I wonder if names can echo through eternity. I trace the scars around my wrist and I bitterly sigh, 'Love hurts'. You were a ghost, and they

exist only so that someone can set them free. You unravelled my skin, layer by layer, made a home underneath it and then lit a fire. Memory is a strange curse. The more you want to forget, the smallest details creep up and make you wish you did things differently. On a lonesome night, I take a walk down one of the alleyways in my heart and each step is a sharp pain in the abandoned cavities. Sadness crawls out of me, goose bumps tracing their way every time I talk about how desire is gasoline, and you are my matchstick. I fell in love with your sweet lies. I woke up to your voice every day, now I am losing sleep over the silence between us. Some memories are palpable and I have beaten myself into a silent acceptance. It seems like eventually, everything is destined to morph into a reminder.

Numerous sunsets have passed since I stopped searching for a skin I can call my own. I wonder if we slowly become the people, we love. We do not have a metaphor, nor a poetry. Ours is not a love for celebration. At some point, affection failed to travel the easy distance between our eyes. Ghosts of yesterday will always haunt us. For every moment we were almost there, the knife of incomplete stories bruised my back. The walk through the deserted roads remind me of all that we lost. I wore my heart on my sleeve; you tore it open and made a celebration of its funeral. This is me, liberating you from the muse you never intended to be. I hope on one of these days, I find an ocean that will wash you away forever.

Brought to you by:
Vaatchal Committee:
Prajwal Langde
Aditya Naik
Debismita
Dutta
Pooja Yadav