



Since 1962

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VESIT IIC Inaugrated

-Dhaval Mistry

Our future growth relies on competitiveness and innovation, skills and productivity... and these in turn rely on the education of our people. - Julia Gillard

Every great educational institution believes in the need to create an environment of innovation and exploration to sow the seeds of future greatness. Keeping this in mind, on 12 January, 2019 Institution's Innovation Council (IIC) was inaugurated at VESIT. The inauguration ceremony for this council was held in the auditorium with notable attendees including our Principal, Dr. J.M. Nair and Managing Committee member, Shri B.L. Boolani.



The official inauguration of IIC.

Mrs. Pooja Shetty, who was the host for the event, warmly welcomed the audience. This was followed by felicitating the constituent members of VESIT-IIC with a sapling. Subsequently, Shri B.L. Boolani took the stage to share some inspiring words on research and innovation. To round off the ceremony, Dr. Kiran T. Talele, shared his thoughts on importance on new ideas and Prof. Dr. Nadir N. Charniya presented MIC objectives which include encouraging, inspiring and nurturing young students by supporting them to work with new ideas.

The logo of VESIT IIC was chosen through a logo design competition held throughout the college. Abhiruchi Bhattacharya (D12A) who won the competition was congratulated by Prof. Dr. Nadir N. Charniya during the course of the ceremony.

The IIC is a joint initiative of VESIT, innovation cell of MHRD (Ministry of Human Resource Development) and AICTE (The All India Council for Technical Education). As such, the council's primary objective is the promotion of innovation, research of new and original ideas. Students have to be at least in their second year engineering to participate in IIC's events. IIC's members have planned a lot of social media advertisements for first years to ensure that the first years of today can actively participate in the council's events second year onwards.

The current constituent members of VESIT IIC are:

1. Patrons

Shri B. L. Boolani, Managing Trustee, VESIT
Dr. J. M. Nair, Principal, VESIT

2. Council Members

President- Prof. Dr. (Mrs) M. Vijayalakshmi, Vice

Principal, VESIT

Convener - Prof. Dr. Nadir N. Charniya, Professor, EXTC

Members-

Dr. (Mrs) Gresha Bhatia, Deputy HOD, CMPN



Dr. Kiran T. Talele sharing information on the importance of new ideas in today's competitive world.

Dr. Kiran T. Talele, IEDC, SPIT

Mr. Darryl Dias, Investor

Mr. Mehul Rawal, Industry Expert

Mr. Nayan Khinvasara, Alumni

Special Invitee- Mr. Deepak Mehra, Patent Expert

Student Coordinator - Mr. Suyog Patil, EXTC

Member Students :-

Ms. Vishakha Vidhani, CMPN

Mr. Chandan Bhangale, CMPN

Ms. Reema Israni, CMPN

Mr. Onkar Kajrolkar, ETRX

Mr. Saurabh Koturwar, ETRX

Mr. Yash Patil, ETRX

Ms. Sonali Dulange, EXTC

Mr. Mohnish Niduvaje, EXTC

Ms. Pranali Patil, INFT

Mr. Raj Madheshia, INFT

Mr. Prathamesh Mulay, INST

Ms. Vishakha Marathe, INST

Ms. Roma Motwani, MCA

Mr. Onkar Sherkar, MCA

VPC conducts

Photowalk

-Atique Kudchi



The VESIT PhotoCircle conducted a photowalk on the 13th of January on Marine Drive with the theme "Morning Rituals", which was also attended by Ex-VPC member Piyush Thoravat.



Auditorium is packed to the rafters for the inauguration.

A New Chapter in VESIT history: The NPTEL Local Chapter

Aadi Fernandes

NPTEL is a joint initiative by MHRD with IITs and IISc to offer free online courses and their certifications on payment of a nominal fee under various topics, to all with an enthusiasm to learn. To take this initiative forward and to encourage more students across colleges to participate in this initiative, NPTEL chapter in colleges (termed as NPTEL - Local Chapters) has been set up by NPTEL which will be under the headship of a faculty member of the college, who would be our Single Point of Contact (SPOC). VESIT is now a Local chapter of NPTEL

This academic year, VESIT became a part of the NPTEL Local chapter, which in turn is highly beneficial, as our college is now in direct contact with NPTEL Team. The SPOC on behalf of the college can now suggest new courses that should be covered. Also, a fee waiver system can be requested in some special cases. Mentors will also be appointed from each department who will keep the students updated about assignment submission and also help them clarify any doubts that they come across while solving a particular assignment. They told the students that one could register for any number of courses in their field of interest. NPTEL SPOC, Mrs Pooja Shetty explained further that, "The foremost

advantage of NPTEL is that you can choose training programs which are not covered within your course curriculum. It provides flexibility in terms of the domain you want to pursue along with the certification from renowned institutions of India." Lectures are conducted by experienced professors from IITs and



(R-L) Mrs. Pooja Shetty, Mrs. Dipti Khimani and Mrs. Himali Patel educating students about the benefits of NPTEL courses

IISc and a portal is also provided where the students who have registered for the course can ask doubts to the instructor or discuss about the particulars on the forum which is also under the scrutiny of the in-

structor.

The VESIT - NPTEL Local Chapter Team conducted a session on 22nd January to introduce it to staff and students. Team included Mrs. Pooja Shetty, SPOC (IT Dept.) Mrs. Dipti Khimani (ETRX Dept.), Mrs. Himali Patel (EXTC Dept.), Dr. Keya Doshi (H&A Dept), Arthi C.I. (CMPN Dept), Sangeeta Oswal (MCA Dept) and N. Gopalkrishnan (INST Dept). They stated it's importance not only for students but also for faculty development. Not only would these courses hone the skills of students but the interdisciplinary courses could give you the edge over others in the industry. They showed a list of the courses that are present within the course curriculum of Mumbai University. Apart from that many other advanced courses on upcoming technologies such as Blockchain, Artificial Intelligence, IOT, Cybersecurity etc. are also provided. Following this, they explained the steps to register for the courses.

At the end of the session, they reinforced how important it is to gain extra knowledge from these courses and how it is one of the integral factor that will keep you one step ahead of the competition to get placements in dream companies and keep yourself technologically updated.

India's First Leadership Talk Series

-Tanvi Shinde

On 8th January 2019, the Vesit Institute Innovation Cell or VIIC hosted a live webinar for VESIT students of all disciplines. The talk was organised by the innovation cell of MHRD or 'Maharashtra Human Resource Development'. At 2 pm all the students of VESIT gathered in the library. The session was inaugurated by Prof. Pooja Shetty by briefing the students about the speaker and VIIC.

The speaker for the first session, which had more than a thousand students listening live, was Shri Anand Mahindra, chairman of the Mahindra Group. Mr. Mahindra was interviewed by the chief innovation officer of MHRD, Dr Abhay Jere. He started by explaining the motive of this talk series, which was to give students the opportunity to benefit from the experience of the prominent leaders in the industry today. Dr Anand was asked to share his views about

the important things that are not taught at school. His answer stressed on the following points:

Humility
Brevity
Self awareness

Answering the questions asked by students from all over India, he shared some insight on the lessons he learned from his journey.

He shared his college life experience, and how rebellious he was when he switched to liberal arts and cinematography from engineering. He emphasized on choosing one's own path in life. He stated that every experience in his life helped him in some way to reach the current stage. Talking about facing failures in life, he gave some useful tips to practically handle these situations.

He then, spoke about how necessary it is for India to move from "jugaad" to actual technical innovations which are "jhakaas" or mind-blowing, and developing the working culture to be entrepreneurship-oriented and to reward new innovations and ideas. He also emphasised that future business models must be a combination of the socialist and capitalist models.

Answering students' queries about the dilemma of choosing between startup and jobs, he asked the students to examine what they actually expect from life, what gives them pleasure and how much risk they are willing to take. Says Saloni Shedge from D7C "The talk was very useful and inspiring."

Short Term Training Program on Green IoT

-Saumya Kulkarni

As the term Internet of Things has a lot of prominence in the world of engineering, Mumbai University has decided to include it as a part of its engineering syllabus. It is said that about a whopping 50 million devices will be connected through Iot by the year 2020. Smart homes and smart cars are already making their way into the market. Internet of things is hoped to be the next big revolution after the invention of computer.

An ISTE approved STTP on Green IOT was organised by Department of Electronics and Telecommunication in collaboration with Capgemini from 2nd Jan to 8th Jan, 2019. It's main focus was to keep the faculty updated on the requirements of today's IT industry and garner an audience of research scholars, postgraduate students and the industry people.



The demonstration of a disaster management project

There was a participation fee of Rs.3500 for the participants.

As tradition goes, the program commenced by the lighting of the lamp. The first speaker was Mr. Manish Tamhankar from Capgemini. He introduced the concept of IOT to all the participants and explained

the upcoming developments in the field. He spoke about the various layers of IoT and their significance.

The second speaker, Mr Manish Parulekar stressed on the need of IoT and its basic elements. He also explained about Design Thinking, which refers to the cognitive, strategic and practical processes by which design concepts are developed by designers and/or design teams. He received a lot of queries from the audience about difference between database management projects and IOT projects.

One of the most interesting speakers was Mr. Niket Raut, who worked as a Senior Technical Architect in Capgemini. He started with hands on training on Raspberry Pi. Arduino Kits was provided to every team of three participants each, and using it few ba-

sic programmes were executed. Numerous projects were performed on these kits the next day.

On 4th Jan 2019, the day began with a presentation by Dr. Y.S Rao, the Vice-Principal and Dean of R&D at Sardar Patel Institute of Technology. He gave an insight on how IoT has entered our day to day life in a small way. He shared his thoughts and ideas of how these applications can be implemented to reduce carbon footprint in the world. Later, Dr. Nadir Char-niya conducted a hands on session using the open source software, Thingspeak and AWS cloud services. Participants performed various experiments and pushed data on to the cloud as well as created an interface using Python to activate warning or danger signals for few applications. Another hands on session was conducted on 5th January as well which was a part of these experiments.

Then came the exciting part of the workshop. On 7th January, a visit was planned to CapGemini. The purpose of this visit was to personally get a look at how

fields like transportation of goods, maintenance of devices, etc have become an easy task with the help of IoT. An award winning project designed for disaster management was demonstrated to the participants too.

On the last day, Mr. Yogesh Pingle, Assistant Professor, from Department of Information Technology, Vidyavardhini's College of Engineering & Technology, Vasai visited VESIT to show the various IoT projects to the attendees.

The workshop was concluded by the distribution of certificates and mementos by our esteemed alumni, Mr. Amit Rambhia, CEO of Panache Digilife Limited. A few participants gave their valuable feedback regarding the sessions and how it will benefit them in their respective fields. Head of Department of Electronics and Telecommunications, Mrs. Shoba Krishnan, addressed the participants and dignitaries with a vote of thanks. "We had a wonderful time for 6 days in the workshop sessions. It was a stress bust-

er as well as a chance to keep ourselves updated. The visit to Capgemini was the highlight of this Short Term Training Program.", said Mr. Shobhit Khandare of EXTC Department.



The faculty of EXTC Department and the other attendees

Winter Internships at VESIT

Internships are the crucial bridges between theory and applications which help students apply what they learnt in class and boost their resume. Winter vacations are the time which provides this opportunity for VESIT students to get hands on experience on various projects. The VESIT Renaissance Cell conducted Internships for those students who wish to avail of this opportunity.

The process started with a rigorous interview process where the candidates were asked about their previous experiences and their willingness to work. 99 students applied of which 55 were from the computer field. These internships started around 18 December 2018. After a month long of hard work,

thirty-eight interns successfully completed their projects.

The projects were provided by Vesit Renaissance Cell and a few companies from outside, like Hitashi, Ascent, Prayas, Igmite Solutions ,GNU/Linux IT solutions, Cerelabs and several others. The project topics included smart classroom projectors, VESIT content management system which had sub-domains like Library Management System, attendance keeping system, leaving certificate generation etc. The students worked under the guidance of experienced teachers like Prof Amit Singh, Prof Anjali Yeole, Prof Deepti Karani and Prof Rajan.

-Tanvi Shinde
Kunal Bhatija from D7B worked on a few projects and commented on his experience, "It was a great learning opportunity! If one utilizes his time there, a lot can be gained from working in the internship. The faculty and especially the seniors were extremely helpful and assisted us whenever we needed." When asked about any advice he would like to give to the juniors, he said "You should be prepared to work every single day during the working phase and the internships in college are a great place for first-times."

By the end, the interns were contented and considered themselves lucky to be a part of this Internship Program.

Industrial Visit to Bangalore

Industrial Visit focuses on preparing the students to learn about the day-to-day workings of a particular industry. Taking its importance into account, the Third year students from departments of Electronics and telecommunication, second and third year students from Computer Science and Information Technology went for an industrial visit to Bangalore on 1st to 5th January, 2019. All the students boarded the Udyan express from Mumbai at 8 am on 1st January and returned on 5th January.

Department of Computer Science and Information Technology:

Day 1:
After reaching Bangalore, the breakfast was served in the bus on the way to their hotel, Rialto. The teachers that accompanied the students were Prof. Pooja Nagdev, Prof. Arthi C and Prof. Kajal Jewani.

After lunch, the students had an interactive and motivational guest lecture by Mr. Ajit Kaikini of Buoyancee trainings. Buoyancee is an organisation that specializes in unique and effective approaches to effective communication with self, with others- individually or in groups or in public. Presentation skills and corporate team and management development are conducted on need-based basis.

Later in the evening the students headed to the ISKCON temple. The temple is also popularly known as "Hare Krishna, Hare Rama" temple. The visit to the

temple was indeed serene and soothing. The beautiful architecture and peaceful environment of the temple is a sight to behold.

Day 2:
On 3rd January, the students visited the Infosys headquarters where they attended a short seminar in which they explained about how Infosys was founded and how a small idea had now turned into



Lalbagh Botanical Garden

huge aspiring successful company. After the seminar they showed the 81 acres spread Infosys Bangalore campus. Starting from a one-room office in J.P Nagar and eventually becoming the leading name in IT and Consulting, Infosys has a humble and inspiring history. N. Narayan Murthy, the CEO, contacted Naresh Venkataraman, a senior Architect, to build the futuristic Infosys Bangalore campus in the Electronics City. "The capital assets of my business go

-Akshara Sarfare
home to sleep. Come up with an idea and create an environment that will interest them and keep them comfortable at work", Venkataraman was briefed. The Infosys Bangalore campus has been the trailblazer of other private IT companies alike in many ways.



CMPN department students in the Infosys Campus

After lunch, they proceeded to Lalbagh Botanical Garden. It is a well-known garden and is famous for its glass house dating from 1889. Lalbagh houses India's largest collection of tropical plant and also has a lake. It is a 240 acre garden with 4 different gates and has over 1,000 species of Flora. Lalbagh is divided into many different types of gardens, one such garden that the students visited was dedicated to the famous Japanese art form of cultivating small trees- Bonsai. After returning to the hotel and a DJ party was arranged which was a surprise element for students.

Day 3:

After having breakfast, the students checked out from the hotel, and headed towards the Visvesvaraya Industrial and Technological Museum, Bangalore. Later during the day, the students also visited the Tipu Sultan's Summer Palace which is an example of Indo-Islamic architecture and was the summer residence of the Mysorean ruler Tipu Sultan. Hyder Ali commenced its construction within the walls of the Bangalore Fort, and it was completed during the reign of Tipu Sultan in 1791. Further, the students were taken to local market of Bangalore After dinner, the students boarded the train for the return journey..

Department of Electronics and Telecommunication:

Day1:

After reaching Bangalore at 9 am, students checked in the hotel Lemon-Tree.the teachers that accom-



EXTC department students in the ISRO campus

panied the students were Prof. Gaurav Tawde, Prof. Ajinkya Valanjoo, Prof. Anuradha Jadiya, Prof. Monali Chaudhary and Prof. Nusrat Ansari. After lunch, all the students proceeded to ISRO. At ISRO, initially the students were shown a video briefing the Chandrayaan-1 mission. The session was further taken over by a senior scientist who explained about the various components used in the making of space shuttles such as ASIC, thermal blanket and many other. He also explained about the upcoming ISRO project i.e. the launching of Chandrayaan- 2.

Further, students were taken to the room where they were shown the real-time working on Chandrayaan-2. Students were shown scientists working on the various components of Chandrayaan- 2 and the land moonrover robot which is to be implemented in it.

After this, the students were taken to a exhibition room where they could see models of various rock-ets such ASLV, PSLV and GSLV and various satellites such as Aryabhatta and Rohini. Also one could see the various electrical components used in the mak-ing of space equipments and the various high resolu-tion cameras employed in these satellites.

Further, an interactive questionnaire session was held where students were allowed ask questions and clarify their doubts. This session ended with mak-ing the students aware of the importance of these space mission and how can students become a part of ISRO and contribute to its bright future.The next destination on the itinerary was ISKCON temple. After this, the students were taken back to their hotel rooms followed by dinner.

Day 2:

Starting the tour after having breakfast at 9am, the students went to visit JVS Electronics. The company started in the year 1991 and has been in the Electri-cal Protection Industry since then. JVS Electronics is one of the leading relay manufacturers, supply-ing products in both India and abroad. During the



Visvesvarya Idustrial and Techonological Museum

visit there, an electrical engineer first gave a brief idea about the basic usage of Relays and then gave a further information about Electrical Protection. Thereafter, the students were divided into 3 batch-es where in each batch, various engineers' from JVS gave detailed information about the whole process that goes behind in the fabrication of a Relay. They further showed how a Relay ensures protection of

electronic components, especially showing a specific relay meant for a circuit breaker.

After visiting JVS electronics, the students proceed-ed to have lunch. After that the students went to the famous Lalbagh Botanical Garden. After returning from Lalbagh garden, the students enjoyed a small DJ party organized by the hotel followed by dinner.

Day 3:

The day started with breakfast at 8.30 am. After that, the students proceeded to Hindustan Aero-nautics Limited (HAL) Museum. There they were shown the progress of the company from the year in which it was founded to recent years. The gov-ernment-owned corporation is primarily involved in the operations of the aerospace and is current-ly involved in the design, fabrication and assembly of aircraft, jet engines, helicopters and their spare parts. It has several facilities spread across India. The museum houses displayed various aircrafts and he-licopters, Aircraft engine models, Flight simulators, a mock Air Traffic Control Tower and exhibit of In-dian aviation history. There was a small video show wherein they demonstrated the company's progress.

Further, the students went to the the Visvesvaraya Industrial and Technological Museum. Engine Hall exhibited engines of various cars, machines used in industry, a jet aircraft engine, and other mechanical devices. The How Things Work gallery explained the fundamentals of machines through interactive exhibits. Exhibits included the pulley system, gears, different ways of transferring motion, reducing ef-fort by levers, inclined planes, and screws. The Fun Science gallery displayed exhibits on the science of sound, optics, fluids, math and perception. The Elec-tro Technic Gallery contained interactive electrical exhibits which work on the basic principles of elec-tricity, electronics and communication. The Space – Emerging Technology in the Service of Mankind gallery showcased the achievements of the Indian Space Program. Later, the students were taken to the Tipu Sultan palace. After returning to the hotel, the students had their dinner and checked out of the ho-tel. At 9 pm, they boarded the train for the return journey to Mumbai.

VESIT Voice

-Gayatri Belapurkar

With the spirit of the New Year in the air and the new found enthusiasm of sticking to our yearly resolutions at least this once, the students re-turned to the college with renewed energy and refreshed intentions of completely nailing this semester. And it would be an understatement to claim that they did their intentions justice. It was truly an eventful month as Abhay Tiwari from VESIT got an opportunity to visit the Rashtrapati Bhavan this Republic Day. Ananya CV and Jyeshtha Prabhu won accolades at a debate competition held in Mukesh Patel College of Engineering. The VESIT Dance Crew has again turned heads with their eye-capturing dance. Aishwarya Patange and Adith Nair clinched the Third Prize in an event conducted by Academium and Finnacle, two of the many councils in NMIMS, Hyderabad. Mr. Harish Muthalagan and Mr. Rakshit Ganvir bagged yet another laurel for the college by securing the second place at the CII debate 2019 which was held at the Grand Hyatt, Mumbai. The Executive Board at SPIT MUN competition awarded a student of VESIT, Somesh Sidhwani a special mention. Moreover, few participants of Project Deep Blue got an opportunity to be aired on the radio and a mention in an article in The Hindustan Times. To add an-other feather to the hat, VESITians shone at the E-Summit held in IIT-B.

The individual achievements of students have not been all. This month, the Insti-tute Innovation Council was launched in VESIT. AICTE live sessions were aired in the college so that the students don't miss the opportunity of listening to the great achievers of the country share their experience and a few tips. STTP sessions were also held in this motion-packed month. This month marks the beginning of the NPTEL local chapter in VESIT. Industrial visits have been a 'must-feature' of the

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- Hiten Makhija
- Pratik Chainani
- Avinash Tripathy
- Rashmi Singh

month, with the Winter internships held by VRC further adding in by aiming to provide the students with a similar experience as that of working in the industry. The Republic Day was celebrated with immense pomp and vigour as the tricolor soared high in sky.

This onset of the new semester has also triggered the activities of the various societies and councils here

at VESIT. One of the first few events were Outdoor Sphurti, followed by an essay writing competition by VESLit and a skill development workshop by the Electronics Department. The societies too made their presence felt as ISA conducted an Android workshop, an initiative called 'The Community Project'; IEEE's Clash of Conquerors and Quizzard; and CSI's Hidden Cipher.

This month, in the Diaries section, we have Mr Rakesh Yadav, who works in Tata Consultancy Services and was here in the college to explain 'agility' to the budding engineers here at VESIT.

We at VESIT Connect wish you all a very happy, eventful and rewarding New Year and we hope you have your pride rocks as high as we had ours while we put together this issue.

VESIT dance crew rocks the stage again

-Arya Kasulla

On 20th January 2019, VESIT dance crew otherwise known as VDC got laurels to our college by securing the First place in the Dance Competition held in Sardar Patel Institute of Technology (SPIT). The competition was between the best teams of engineering colleges from all over Mumbai. After having successful venture last year, VDC entered the New Year on a highly optimistic note. There were a total of nine teams which made it into the final round and the first three positions were won by VESIT, K.J. Somaiya College of Engi-

neering and Ramrao Adik Institute of Technology respectively.

VDC started preparing for this competition almost a month ago, where all the 14 members of the crew: Aman More, Sudarshan Gaikwad, Sayali Moghe, Ruchika Udasi Gauri Jadhav, Priyank Sewani, Akansha Ahuja, Takshan Shetty, Rahul Panicker, Shubham Sawant, Jui Vichare, Shubham Haryaan, Aishwarya Silvaal, Namrata Sonavane put in intense



VESIT Dance Crew

VESITians conquer Hyderabad

-Atharva Gupte

Aishwarya Patange and Adith Nair once again made VESIT proud as they clinched a third prize at Narsee Monjee Institute of Management Studies, Hyderabad Campus. To reach to this level they had to pass several rounds which tested their management and quick thinking skills. This event NMIPL was conducted by Academium and Finnacle, which is two of the many councils in NMIMS, Hyderabad. The preliminary round for this competition was an online quiz based on business management. After the preliminary online rounds, a total of eight teams were selected for the final glory at NMIMS, Hyderabad. The on-campus event was NMIPL, where 8 teams had to bid in an auction for IPL players. Each of them were given a set budget of 60 crores and they had to buy their own IPL team with it. It involved business strategy and also knowledge of each player's playing skills. It also involved making your dream team in the given budget by us-

ing only the required minimum of it. This auction of the IPL dream team ended round 1.

The second round was the Presentation round where the participants had to explain why they chose the team and how the team chosen by them was fit for their business partners to invest, that is, the business worth of the team. Each team gave a marketing pitch as to why the team that they had chosen was the best. After the presentation came the third round of NMIPL - the debate. Each team had to focus on why the team they had chosen was worthy enough on the field. The debate round involved the on field performances and statistics of players in the team. Adith Nair and Aishwarya Patange's impeccable debating skills won them the debating round. The judges who presided over the competition were Mr. Manohar Peravali, Subhramaniam S and Shashikanth TN.



Adith Nair and Aishwarya Patange receiving the second runners up trophy

VESITians prove their mettle at the CII Debate

-Yash Keshkar

The talented and zealous debater duo of Mr. Harish Muthalagan and Mr. Rakshit Ganvir bagged yet another laurel for the college by securing a convincing second place at the CII debate 2019. The Confederation of Indian Industries organized event was held at the Grand Hyatt Mumbai on the 24th of January. It witnessed intense rounds of debating by the creme de la creme of the student debaters.

The first stage of the competition involved submission of a two minute video of the participants wherein they had to present their thoughts on a particular topic. The videos were later judged on the criteria of command over the language, ingenuity of ideas and the method of delivery. After the online submission of videos, these were scrutinized and a total of eight teams were selected for the final round on the 24th January, from the hundreds of registered teams. A

total of six pairs of debaters from VESIT participated in the first round, but the only team which went through for the second round was that of Harish and Rakshit.

The final showdown saw elimination rounds between the equally talented eight teams, with each team taking on their opponent with a sense of vigour and fervour, as they were observed and judged by a panel comprising of CEOs, industry leaders and corporates alike. The Harish-Rakshit duo cruised through the round of eight and the semifinals demolishing competition, before finally settling for a very close and respectable second position, but not before giving the winners a run for their money. Dr. Sushil Dhuldhara, from Department of Humanities and Applied Sciences had escorted the students to the venue.



CII Debate competition

VESITians enter Semi-finals in Debate

- Rashmi Singh

Three teams from VESIT attended the Mukesh Patel Debate Competiton on 18th and 19th January, 2019. The teams included Aditya Rao and Rahul Motwani, Itisha Dalvi and Aaryaa Padhyegurjar, and my team, Jyeshtha Prabhu and me, Ananya C.V. Our topic for the first round was, Beauty pageants are more empowering than degrading,

and we were in opposition. All three teams qualified to the second round. Our topic for the second round was "Abolition of reservation for women is a step in the right direction. We were in opposition again. Only one team, Ananya C.V. and Jyeshtha Prabhu, qualified the second round. The third round was the quarter finals round and our topic was,

Promulgation of products like Soylent should be encouraged in underdeveloped countries. For the third time, we were in opposition. The fourth round was the semifinals. The topic for this round was Section 7 of the RBI should not be invoked under current circumstances. Unfortunately, we lost at the semifinals round. But all-in-all it was a great experience.

VESITians get media coverage for Deep Blue

- Shruti Bondre and Aditya Srivastav

"We do not inherit the Earth from our parents, we borrow it from our children."

Mumbai has been the dream city for all the people all over India. Almost every other person wishes to come to Mumbai and achieve their dreams. Many of them have successfully created a place for them in this Dream City, while many others are still striving to achieve their dreams. But with such a great influx of people struggling to make a mark, comes a great responsibility- "The responsibility of being a better place to live in".

Catering to the needs like food, clothing, sanitation, etc. of a large population is a difficult task, so is the task of handling the large quantities of waste generated. 'Project Deep Blue' is an opportunity for enthusiasts to dedicate themselves to the idea of providing solutions to the plastic, waste and sanitation woes of the city by participating in this intercollegiate competition introduced in 2015. It provides opportunity for engineering college students to find solutions to solve real-life social problems using their technological skills. Project Deep Blue signifies the willingness to dive into the problem, the determination to get to the bottom of the issue and the drive to find a solution. It alludes to deep, intense, profound, intellectual thoughts. The qualified teams have been using cutting edge technology like Image processing, Artificial Intelligence (AI), Internet of Things (IoT), etc. to provide solutions for the various problems faced

by the city. The contest also gives "Milestone" dates and the teams are expected to complete the specified part of their projects till that date. This year 30th December 2018 was the 1st Milestone date where 10-15% of the project completion was expected. 2nd Milestone was due 20th January 2019 and 75-80% project completion was expected. The students were to show a demo of their 'hacks' to the mentors which were to authorize them. There was a session held at Mahape to improve the presentation skills and demo of the projects. The competition that started in October ends on 17th February, 2019.

A team of students from Vivekanand Education Society's Institute of Technology (VESIT) who qualified for the final round are working on a system that can suggest which area in the city needs how many public toilets. A member of that team, Mitesh Goplani from the Computer department was interviewed on air at Radio one International and later the team was interviewed on a call with Hindustan Times reporters; they were shortlisted for this along with 2 other teams on basis of an in-house round conducted to track status and progress of teams. Ujala Jha (D15), one of the team members said, "During our field visit we realized several public toilets are inaccessible during the nights, especially for women. Hence we are developing an artificial intelligence system, which will use population data and demography of an area to predict the population growth and sanitation requirements in the future."

Akshara Gadwe of D12C (3rd year Comps 2nd-Shift) who with her team is working on "Pothole detection" under citizen service problem (6th topic) says, "We are grateful to VESIT for giving us this exposure and opportunity to work with Mastek and Majesco as a part of Deep Blue Season 4. Technology can be philanthropy and Deep Blue turns it into reality. The domain Pothole detection helped us gain insights on the impedance faced in day to day life. It helped us curate and gave us hands on experience IoT devices. In this process we as a harmonious team were able to conclusively build a pragmatic approach to the problem statement."



VESIT Students: Gaurav Sahu, Abhishek Kaudare, Ujala Jha from D15 and Mitesh Goplani from D12B at the Project Deep Blue orientation.

VESITians at SPIT MUN

On the 12 and 13 January 2019, a delegation of five students from VESIT attended the Sardar Patel Institute of Technology to participate in their fest Oculus'19 - The SPIT-MUN. The delegation comprised of one senior Somesh Sidhwani (D12C), and four first year students; Pratik Chainani (D2B), Himesh Shadiza (D4A), Avinash Tripathi (D4B), Neeraj Patil (D1B). There event had four committees, of which four students were assigned to the Lok Sabha Committee and one assigned to the UNSC committee. The agenda for Lok Sabha was 'Discussing the DNA technology (Use and Application) Regulation bill, 2018' and for UNSC it was 'De-nuclearisation of DPRK post, the Panmunjom declaration and peace talks between DPRK and South Korea, 2018'.

The Lok Sabha session was conducted in a Mock Parliament format. Mock proceedings of the Lower House

of the Indian Parliament were taken up for two days, primarily focusing on the DNA Regulatory Board Bill.

The Deputy Speaker (Abhijeet Bhandarkar) and the Speaker (Ishaan Joshi) of the house did a truly commendable job. Their knowledge was stupendously vast and precise. They often encouraged the delegates and discussed with them how to bring up points and that was of great help, especially for the first timers, who comprised of 31 out of 35. Pratik Chainani, one of the participants enthused, "The event was informative in terms of Indian politics and Proceedings of Lok Sabha. It helped us to enhance our communication skills, critical thinking and team work. It crystallized the way we present our point in front of others after listening to them and their point of view regarding a particular topic. It was an amazing experience to interact and work with new people. I am grateful to VESIT for giving me an opportunity

to become a part of such an insightful event."

The overall set up was a success. The Executive Board awarded Somesh Sidhwani, a certificate of merit with 'a special mention'. The arrangements for all the delegates were ample and the whole team of SPIT did a great job in bringing the event smoothly towards its end.



The delegates were: Somesh Sidhwani (D12C), Pratik Chainani (D2B), Himesh Shadiza (D4A), Avinash Tripathi (D4B), Neeraj Patil (D1B)

When you can't find the sunshine, be the sunshine

-Anonymous

IIT-Bombay E-Summit

-Sreevidya Iyer

The E-Cell of IIT-Bombay organised an E-Summit called the 'Paradigm of Disruption' on 19th and 20th January 2019. This E-Summit was a conclave of competitions, workshops panel discussions and speeches from eminent personalities in the world of business. This year a few students from VESIT too, took part in this congregation to amass the wealth of knowledge.

The students had the wonderful opportunity to interact with Venture Capitalists, Businessmen and pitch their start-up ideas. Loads of competitions were organised for the students to interact with

sharp minds and test their skill-set. With some huge names in stand-up comedy and showbiz turning up, fun was definitely not forgotten.

All in all, for the impressionable young minds, the biggest take-away from this event was sheer amount of inspiration and thirst for innovation in our country. Events like these bring together the cream of the crop and prove as a boost for growth in engineering and technology.

Download the "E-Call" android app from playstore or visit www.ecall.innpg

HIGHLIGHT SESSIONS

Deloitte Convention Hall

 17:45 The Council of Ministers Giridhar Hirani Minister of Health Minister of Education	 18:30 Dr. Saradha Sarah Paul President ICR (Baroda District)	 18:15 Hon'ble Minister Arun Singh Minister Government of India
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KEYNOTE SESSIONS

Bank of Baroda LT PCSA

 10:00 Building a strong entrepreneurial culture Rajesh Vaghela President Baroda District	 10:30 Dr. T.R. Fadia T.R. Fadia President ICR (Baroda District)	 11:00 Dr. Shrinani Arora Shrinani Arora President ICR (Baroda District)
 11:30 Also an update for Baroda District Vishal Dhepar Minister (Health) Minister (Education)	 12:30 Dr. Kishu Daga Kishu Daga President ICR (Baroda District)	 13:45 Dr. Dinesh Kumbhakar Dinesh Kumbhakar President ICR (Baroda District)
 14:30 Dr. Anu Chhabra Anu Chhabra President ICR (Baroda District)	 15:00 Dr. Manish Manish President ICR (Baroda District)	 16:00 Dr. Anu Chhabra Anu Chhabra President ICR (Baroda District)

Popular speakers

Skill Development Week by Electronics Department

Aadi Fernandes

According to reports by a survey conducted by AICTE, while eight lakhs engineering students graduate every year from technical institutions in India, a whopping 60% of them remain unemployed. One of the reasons is the ever widening skill gap of required technical knowledge among students. As a remedial this situation, a “One Week Skill Development Workshop” was an initiative by the VESIT Electronics Department, under the guidance and coordination of Mrs. Dipti Karani and co-coordination by Mrs. Sarika Kuhikar & Mr. Abhishek Chaudhari. It aimed to fill the void by equipping students with hands on demonstrations about integral softwares in the field of electronics and also familiarize them with breakthrough innovative technologies like Artificial intelligence and IOT.

The workshop was held from 8th to 14th January,



**(R-L) Mrs. Sarika Kuhikar, Mrs. Dipti Karani
and Mr. Yogesh Pandit introducing students
to VHDL and the XILINX Software**

briefly explaining its importance for VLSI before moving on to the software programming on XILINX. He demonstrated programming of all the logic gates and also multiplexers and then guided them to perform the same. At the end of the session he also gave a brief overview of the usage of this software for counter circuits.

In the second half, Mr. Abhay Kshirsagar theoretically taught the CMOS lambda design rules for designing a CMOS inverter circuit. He explained the active area rules, polysilicon rules and colour conventions. A step by step design of the circuit was explained while the students simultaneously followed the procedure and did the same. The session was then taken over by Mr. Vivek Nair who conducted a hands on session of how to use the information they obtained and apply it to the MICROWIN software for circuit simulation.



Mrs. Kavita Tewari introduces students to MATLAB and it's importance in the electronics industry

plication, subtraction, etc, using it. Furthermore, she reinforced the importance of learning this software and how it has a wide scope for further research and development.

In the consecutive session, Dr. Rajani Mangala presented the futuristic avenues including Neural networks, machine learning, deep learning and artificial intelligence. Her session began by highlighting the importance of AI in technologies which are bound to change the world as we know it. Further, she explained the concept behind neural networks and their analogy with the actual neurons in the human brain. She factually evaluated real life scenario where artificial intelligence is more likely to give an accurate and faster answer as compared to humans. She also gave a brief overview of Hebb's rule which forms the basis of machine learning and neural networks.

The next day, Mrs. Sarika Kuhikar taught students designing of a single phase inverter using SIMULINK, which is a part of the extensive MATLAB software. She told them about the applications of the software and how its capabilities make it easier to design a any system. She gave them a brief overview of how the software is used. Following this she delivered a session explaining to them the step by step procedure of designing the Single phase inverter system while they simultaneously designed it on SIMULINK.

for second year students from Electronics department. It was inaugurated by HOD of electronics department, Mrs. Kavita Tewari; Deputy HOD, Mrs. Naveeta Kant and Senior professor Dr(Mrs.) Rajani Mangala who alongside our co-ordinator Mrs. Dipti Karani, gave an insight into the curriculum of the week's workshop.

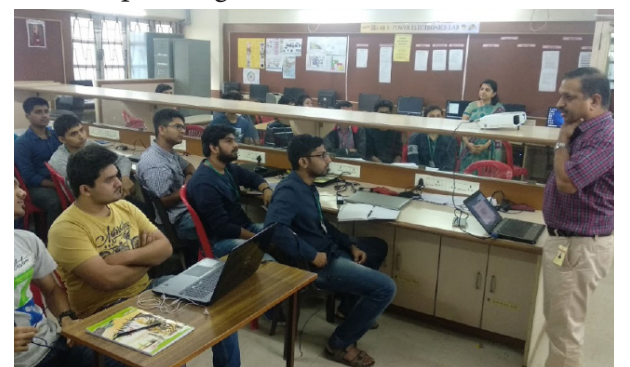
The first session was headed by Mr. Abhijit Shete who explained the procedure of PCB designing using EAGLE software, something that every electronics engineer needs for their projects. He thoroughly explained the problem statement followed by which a hands on solution for the same was devised. The steps included the circuit design, schematic design, followed by optimization of the PCB schematic.

On 9th January, Mr. Yogesh Pandit conducted a hands on session on VHDL (Very High Speed Integrated Circuit Hardware Description Language),

The following day's lecture was based on Introduction to Internet of things by Mr. Abhay Kshirsagar. He shared information about cloud computing, big data analytics and their interoperation with IOT. He brushed through various IOT concepts and communication modules used for the purpose. To put the students minds to work, he told everyone to think of a creative project based on IOT following which he had a discussion about the ideas.

On 11th January, Mrs. Kavita Tewari, the HOD of electronics department gave the students an industrial insight and overview of MATLAB(Matrix Laboratory) software and it's integral contribution to core electronics. The session was then taken over by Mrs. Dipti Karani who delivered a hands on session on MATLAB software and gave them a stepwise explanation of how to solve various problems of matrices such as addition, scalar multiplication, array multi-

The corresponding lecture was an introduction to



Mr. Abhay Kshirsagar on an introduction to the Internet of Things

Motors and the basics of AC and DC. This session was conducted by Mrs. Rakhi Jadav. She briefly explained types of motors used in various sectors. Using real life examples she elaborated various concepts behind designing the motor. She also explained how to choose the wattage of motor for a given load

and how the speed of a motor is determined. At the end of the session, she shared the importance of this subject and the application of motors in industries.

On the last day of the workshop, Mr. Abhishek Chaudhari conducted a hands on session on the basics of AVR studio. He told the students about the application of this software to various projects in the field of electronics following which he demonstrated how to program a bot using the it. He gave them a brief description of Fire Bot V ATMEGA2560 Ro-

bot and the components used to build it. After the overview, he also taught students how to program it using the tools provided in AVR Studio.

The teachers encouraged students to develop their own projects based on the knowledge they acquired in the workshop for which the teachers would be glad to provide assistance. Amogh Gajare (D6A) who attended the workshop commented, "It was an amazing opportunity to learn plenty of new technologies from experienced faculty". This workshop

was a spectacular learning experience with the students acquiring immense amount of knowledge and a clearer picture of the domain they want to pursue in future. The workshop was concluded with a vote of thanks by Mrs. Dipti Karani to the electronics department HOD, Mrs. Kavita Tewari and all other teachers who made this Skill Development Workshop possible.

Society

ISA-VESIT Community Project

In order to boost the technical prowess of its members and help them develop skills by actually implementing the knowledge gained over the course of time, ISA-VESIT came up with the initiative of a Community Project. 24 members of ISA-VESIT participated in this programme that commenced on 2nd January 2019.

The ideology behind this initiative was to help students develop a reliable prototype or a project that will give an accurate output even in the long run. With this thought, our faculty advisor, Mr. N. Gopalakrishnan along with ISA-VESIT's Third Year and Final Year council took up the responsibility of mentoring the participants on their venture to fully automate the lab.

This project has been divided into four parts. The first sub-project is, 'Monitoring energy consumption using energy meter' in which an energy meter will be hooked up in the main switchboard of the lab and energy consumption in the lab will be monitored, displayed and logged on a local platform.

The second sub-project is 'Fire alarm system' in which independent nodes housing smoke detectors will be used to detect fire and will send the data to the central gateway which logs the data and monitors the surroundings. The system will also show a safe exit route in case of fire.

The third sub-project is an 'Auto start-up and shutdown system for lab computers' which will switch on

and shutdown computers depending upon the presence of a user in front of them.

The fourth sub-project is an 'Occupancy monitor and lab conditions controller' which will keep a track of the number of people present in the lab at any given point of time and the temperature conditions. Parameters like temperature, humidity, etc will be controlled depending on the occupancy.

All the groups have started working on their highly intriguing projects with the help of the hardware provided by ISA-VESIT. The projects done by each group would be reviewed by Mr. N. Gopalakrishnan and we all look forward to seeing positive outcomes out of this great initiative in the near future.

-Omkar Rao

ISA-VESIT App Development Workshop

ISA-VESIT conducted a workshop on 'App Development' to introduce students to the concept of identifying the basic platforms and application areas in this field. The workshop was held on 22nd and 23rd of January, 2019 and witnessed participation from about 60 students, in groups of 3. Mr. Sujith KC, Secretary at ISA-VESIT, gave students insights about the various aspects of App Development with minimal use of coding.

DAY1: The workshop started with making students familiar with online app development platforms. Students were taught how to build a basic 'User Interface' and functioning of various components used in it. They were given a brief idea about OTP generation, sending free SMS with help of SMS-API using 'Way-2-SMS'. Features of 'IFTTT' and how to integrate it with other applications were also shown

to students. The workshop also covered the basics of database management. Login, Sign-up operations, saving and calling images using database were also demonstrated.

DAY2: This session began with a brief elaboration of 'push notifications' and their applications all over the world. Using this concept, one signal notification service was demonstrated. A messaging app was created from scratch using 'Thunkable'. Hardware interfacing, execution of a problem statement on the spot were some of the concepts that were taught. The students were also demonstrated a project on automated shopping system. A mini project based on topics taught was given, for which certificates will be given to the groups on successful completion.

A hands-on experience to create individual and

unique applications right from scratch was given. Also, it helped them to stimulate their interest in the field of App Development by engaging them in a completely purpose-driven study environment. This workshop indeed turned out to be a beneficial learning experience for all the students.



ISA Android Workshop

-Pranav Phale

IEEE-VESIT's CLASH OF CONQUERORS

IEEE-VESIT conducted one of its most exciting events, Clash of Conquerors on 18th and 19th January 2019. The competition which once started out as a co-ord event, was then made open to all members due to its popularity. This was a card based strategic and adventure game where the participants had to battle it out for survival.

After an intense day of warfare, 9 teams made it to the semifinals and eventually, 4 finalists were selected. The four finalists played to battle to wits to win the top 3 positions.

The winners of the event are:

1st Place
Pratik Bhatia D17C
Raghav Heda D12C
2nd Place
Deepesh S. D17C
Monil S. D17C
Saswati P. D17C
3rd Place
Shashank P. D17B
Pritesh N. D17B
Karan P. D17B

Our heart congratulations to all the winners!

-Sreevidya Iyer



Teams engrossed in the game

IEEE-VESIT finds its Quizzards....

-Saumya Kulkarni

After the huge success of the Quizzard event held for the second year students, IEEE-VESIT conducted the second Quizzard of the academic year for the third year and fourth year students on 24th January 2019. The students were allowed to participate in groups of 2 or 3.

The first round was the elimination round, comprising of a series of questionnaires. The questionnaire consisted of political, general knowledge and technical questions. A total of 22 teams were selected for the second and the third round.

The second round consisted of a written answers round as well as a quiz round. The main objective of the second round was to guess the personality shown to the participants. In a slide of a PowerPoint presentation, there were four boxes consisting of four questions for 20, 15, 10 and 5 points. Once the participants guessed the answers correctly the box would reveal a part of the photo of the person. The person may be a notable personality from politics, sports, CEOs or the IT industry. The team would be awarded 20 points for a correct guess and the out of turn team would be awarded 5 points.

After an exhilarating second round, 6 teams qualified for the third round. The third round was even more exciting. It consisted of a buzzer which was exclusively designed by the council members of IEEE-VESIT. All the teams had to be extremely alert in the buzzer round. A question would be read out to the teams. After 30 seconds, each team would press their

buzzer and the first one to do so would get to answer the question.

The third round truly challenged the participants. After totalling the points of all the teams, IEEE-VESIT found its winners. The finalists of the second Quizzard event of the year are:

Winners: Sagar Bhojane(D19B)

Tushar Rao(D19B)

First Runner Up: Raghav Heda(D12C)

Sanika Chavan(D12C)

Shreya Patil(D12C)

Second Runner Up: Pradeep Gurbani(D19B)

Manasi Berde(D19B)

Abhjit Kathawde(D19B)



The teams engrossed in solving the questions



Dheeraj Jodha and Atique Kudchi, the hosts for the event

Mind Games by CSI

-Sreevidya Iyer

CSI-VESIT had its first fun event of the semester on 22nd and 23rd of January, 2019. The event hidden Cipher was broadly divided into two rounds. First was the paper eliminations and second was the final round for all the qualified participants.

The paper eliminations were held in the breaks as teams of three solved certain simple and equally tricky logic based questions. After the first round, a total of 23 teams qualified for the final round.

The final round was held on 23rd January, 2019 in rooms 312 and 313. The main event was carried out in the form of four rounds. The first round was "Rebates" in which each participant was given 50 points for the right answer. The game was based on quick thinking and deciphering English phrases from pictures within 30 seconds. 7 teams were eliminated from this round.

Second round consisted of identifying ambigrams. It was based on finding words hidden within pictures. This was a buzzer round and required sharpness and creativity. Four teams were eliminated after this round.

The third round was the most interesting round of them all. The 'betting' round included the top 3 teams gambling a minimum of 50 points on the bottom three teams based on whether they will or will not solve a given type of Cipher and vice-a-versa. This round was particularly intense as it was based on pure luck and tables turned as the losing teams gained points and the winning teams collapsed.

The fourth round involved intense encoding and decoding using Caesar Cipher. One of the three members had to encode the given message and the second had to decode it. The only hint they had was the range of the Caesar shift. After performing this sub-task the final task involved all three of them solving a Caesar Cipher which decoded to give a message which instructed them to perform a particular task at a particular location in the college. The event in totality tested their mental as well as physical quickness.

The winners of Hidden Cipher are:

1st place:

Anushree Bane (D12A)

Tanya Mohanani (D12A)

Vishakha Vidhani (D12A)

2nd place:

Smruti Kshirsagar (D12A)

Austin Coutinho (D12A)

Chinmay Sankhe (D12A)

3rd place:

Sanket Gokhale (D12B)

Grishma Gurbani (D12B)

Akash Hasamnis (D12B)

VESIT Connect congratulates all the winners and wishes them best luck in their future endeavours.



Student engrossed in the event

VES unites for R-Day celebration

-Arnab Saha

Every Indian celebrates two days in a year with a remembrance and salutation keeping aside their differences of caste religion and language: the Republic Day on the 26th of January and Independence Day on the 15th of August. The Republic Day marks the introduction of the Constitution of

India which was signed in 1950. This year embraces the 69th year anniversary and to commemorate this the whole of VES family came together to celebrate it as is the tradition

The ceremony began with the hoisting of our nation-

al flag by our honorary Chief Guest Dr. Rai followed by singing the National Anthem. After this came the March Past and it was charming to see students as young as pre-primary were participating in it. The contingent of VESIT consisted of 15 students with Atharva Godse of D1A being the placard holder and

Aditya Kadam of D19C being the Commander of this contingent. Despite having paucity of time to train for this event, it was wonderful to see the synchrony their march. This year also marked the first year of 2 bands being present. One each for the Hindi Medium School and English Medium School.

The March Past was followed by a beautiful display of band procession by the English Medium School. One could understand how great the performance was by seeing the smile on the teachers who had been training them since the start of the month. The cheering of the crowd increased each time they did a differ-



Students' March Past

ent routine. This was followed by a Patriotic Dance performance by the students of pre-primary. A few students dressed up as freedom fighters and spoke a few lines about them and their freedom chant. It was very inspiring to see these young children put up such an effortless performance. And the fact that not a single student stuttered while speaking, which showed their confidence and also the hard work of the teachers. The next performance was the Lezim dance. If someone had to describe the performance in just one word, it would be MESMERIZING. The performance wasn't a traditional Lezim performance but was rather mixed with a bit of Hindu mythology. This was followed by a performance of the VES Sports Academy who did Surya Namaskar and also other PT exercises which highlighted the importance of fitness in one's life. The final dance performance was by the students of Architecture, a branch that had been added in VES this year. Last year, a NGO had cycled all the way to Nepal to highlight a social cause. This NGO took a round of the ground and the entire cycling group were greatly applauded by the audience for their efforts to gather attention for a good cause. The final performance was by a gymnast of VES Sports Academy who mesmerized the crowd

by his performance of rope Mallakhamba. Each routine made the audience gasp with excitement as he displayed excellent skill and body strength. Overall, the diverse elements in the ceremony did justice to the national feeling of pride on the auspicious day. The 'Josh' was pretty high throughout and was a wholesome and successful event. Here goes to many more years of the growth of our nation.



The VESIT Banner



The Band

Musings

DELHI TOUR-DEMOCRACY and ME

-Abhay Tiwari

Abhay Tiwari was among the 26 winners of the essay competition 'Democracy and Me' conducted by Mr. Rahul Shewale, Member of Parliament, (South-Central Mumbai) on 10 January 2019. "Future of any country depends on the thoughts of the youth living in that country. For a bright future of our country, we need to hear the voice of the youth." – were the proclamation of our MP on his reason for holding this contest for the youth. The winners were promised a chance to witness the Republic Day Parade at Rajpath, visit to President House and Parliament House on 26 January 2019. Abhay Tiwari was the winner from VESIT. Given below is a brief description of his tour in Delhi.

Day 1: 23rd Jan

After getting off at H. Nizamuddin station we proceeded to Hotel Saptagiri. Heavy traffic disturbed the day's schedule. However, they (organizers) managed to plan for the movie 'URI' in DLF Promenade, a mall not for a middle or low-income person.

Day 2: 24th Jan

At 9:00 a.m. we headed to the bus which took us to MP Rahul Shewale's bungalow, located at 167 South Avenue. I was stunned to see the place. After stopping there for near an hour we left for President's house.

Rashtrapati Bhavan

Our bus stop at a place where initial checkings were to be performed. We entered through a narrow spiral staircase, all red in color. FB came out Grand Rashtrapati Bhavan was standing proudly with tricolor at its dome. A guard, most probably Gorkha, was standing as if he was a statue, near the main entrance of Rashtrapati Bhavan.

Reception Hall



Gate of Maharashtra Sandan

Anyone visiting Rashtrapati Bhavan was first verified at reception and then we had to wait for our call to go inside. In the meantime, I saw a beautiful 3D painting of Rashtrapati Bhavan on one side of the wall while pictures of ex-Presidents were put on the opposite side of the wall. There was 'Curio Shop' inside which antiques related to Rashtrapati Bhavan was sold.

Inside:NavChaya

A small room having science projects was the first home we visited inside Rashtrapati Bhavan. It was inaugurated by trust ex-president Shri Pranab Mukherjee. The corridor had floor made up of wooden blocks. The doors were large and royal. There were lots of security personnel inside who were continuously monitoring every activity which was taking place. Inside NavChaya where projects like earthquake detector and breath detector made up of simple circuits.

Exhibition hall (marble hall)

Next room painted was an exhibition hall exhibiting a number of embroideries. Our guide told us that it

was 'Zardozi' embroidery. There were large sheets which were brought from England for the king who visited India. It was called 'Marble Hall' because there were two marble beds in the room, as told by your guide.

Durbar Hall

Durbar hall was the center of Rashtrapati Bhavan. It had the capacity to accommodate 552 seats. It was used earlier as some hiding place but later meetings of heads of princely states were held with English head. It is the hall where the announcement of India's Independence was made. There was a Buddha statue near the head chair of the hall from where a carpet started which extended till another statue of some famous personality. This carpet divided Delhi into two parts: North and South. And it is due to this, many rooms in Rashtrapati Bhawan are named as North Block and South Block.

Banquet hall (dining hall)

It is a large hall where dine with foreign delegates are held. The rule of the hall is that nobody other than people sitting for dining will talk. The people who serve food manages using techniques such as signals from three lights above every portrait of leaders on walls. Their manager is sitting behind Gandhiji's portrait and manages the lights. There is Zardozi embroidery showing maps of different states on walls except for Telangana state. Live music is played on the first floor.

Mughal Garden

The Mughal Garden could be seen clearly from Banquet Hall. Everything was put into shape. Lots of people were continuously monitoring the garden. There was a fountain in the garden which added to

the beauty of the place.

Ashoka hall

It is the hall where different awards are conferred by President. Direct entry is made from President's personal house to Ashoka hall. It is a huge room with beautiful paintings on ceilings and walls. The ceiling and a beautiful painting of a king who was shown hunting along with his children. It was gifted by the same king. The live music facility was there on the first floor from where musicians played being behind curtains. The carpet of the Ashoka hall was woven by 500 Kashmiris.

Meeting Halls

Different halls were allocated for meeting with IAS, IFS and Chief Ministers. Guests coming during the morning and evening were allocated different rooms for meeting with the President.

A beautiful statue of Buddha, gifted by the Vietnam Government, is also kept in the Bhavan. Along the corridors, we can find statues of various previous politicians and reformers.

Parliament

After a visit of President's House, we headed for parliament. Heavy checking was performed before entering the premises. As we entered, the grandness of the building mesmerized us. On the main gate, we were introduced to scares made by terrorists on parliament. Climbing historical stairs, we entered the building. On the ground floor there were offices of different political parties. We went on the first floor from where pillars start. There were 144 pillars maintained adequate distance from each other and rising to a height of approximately 27.83 feet.



With MP Shri. Rahul Shewale

We sat inside the Lok Sabha where public seating

was allowed. A guide explained to us the working of the Lok Sabha. There were lots of holes in the ceiling which was kept open in earlier times for sunlight to come but now it was closed. Every seat had a head-phone and buttons for voting and for changing the language to Hindi/ English. Live translations are also done for other languages, but it had to be prior notified by the speaker of the language.

We also went to the Rajya Sabha and the Central Assembly where the President takes first joint session of Parliament. Discussion of the constituent assembly was also done there. Assembly hall has fans rising from the ground and they were DC powered.

Coming back from parliament, magnification buildings surrounded the roads made the perfect scene.

Maharashtra Sadan

The place for delegates of Maharashtra state to live when they go for the official visit to Delhi. After tiring day, we had 'Misal Pav' inside Sadan canteen. There was a beautiful statue of Shivaji outside the Sadan.

Akshardham Temple



Inside of Maharashtra Sandan

After Sadan, we headed to Akshardham temple. The grand architecture of the temple mesmerized everyone. There was a laser water show. The show is an excellent example of coordination.

Day 3: Qutub Minar (Minar-e-Qutb)

Qutb means tower while Qutb means 'book', was told by our guide. Lots of broken building was found. The tower has astronomical importance. Its aerial view is like Lotus. It was used as a sundial. Earlier it was opened for people to visit the top but now it is banned due to stampede which took lives of nearly 157 school children. There was Ashoka pillar, which

stood erect even after a lot of centuries in an open atmosphere.

Discussion with MP

That day we had our dinner with MP Shri Rahul Shewale. He asked us our views about democracy and also asked us to suggest ways to improve the system. We had a very lively discussion on topics like corruption, false political promises etc. He told us that a few days ago he went to the USA to learn better governance. He was troubled about the youth taking the support of topics like casteism rather than development.

Day 4: 26th Jan

We all were ready by 6 a.m. to go for watching the parade. After reaching a point from where no private vehicles were allowed, we started a long walk. Walking past the home of ministers, military personnel was an enlightening experience. After multiple checkpoints, we reached seat and waited eagerly for the parade to start.

Difference minister, President, and other officials went along the Rajpath. After this, the parade started. The parade started from President's house and ended at the India Gate. It was a beautiful moment when veteran soldiers Azad Hind Sena went past the Rajpath.

Felicitation ceremony

After the parade we went to MP's house for the award ceremony where we were conferred with a certificate and our national emblem. A Zee Taas reporter took views of a few students on the topic of democracy. After that, we left in Yuva express with loads of life-long memory.



Outside Parliament

MY EXPERIENCE AT AKANKSHA

Akanksha Foundation has been my dream NGO to work with. I wanted to volunteer for it since my first year of engineering. However, I was wary of the procedure for registration. On browsing Akanksha's website I was redirected to the section named 'Become a School Leader' which led me into the belief that volunteering with Akanksha requires a prior work experience.

However, during my Third year of engineering, we had a live project for the subject BCE wherein we had to volunteer for an NGO. Prof. Mrs. Geeta Ajit guided us through the procedure for the same and we successfully connected with Akanksha.

Overall, it was a great experience. I got to interact with underprivileged children and understand their problems. We always cry over petty issues. However,

the issues that we face are so minute compared to theirs.

The student which I worked with, Sohail, was a drug addict right from his 5th grade. However Akanksha Foundation made a huge impact in his life. His life took a 360 degree turn and in 9th grade he returned back, away from all addictions.

The School leader, Mrs Lekha Menon was very well aware of her responsibilities. She used to handle everything skilfully. She was the one who made me aware of my responsibilities and duties in the center. Although she seems to be a martinet, we do realize that everything she does is just for the good for the children there.

One day after the school, there were 15 people wait-

ing outside the center. It seemed obvious that a fight



Dhaval Bagal

would emerge. However, it was the school leader who took utmost care to see that no child gets harmed and no one gets indulged in the fight. To ensure this,

Dhaval Bagal

she personally dropped everyone to the railway station. This instance proved to me that she is impeccable with respect to her duties and responsibilities.

I never thought that I would be able to blend in with

the kids there, but to my surprise, I was able to do so very soon. The kids use to share almost everything with me; right from the nick- names they gave to certain persons. How can I forget the story behind ‘Chintamani’. The atmosphere there was very

scintillating, and working there for 100 hours never seemed a burden to me apart from the travelling part which was obviously tiresome. But now when I look back, I never regret it because of the memories that I made and the precious experience that I have gained.

VESIT Diaries

Mr. Rishi Hemdev, an alumnus of VESIT, graduated in 2015 from the Department of Electronics and telecommunication. He was placed in SAP Labs India via campus placements and today, works as a developer in the Department of Globalization Services. SAP Labs India focuses on business innovation through radical simplification to ensure customer success. Now settled in Bangalore, it has been more than three years since Rishi started working.

Q. Share a glimpse of your personal life.

A. I’m settled in Bangalore after I got placed In SAP Labs. I’m a huge fitness enthusiast and I love to go for a walk on weekends and explore new places in & around the city. Some of the hobbies that I have inculcated here in Bangalore are playing badminton and foosball.

Q. Tell us something about your college life in VESIT.

A. My student life was quite exciting. Every year, I was a representative of a council. I was the Music In-charge in my second year, Class Representative in my third year and Placement Coordinator in my final year. These positions gave me a good opportunity to interact with the students from my as well as other departments which also includes seniors & juniors as well. The support & encouragement by faculty for all these opportunities that I got is commendable. It helped me interact better with the faculty and is a reason that I am still in touch with them. Whenever I visit back, I miss those good old days, the assign-

ment deadlines, the adrenaline rush before a viva and the nervousness before an exam.

Q. Let’s talk about your professional life.

A. I’ve been working in SAP Labs for three and half years now. I currently hold the position of Developer in the department of Globalization Services. In this unit, we build solutions & applications which are specific to a country law compliance, considering all legislative changes that come up. Apart from this, the work life is quite balanced due to the extra-curricular facilities that are available within the campus like football, cricket, basketball, table-tennis, etc. The journey so far has been quite good, and I would like to continue the same.

Q. Today the world is advancing at a rapid pace. Can you throw some light upon activities that students can do from the beginning which will help them get an edge.

A. As we have seen in the past few years, the world is moving towards digitization and intelligent technologies. This is called as the age of data. I would like to tell the students to stay in touch with the latest technology trends, grasp the knowledge and try to apply it by making small projects even if it isn’t in the curriculum. Don’t just learn a subject, try to build something out of it.

Q. What do you think is the importance of extra-curricular activities in a student’s life and how to manage them?

-Gayatri Belapurkar



Rakesh Yadav

A. Extracurricular activities help build team spirit and develop leadership skills. This also helps one understand the importance of working in a team and this skill is much more demanded and respected than any other skill in the corporate world.

Q. As a professional, what can you say the companies are looking for, in a Fresher?

A. Companies certainly look for skills based on the job profile being offered. But more than that, what an interviewer looks for in a Fresher candidate is their ability to learn and adapt to new things. A company values such a candidate more than a candidate who is good at just one or two skills and isn’t ready to adapt. The attitude of continuous learning is what matters more.

Q. Any message for the new generation at VESIT?

A. Build values out of habit. Try to learn as many skills as you can, especially the soft skills, so that you’ll just have to brush them up when you enter the corporate world. Tenacious learning aligned with your passion matters in the long run.

Sports

Spurthi 2019

Spurthi or Outdoor Spurthi, the most awaited ‘Sports Event’ here at VESIT was inaugurated on 8th January 2019 . The ribbon was cut and the ball was kicked by Mr. Hiru Wadhwani Sir at the back-college ground which signified the opening of Spurthi 2019.

Spurthi literally meaning Agility, Vitality or Energy is the annual energetica of VESIT where each class fights for the title of “Spurthi Winner” in different sports like Cricket, Football, Volleyball , Kabaddi, HandBall, DodgeBall. The matches of boys and girls take place separately and hence each class sends 2 teams for every sport. If a class fails to show up for a match a “bye” is given to the opponent, i.e. The Opponent class/ team is automatically declared as the Winner of that particular match.



The Sports Council which pulled it off!

This was the first year where matches between teachers were seen. Teachers of different department competed against each other in indoor games of Chess, Table Tennis and Carrom. Richard sir of Computer department and Ms. Mukesh Yadav Madam from Computer Department as well, fought in the finals of Table tennis where Mukesh Ma’am won. (Sorry sir better luck next time :P). Carrom finals was between M.D. Patil Sir and Abhay Sir and Abhay Kshirsagar sir won the match. Chess tournament was won by Godse sir.The sports council is also planning for cricket matches between teachers but they are still at their drawing boards with this idea.

Coming to student spurthi, sports that got their winners are football, volleyball, throwball and dodgeball whereas ongoing events include cricket and kabad-



D11 won the Sphurthi Football event

-Aditya Shrivastav

di which are still in their budding stages. Here we present the list of front runners for different sports which were wrapped up :

Sports	Winning Team	Runner-up
Football	D11	D14
VolleyBall	D19	D7
Throwball	D9	D17C
DodgeBall	D19	MCA 2A

VESITConnect congratulates all the Winners of all the matches till date and wishes good luck for upcoming matches to all. According to us winning or losing doesn’t matter all that matters is the participation,the sporting spirit, the teamwork and of course the fun of the game :P



The Girls Dodgeball winner team, D19