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NEWSLETTER
ISSUE 24: SEPTEMBER 2017

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Electronics Department participates in Mars Orbiter Mission Science Meet

On the occasion of three years completion of MOM in Martian orbit on September 24, 2017, Space Science Programme Office, ISRO Hqs. conducted a 'MOM Science Meet' on September 25, 2017.

A team of three faculties Abhijit Shete, Parmeshwar Birajadar & Yogesh Pandit from Electronics Engineering Department, VESIT, have successfully presented their findings during this science meet. In this event, twenty nine MOM-AO research teams within the country have also presented their science outcomes. The team would like to convey their heartfelt thanks to VES Management, Principal Dr. J. M. Nair, Vice Principal Dr. Vijayalakshmi M., Prof. Kavita Tewari, HOD-ETRX and department colleagues for their constant support and encouragement during the project work.



Professors Abhijit Shete, Parmeshwar Birajadar & Yogesh Pandit

Instrumentation Department Visit to Rashtriya Chemicals & Fertilizers Ltd.

-by Yash Bhanushali & Nidhi Mishra

Final year students from the Department of Instrumentation, under the guidance of Prof. Prasad Godse recently visited the Ammonia Plant at Rashtriya Chemicals & Fertilizers Ltd, Chembur; Mumbai on 9th September 2017. This visit was organized by Department of Instrumentation Engineering for the subject of PROCESS AUTOMATION.

As the Instrumentation students are currently learning Process Automation Techniques, they underwent an Overview Lecture on Distributed Control system by Shri. H. K. Kadam, Training Manager, RCF Ltd. Prior to factory visit at VESIT.

During their visit, the students were divided into two batches and taken to Ammonia manufacturing Plant Control Room, where they were exposed to Experian Distributed Control system Hardware and Consoles. Mr. Atul Desai, in charge Head of Ammonia plant at RCF Ltd Explained in detailed the Entire DCS Hardware and software. "It was wonderful experience for our students to understand and learn DCS in the Plant" said subject teacher, Prof. Prasad Godse.

ISA VESIT Team, Placement coordinators and subject teachers along with Lab Assistant took efforts in arranging the visit.



Prof. Prasad Godse Sir along with students

Special Lecture on “Know your Employer & Campus Recruitment Process”

-by Yash Bhanushali & Nidhi Mishra

Special Lecture on “Know your Employer & Campus Recruitment Process” was organized on 22nd September 2017 by Prof. Prasad K Godse, Training and Placement in-charge, Department of Instrumentation Engineering.

Students were initially introduced about Types of Employers who recruit Instrumentation Graduates. The Job/working profile of each type of Employer was discussed in detail by holding an interactive session with students. List of various types of Employers (Government and private sector) was also presented to the students to give them an idea about Instrumentation Engineers Requirement in the industrial sector.

Role of Instrumentation Engineer was then discussed in detail to ensure that students have a clear understanding of their future profile. Students strove to understand the various job profiles for Instrumentation Engineers. Instrumentation Campus Recruitment process was then explained to the students.

Students actively participated in the event and were extremely grateful to Prof. Godse for his special concern for the students, where he also tried to give an industrial exposure, thus preparing students for upcoming challenges.

Finding this lecture very useful, the students have requested for many more such lectures to be conducted in near future. “It was extremely useful session which will definitely help Final year Instrumentation students to start preparing for their campus Recruitment. We heartily thank Godse sir for conducting such significant lectures” said Saloni Shah (D18).

VESIT Admissions 2017-18

-by Neha Menon

VESIT has always prided itself in integrating technology to perform administrative tasks. Every year VESIT attracts a huge crowd of students seeking admission to this institute. The process for FE admission was automated a few years back by Gaurav Vaswani, Priyanka Punjabi and Ajay Chotrani from Department of the Computer Engineering under the guidance of the faculty. Every task, from filling of application form by the students to granting of admission by the staff has been done through web portal. This reduced the number of redundant tasks to be performed by the administrative staff. This year, the admission team went one step ahead and introduced online payment of fees for FE, DSE, ME and MCA. The admission in-charges along with new development team had multiple talks with the representatives of ICICI bank for the integration of payment gateway. This was a boon for the students who wanted to take admissions as they did not have to go to the bank to procure a Demand Draft. Also conforming to our Principal, Dr J. M. Nair’s ‘Go Green’ policy, the college brochure was completely online.

This year the MCA admissions were also done online, along with the payment gateway integration. The web portal for MCA was developed by third year MCA students, Venkatesh Vaasudhevan, Dhanashri Phatak and Neha Menon and who also did the online payment integration for FE, DSE, ME and MCA. There were other student volunteers too, from MCA and Dept. of Computer Engineering, who helped throughout the process. The online process was lauded as student friendly by all .

All’s well that ends well

Udaan ’17

-by Akshara Sarfare

The new entrants of VESIT were welcomed with a lot of enthusiasm and a warm Fresher’s party organised by the cultural council. The event Udaan’17 - redefining creativity,” was held on 8th September, 2017. The theme for the day was ‘Bollywood’.

The amphitheatre was decorated with various banners and posters made by the aesthetics team the day before the event. Each class was given a colour code and it was exciting to see the whole batch of students dressed in one colour. Every class participated in making a collage and posters and the best class was awarded at the end of the event. There were a lot of fun events such as mimicry, Dance, Mr and Miss. Fresher awards. And a few fun games such as one-minute game, Question and Answer round and Talent show were organized.

The event began by 8.30 am in the morning with Treasure hunt. This was followed by the interclass competition of dance and mimicry among the Fresher’s. The college dance crew gave an outstanding performance and set a new level for the next batches. The Mr Fresher 2017 Award was won by Gaurav Shukla (D4A) and Miss Fresher 2017 Award was won by C V Ananya (D4A). The best class award went to D4A.

The MCA Fresher’s party was on the next day 9th September 2017. The theme for the event was Social Maniac. There were two dance performance; from 1st year and 2 from 2nd year each. Music Events like Solo Singing, Duet Singing and group singing were also held. A special dance performance by 2nd year students, who were the winners of Utsav’16, was received with rousing applause by the audience. Mr. Fresher 2017 was awarded to Vaishak Nambiar and Miss fresher 2017 was awarded to Roma Motwani.



Mister and Miss Fresher 2017

In the end, the cultural council was called upon the stage where they introduced themselves amidst thunderous applause from the audience. It was because of their combined hard work and effort that the event proved to be such a success. Udaan’17 provided a platform for the FE’s to unveil their talents and was indeed a great start at VESIT.

Praxis '17

-by Anisha Kaul, Rohit Doraiswamy, Harish Muthalagan and Padmaja Borwankar

Praxis is one of the best technical fests that happen at VESIT. Every student in VESIT marked their calendars for 22nd and 23rd of September eagerly waiting and enthusiastic about this year's Praxis. One special thing about this year's Praxis was that, unlike previous years where we had Accenture sponsoring this event, this year, it was totally managed by the college committee and the students themselves.

One of the great things about praxis is the vast amount of events and workshops that are held. This year there were around 35 events and workshops in total which is really appreciable. Few of the many interesting events were

1. Tech Quiz

This is a Technical Quiz based on following Topics:

Technical subjects, Present trends in technology, Current affairs, Discoveries, Scientists and scientific Innovations, Sports, General Issues.

2. Project Expo!

This was an event which allowed students to showcase their project which they had developed from the scratch. They were allowed to display their Technical skills in this and get a feedback from the audience.

3. Robosoccer

Two bots battle it out to score the maximum goals within a time limit. The field is perched on top of a see-saw. In the qualifying rounds the participants must score as many points to qualify to the next round.

Few of the many workshops that Praxis conducted were

1. Design Thinking

The workshop was presented by Indian School of Design and Thinking (ISDI) on career paths within Design and Innovation, Media, and Communication, Management and Entrepreneurship.

2. Robotics Process Automation

This workshop intended to cover: RPA Introduction, RPA Tool "WinAutomation" Overview, Hands-on using Win-Automation.

Praxis' 17 had the proper balance of fun, technical and educational events reflected the artistic and tech-based skills among the peers. The meticulous planning by the entire Praxis Committee surely paid off. Surely Praxis' 17 has redefined standards for an event of this magnitude to be conducted in the years to come.



Praxis Banner at the amphitheatre



Launch of Praxis Magazine



Robosoccer

Tech geeks flex intellectual muscle

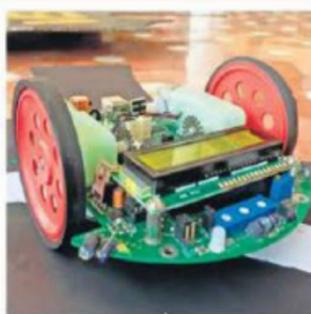
Students of technology institute showcase their technical talent at Praxis 2017

By Parth Khatau

Technical wizardry was at its innovative best as students of Vivekanand Education Society's Institute of Technology (VESIT) displayed a unique blend of imagination and engineering artistry at Praxis 2017, a techfest organized by the institute on September 22 and 23. Since its inception 15 years ago, the festival has been receiving an overwhelming response from students.

This year has seen the unveiling of innovative gadgets and gizmos, conceived and designed by students, applying theory into practicals. Ankit Panvaikar and his team designed a self-steering car which is guided by a GPS tracking system. The vehicle has also been equipped with an IR system for obstacle detection and works on a virtual interface

"Accident prevention and lowering of fatality rates remains the underlying objective of road safety measures. We have designed this vehicle to dwell on the im-



portance of safety technology solutions and underscore the need to devise indigenous technologies for enhancing road safety standards," stated Panvaikar who is a third year student of Electronics at VESIT.

The two-day technical event was a showcase of various innovations across Robotics, Mechanics, Technical, Electronics and other events beside the in-

clusion of several fun events.

"VESIT has always been at the forefront of providing a podium for students to display their technical skills. Praxis has been conceived by Vesit Renaissance Cell as an event to bring out the innovator in the students and helps build a credible technical base for budding scientists and engineers," stated Dr (Mrs) J.M.Nair, Principal, VESIT.

Another highlight of the festival was the unveiling of a vehicle with Viper Sensor technology developed by Onkar Kajorikar, second year Electronics student, VESIT.

"The building of an innovative scientific culture is the need of the moment and events like Praxis help in inculcating the right scientific discipline in students. Rather than rote learning in class rooms, techfests like these help students in fostering their analytical skills and practical expertise through a project-based approach," stated Shri Mahesh Tejwani, President, Vivekanand Education Society.

WHIPLASH: The VESIT Intra-Collegiate Debate Competition

- by Anisha Kaul

The VESLit Circle of Vivekananda Education Society's Institute of Technology, Chembur, in association with The Times of India conducted an Intra-Collegiate Debate competition, WHIPLASH, on the 12 September 2017. Five teams battled it out, to be crowned as the best debaters in the college and also clinch the coveted top spot of the Best Speaker.

The preparations for this main event though, began all the way back in the month of July. After a total of about 42 rounds of eliminations, a team of two students were selected from each year. The council headed by Yash Bhanushali, worked for long hours to ensure impartial selections all through.

The final round was conducted in the college auditorium. It began at 1:30 p.m. and went on till 4:30 p.m. The judges for the competition were from The Times of India; Mr. Manoj Dwivedi, Associate General Manager and Mr. Rakesh Pandey, Senior Manager.



Winners of WHIPLASH



The Times of India : Student Edition, 18.09.2017, Pg No. 4

The event began with the First-year students being pitched against the Second-year students. The first years gave a tough fight before being routed out of the show. The final showdown was between the Final-year students, Clive Aaron D'Souza and Shashank Agnihotri and the Second-years, Rakshit Ganvir and Harish Muthalagan on the topic – Organ sale should be legalized. Speaking for the topic, Harish and Rakshit proposed that a rate card according to the requirement of the person be created, so that everyone could easily avail these organs when required. Clive and Shashank vehemently opposed the stance, stating it was “a la carte menu” and that legalization had been tried in our country in the 90's, when it failed miserably. After a stormy rebuttal round that involved judges' questions as well, the Second-years, took home the winners certificates. Shashank Agnihotri, from the final-year was judged the Best Speaker of the event. A special mention was given by the judges, to the First years for their spirited fight against the Second year students. They lost out by a very small margin and left a lasting impression on everyone.

All the participants were felicitated by the judges with certificates from The Times of India. Said Harish Muthalagan, one of the winners, “I cannot believe that we finally won! Last year we lost in the final round against the same batch. Now that we have finally won, it feels like sweet revenge! On a more serious note though, our opponents were really strong and coming out as the winning team against such a strong side feels extra special.” The judges gave wonderful advice and inputs to the students during their feedback. “Debates enhance personality and are a wonderful way to resolve conflicts. We need to encourage more people to participate in such events”, said Mr. Manoj Dwivedi. The program came to a close with Nidhi Mishra and Anisha Kaul the hosts of the show delivering the Vote of thanks.

The event was a resounding success and a stepping stone towards a stronger association between the VESLit Circle and The Times of India, who has promised to support many more such student events in future. This definitely is sweet music to students who look forward to such spectacular extra-curricular activities.

“Public Speaking is the art of diluting a two-minute idea with a two-hour vocabulary”

- John F. Kennedy

VESIT Professor Awarded Ph.D. Degree

-by Akshara Sarfare

Hearliest Congratulations to Dr. Asawari Dudwadkar, from the Department of Electronics, VESIT on achieving her Ph. D. degree in Electronics and Telecommunication. Her thesis entitled “RECONFIGURABLE INDUCTION HEATING”, is focused on Induction heating (a process of heating an electrically conducting object) and Reconfigurable induction heating - done by designing a digital control to adapt to a number of loads.

Induction heating applications have become immensely popular in today’s world due to its contactless, energy efficient, no smoke and environmentally clean heat treating methods. Typical Heavy Industrial Applications like Induction welding, annealing melting (metals) require operating on high power and high frequencies of the order of 100Kwatt / 100Khz.

The objective of this thesis was to develop a model for Induction Heating system which can be used for a range of load combinations at high power and frequencies of the order of 100Kwatt /100Khz where the software (code) and model parameters are altered to adapt to the changes in load without changing the hardware involved.”

Dr. Asawari completed her PhD in August 2017 from J.J.T University, Jhunjhunu, Rajasthan. She has to date published 29 papers which includes five in National Conferences, five at International Conferences and 19 in International Journals.

We wish her all the best in her future endeavours.



Dr. Asawari Dudwadkar

VESIT Voice

-by Padmaja Kollé

The month of September welcomed the new batch of VESITians with the freshers party for 2017, ‘Udaan’. Another major event that took place was Praxis 2017. With addition of many new competitions, it proved to be a big hit. Ganpati Celebrations were on a full swing with the Ganesh Aarti organised by the cultural council in the library. Not only this, but the month of September greeted us with Teacher’s Day. On this occasion, Prof. Sharmila Sengupta from Computer Department, Dr. Rajani Mangala from Electronics and Telecommunications Department, Dr. Shalu Chopra from Information Technology Department and Prof. Kavita Tewari from Electronics Department were felicitated for 20 years of service in this institution.

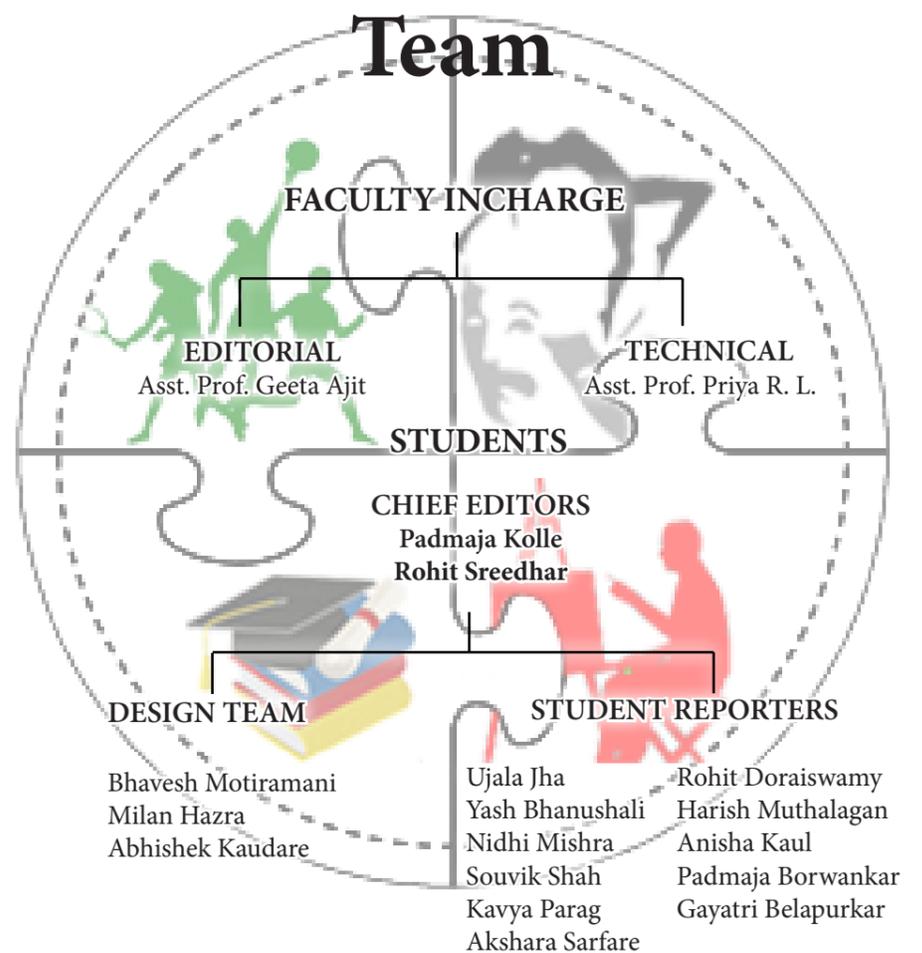
The faculty of Electronics Department achieved a great feat by participating in the Mars Orbiter Mission (MOM) Science Meet. The Instrumentation Department conducted a visit to Rashtriya Chemical Fertilizers Factory. Another event called ‘Know your employer’ was conducted by Prasad Godse Sir in the Instrumentation Department for students to prepare them for placements. Dr. Asawari Dudwadkar from the Department of Electronics was honored with the PhD degree.

Coming to councils, Intra- collegiate debate was conducted by the VESLit Circle in association with The Times of India, this month. The SoRT Council organized the annual SoRT Week called ‘Umeed’ from 11th to 18th September. Sports Council commenced ‘Spurthi’ with its series of indoor games.

Placements are on the go with two mass recruiters, ‘Accenture’ and ‘CapGemini’. We also have the interview of Mr. Punit Kulal from the IT Department who got recruited at Media.Net. This month, VESIT Diaries brings to you the interview of Mrs. Apoorva Vakil, belonging to the batch of 2010 EXTC department, currently working as a Semiconductor Engineer at Globalfoundries US Inc

We surely hope you take back alot from this issue.

The ‘VESIT CONNECT’



Ganpati Celebrations

- by Padmaja Borwankar

Lord Ganpati's festival- Ganesh Chaturthi, is the most cherished festival in the cosmopolitan city of Mumbai. The kind of zeal it gets is really incredible. Our college, VESIT, too never turns a blind eye when it comes to such joyous occasions.

This year, our cultural council went a step ahead and organized a Ganesh aarti in the college library on the 4th of September, 2017. The cultural council took a lot of efforts to make this occasion possible. They made handwritten invitations which were given personally to the Principal, the department HOD's, as well as the other student council. Each student in the college received an invitation via email. The cultural council decorated the background for the Ganpati idol with colorful festoons. An artistic rangoli was made near the entrance of the library. On the auspicious day, at 11 a.m., our Principal along with few teachers, and the student council president, the general secretary, and the cultural council members performed the aarti. After the aarti, a prasad of sev boondi was distributed to everyone present. The librarians played a significant role in arranging the prasad and making sure everything functioned smoothly. After the aarti, students came as and when they could to seek blessings from Lord Ganesh. A tika was applied on every visiting student's forehead and prasad was given after seeking blessings. The teachers too, came in large numbers to visit the library. Due to cooperation and help from the teaching and service staff, this event became a huge success!



Ganpati Idol at the Library

Our college has a huge hostel for out of station students. These students usually get homesick during the festivals. Hence, each year, the hostel organizes ganpati celebrations especially for the hostelites for one and half days. This year was quite special because the hostel was celebrating its 10 years of grand success. The hostelites themselves took the responsibility of decorating the boy's common room, where the ganpati idol was to be seated. The enthusiasm with which they worked together in teams depicted how staying away from home really improves one's personality and overall development. They worked till 1 a.m. on the previous day and created a beautiful ambience for Lord Ganesh to be in.

The next day, everyone freshened up, slipped into traditional attire and welcomed Lord Ganesh with open hands. The aarti was performed by a priest, and delicious prasad was distributed. That night, there was a grand celebration and various dance performances were witnessed. A DJ was organized too. The next day, after the aarti, drums were played and everyone danced with full energy before the idol was immersed into water. Although time just flew past, the hostelites enjoyed the festival thoroughly. In fact, one of the students exclaimed "Ganpati celebrations is one of the reasons I feel I should never leave the hostel".

Be it our college or hostel, the celebration of Ganesh Chaturthi always gets an overwhelming response. Students cannot wait for another year for Lord Ganesh to arrive. Hence on behalf of all, I would like to say 'Ganpati bappa morya! Pudhchya varshi lavkar ya!' (Long live Lord Ganesh! Please come sooner next year!)



Ganpati Aarti at the library



Vice Principal worshipping the idol



10th Ganpati Celebrations at hostel



Ganpati Idol at the hostel

Teacher's Day celebrated at VESIT

-by Ujala Jha

Teachers are individuals who shape the lives of students and influence them. Lessons learned from teachers remain with students throughout life as they imbibe into them the best of qualities. They are the cornerstone of our future. In India, 5th September is celebrated as Teacher's Day as a mark of tribute to the contribution made by teachers to the society. 5th September is the birthday of a great teacher Dr. Sarvapalli Radhakrishnan, who was a staunch believer in education and was a well-known diplomat, scholar, President of India and above all a Teacher.

VESIT celebrated Teacher's Day on 4th September 2017, where a program organized with great fervor for all the staff members, by the Student Council members of VESIT. The highlight of the event was appreciating and honoring those teachers who had completed more than 20 years of service in this institute. This year, four professors; Dr. Rajani Mangala from ETRX, Dr. Shalu Chopra from INFT, Prof. Kavita Tewari from ETRX and Prof. Sharmila Sengupta from CMPN were honored for completing their 20 years of teaching at VESIT. They were presented with Lifetime Achievement Awards by our Principal, Dr. J.M Nair, followed by a small presentation with slide-show of each teacher, focusing on their careers and their sincere contributions to the college.

The event was also followed by lunch for teachers. They had a gala time. Teachers are an integral part of our lives and whatever we are today is all because of them. Their staunch efforts in growing individuals to legends are indeed cause of the presence of numerous great individuals all around us. VESITConnect pays tribute to such relentless effort and dedication of all the teachers of VESIT.



Principal felicitating Dr. Rajani Mangala



Vice Principal felicitating Prof. Sharmila Sengupta



Principal and Vice Principal along with teachers



Vice Principal felicitating Prof. Kavita Tewari



Dr. Shalu Chopra and Prof. Kavita Tewari at the event



Dr. Shalu Chopra addressing the audience



Prof. Sharmila Sengupta

It has been quoted that, "One good teacher in a lifetime may sometimes change a delinquent into a solid citizen". This year marks yet another milestone for VESIT as Prof. Sharmila Sengupta from the department of Computer Engi-

neering completes twenty years of service here.

Prof Sharmila obtained her BE (EXTC) in 1994 from Shivaji University in Kolhapur, ME (EXTC) from the University of Mumbai (VESIT) in Electronics and Telecommunication. She is currently pursuing her Ph.D. from University of Mumbai.

Prof. Sharmila Sengupta has been one of the binding pillars of VESIT who has helped it to grow as one of the top ranking colleges in India. On Teacher's Day, she was felicitated for her devoted efforts through all these years towards building the college to a position it stands today. Walking down the memory lane at VESIT, Prof. Sharmila Sengupta states:

"It is a journey full of learning, unlearning; growing with students; academically improving with assistance of seniors; making new friends; creating new endeavors for myself; encouraging the students and get motivated in the process. The journey from old venue to new premises was an overhaul of structuring myself and accommodate in everything that was new- a fresh beginning. It doesn't seem like twenty years because in spite of several changes, the love and respect of students and their constant quests for something different had kept me moving. I wish all VESITians good health, success and happiness."

Dr. (Mrs.) Shalu Chopra



VESIT has come a long way since its establishment in 1984. This year marks special to us as Dr. Mrs. Shalu Chopra (HOD-Information Technology) achieved her milestone of completing 20 years at VESIT.

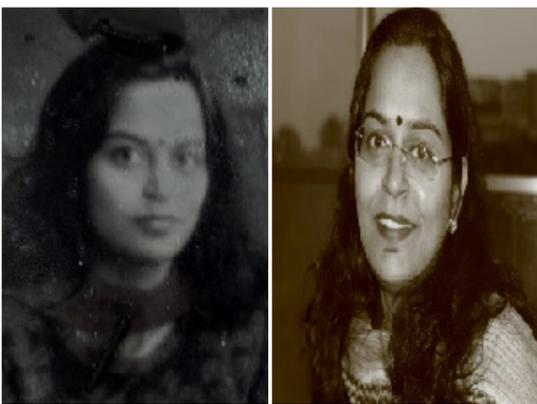
Dr. Shalu Chopra obtained her BTech in 1995 from the Harcourt Butler Technical University (HBTU), ME from the University of Mumbai and her Ph.D. from IMT Ghaziabad.

When asked about the journey at VESIT, Dr. Shalu Chopra narrates:

"I feel proud and blessed in completing 20 years of an important part of my life. I joined here as B Tech student and went on to complete my post-graduation and Ph.D. all the while as a teacher here. It's been quiet learning and enriching experience, in the beginning, playing the role of a student and later as a teacher.

VESIT has changed a lot over the past 20 years from a small institute having four branches of engineering to multiple divisions and shifts to postgraduate and Ph.D. center, moving from small old building to the new state of art lab setups to the big classrooms and a sprawling campus. With time, students have also changed a lot, with the invention of modern technologies and teaching methods using ICTs, I feel their attention span has reduced and sometimes we need to play the role of a guide or mentor rather than being a lecturer.

I greatly admire and enjoy the company of my senior staff members and colleagues. I want to take this opportunity to thanks my senior staff members, department people, colleagues and VES Management and our Principal."



Dr. (Mrs) Rajani Mangala

Einstein once said, "It is a supreme art of teacher to awaken joy in creative expression and knowledge". This year marks yet another milestone for VESIT as Dr. Mrs. Rajani Mangala from Department of Electronics Engineering, who had completed twenty years of

service in this institution.

Dr. Rajani Mangala obtained her BE in 1994 from the University of Mumbai (MGM College of Engineering and Technology), ME from (VESIT) University of Mumbai and her Ph.D. from NMIMS University. When asked about the journey at VESIT, Dr. Rajani Mangala shared:

"When I joined VESIT, I was given the responsibility of teaching BEE to the four first-year batches - ETRX, EXTC, INST and CMPN (IT branch started later). I remember spending most of my time in the library preparing for my lectures, solving problems, practicing and improving on my lecture delivery methods, trying to improve my connection with the students.

VESIT has grown manifold in the last 20 years. "The only thing constant is change, so you have to learn to embrace it" - be it shifting to the new campus, adapting to the changing technology, having the post-graduation courses and PhD center, accommodating the increasing number of students, improving the staff strength, excellent facilities (including the latest BEST bus service), ensuring the quality of teaching standards (accreditation) and VESIT has done it with great élan.

The staff of VESIT are professional, warm and friendly. Even though we are all in different departments, we have a great sense of camaraderie whenever we meet.. I would just want to convey that "Do what you love and love what you do"- it is applicable to me as well. I love to teach and I feel proud and happy to belong to the family of VESIT. I cherish every moment I have spent here. Learning is a continuous process and is never over"

Prof. Kavita Tewari



This year marks a special testament to it, as Prof. Kavita Tewari from department of Electronics Engineering completed her 20 years at VESIT. She obtained her BTech in 1987 and MTech in 1992 from HBTI, Kanpur. She is currently pursuing her Ph.D. from The University of Mumbai.

When asked about the journey at VESIT, while walking down her memory lane, Prof. Kavita Tewari relates -

"It is my privilege to share my experience of last 20 years with all. I vividly remember the day when I walked into the campus for the first time as if it happened yesterday. After giving demo lecture followed by a formal interview conducted by Late Principal Shri Bugtani sir, I got my first assignment to teach Final Year B.E Computer Engineering in the year 1997.

During my teaching span of 20 years, I have taught subjects from various widespread fields. But, besides teaching, I also got an opportunity to learn. Saxena madam taught me to be punctual and Haridasan sir encouraged me continuously, to evolve as faculty and analyze the situation from student perspective also. In the journey of last 20 years, I have seen many ups and downs: I met with an accident during the floods of July 26, 2005. I got all support from our Principal, Nair madam and my friends. I would like to express my gratitude to all of them. I am grateful to Naveeta Kant madam, Rajani Mangala madam, Abhay Khirsagar sir, and other faculty members of the department for their full support and cooperation to improve the academic performances of students and help them become all-rounders.

I am very thankful to Principal Madam, vice-principal madam and Shobha Krishnan madam for giving their valuable inputs during the accreditation process. I am also indebted to my teachers Nair madam, Vaidya sir and Kulkarni sir for successful completion of my Ph.D. coursework. In these last 20 years, I have got the opportunity not only to teach but also to learn and grow as a person. Thank you"

I completed 20 years in this institution

*Somewhere between giving my first interview here in July 1997 then
to September 2017 today,
I completed 20 years in this Institution*

*Somewhere between joining as a lecturer with B.E. (Electronics & Telecommunication) then
to a PhD and a Professor's post today,
I completed 20 years in this Institution*

*Somewhere between preparing for the lectures in the library of the old building and sitting in a common staff room then
to today's sprawling campus and cubicle for myself,
I completed 20 years in this Institution*

*Somewhere between running in the mornings to reach the college at 8:00 am then
to reaching smoothly at 10:20 am today,
I completed 20 years in this Institution*

*Somewhere between teaching the students then
to mentoring them today,
I completed 20 years in this Institution*

*Somewhere between belonging to Electronics and Telecommunication department then
to belonging to Electronics department today,
I completed 20 years in this Institution*

*Somewhere between discussing our day to day problems then
to discussing the accreditation and autonomy issues today,
I completed 20 years in this Institution*

*Somewhere between appreciating the syllabus set by someone at the university level then
to setting the syllabus at the university level today,
I completed 20 years in this Institution*

*Somewhere between learning to teach various subjects then
to teaching to learn new subjects today,
I completed 20 years in this Institution*

*Somewhere between being the master of ceremony for most of the functions then
to getting felicitated today for completing 20 years in this Institution,
Yes, I completed 20 years in this Institution.*

-by Dr. T. Rajani Mangala

COUNCILS

Umeed'17

-by Anisha Kaul

"We can't help everyone, but everyone can help someone"

Ronald Reagan

This quote by Ronald Reagan, rings true even now, as the SoRT Council of our college embodied this spirit with their most coveted event – Umeed, or the SoRT week - as it is more popularly known. Spanning from the 11th to 18th of September, the Council collaborated with NGO's all around the city to bring their handmade products to the college.

The NGO's included NASEOH, RUR, Balanand, etc. Their products were sold on desks set up on the ground, second and fifth floors from 10 a.m. to 5 p.m. every day. The products, made by the children, hailing from economically challenged background, included pen stands, bags, coasters, diyas, scented candles and a newly inducted section for jhumkas as well (which was a huge hit with students and teachers alike!). But the best seller, as has been the tradition all these years, was the edible section, which included different types of chocolates and brownies. In fact, such was the love for the brownies that people would gather around the desks every day at around 12:30, when the new batch of brownies would arrive! And they would vanish within of minutes - for every six days of the SoRT week!



The SoRT team

The whole event was a whopping success with the council being able to sell most of the products. The council, backed by Sort Incharges from the Second and Third year and even from ex-council members, managed to collect a huge sum of money for these NGOs. And 100% of this goes back to the NGOs, nothing remains with the council. We strongly appreciate the efforts of SoRT Council in making this world a slightly better place to live!

Indoor Spurthi

-by Souvik Saha

The month of September was a busy month with various events held in college. The most eagerly awaited event was the Indoor Sphurthi, which is the indoor sports event.

The events began on September 12 and as the month progressed, many events reached their advanced stages of competition. The events are all played out in the Boys' Common Room on the ground floor and draws a huge crowd to witness and support their favourite players.

Badminton was introduced as an event for the first time this year. The other popular events were Badminton, Chess, Table Tennis, Carrom and Darts.

Badminton has progressed to the pre-quarterfinal stage while Table Tennis, Darts and Chess have reached the Final round. Carrom has also progressed to the Semi final round.

After the Unit Test break, it is expected that the audience will once again come out and support their favourite players once again and help them be crowned the winner!



Preparation for Badminton Court



The game of Table Tennis

PLACEMENTS

Accenturing Dreams

- by Rohit Sreedhar

A two day placement schedule was organized by Accenture PCL on the 31st August and 1st September respectively. It was categorized into two sections namely, the Aptitude Test and the Personal Interviews. The torrential rains in Mumbai on the 30th of August 2017 did cause Accenture to postpone their schedule by a day but not deter the vim they eventually brought along. Many students from Final Year engineering, invested their energies and hopes on acing the test, which primarily consisted of Quantitative, Verbal and Logical reasoning questions. Most of the aspirants managed to make it to the personal interviews, getting through the test. The personal interviews were hailed over by seven experienced panels from Accenture who were present to judge and scrutinize each of the 416 selected student's abilities. This round involved questions regarding the profile of the students, their technical abilities and a few more Human Resources related questions. VESIT was in for a total surprise when the mass recruiter raked in more placements taking the count to a whole new 325 whilst catapulting the dreams of many.

Media.Net Placement Process 2017

- by Punit Kulal

Here are few excerpts from my experience with media.net. Happy reading ahead.

Media.net : It is a subsidiary of Directi, and is known to offer one of the best work environments and individuals to work with. They are also known for their extremely difficult interview process.

The placement process for me started with Morgan Stanley announcing to conduct the aptitude test for the top 130 as opposed to top 50. The experience of failing to solve even a single problem in the stipulated time and also being able to solve both of them, later that day gave me the belief that I have the skills, just need to practice on my speed. I wasn't eligible for some companies and failed to clear aptitude round of some until Media.net arrived. My preparation started from solving the questions they asked in other colleges with a timer, to ensure that I am ready to perform under pressure.

The placement process:

The first round consisted of a coding competition which was held simultaneously across 6-7 colleges in Mumbai. I was able to solve the first problem fairly quickly. However, my submission wasn't successful. I was motivated and confident enough that I am capable of solving the problem especially when I found out there was a successful submission from our college. I tried different approaches and was finally able to solve the problem. The belief of being capable to solve it was of utmost important. 4 students from VESIT qualified for next round.

Interview rounds at Directiplex:

The profile I was going to be interviewed for was Associate Web Developer. Honestly, I never found Web development intriguing, since I found it to be fairly simple and not challenging enough. Since, this was my first interview with high stakes I was not going to leave anything to chance. I was so nervous for this interviews, that I had lost my sleep as well as appetite. I studied for 14 hours straight for 3 whole days. I felt like I was possessed by the desperation to succeed. 11 students from different colleges were present for the interview round with us. We were told there will be three interview rounds until the final selection, with elimination carried on in each round.

The first two interview rounds were fairly simple with a question being asked and you chalking up an algorithm.

At the end of the second interview, I got to know that the work here is fairly complex and not just managing users, webpages and databases. It got me interested along with the work environment which promotes the free flow of ideas.

My third interview round was postponed to the next day due to a delay in schedule. I went home and studied. Again, I just couldn't sleep. I wasn't feeling weak either. The third interview round was fairly difficult and I felt that I lost my opportunity after I gave a few incorrect answers. However, I later realized I only gave incorrect answers in a section of the interview and the rest of the interview went quite well.

Long term preparation:

I don't refer reference books, but I am driven by curiosity. I tend to search anything that I do not understand and also did additional courses online in my area of interest. Your friend circle also impact the kind of programmer you will become. I become restless if I do not understand a concept or a problem and keep everything aside.

Offer :

I was intimated later that day that not only was I placed, I was offered differential package as well. I was extremely happy that I could now take care of my family with my Dad retiring next year.

Bonus :

A total of 20-25 students had qualified for the next round from all the participating colleges. However, only 2 students, both from VESIT got an offer. It was also a sweet memory for us as this was for the first time students from VESIT got placed at media.net. I was also placed at Accenture and was also selected for the differential package interview round for TCS through CodeVita. So gotta 3/3 record in interviews with 2 differential offer.

To sum up, I would conclude by saying that companies aren't looking for the best fit for the job when you are a fresher. Even if you don't have a profile for it, let them know you are extremely interested and show your ability to learn new things. Have the desperation to succeed and follow your interests. Lastly, All the best to all the candidates who are going to sit for interviews in upcoming years, good luck to everyone, I hope you all succeed in your endeavours and lead a happy life.

VESIT Diaries



Mrs. Apoorva Vakil

Mrs. Apoorva Vakil, a VESIT alumna belonging to the batch of 2010 EXTC department is currently working as a Semiconductor Engineer at Globalfoundries US Inc. Her dedicated and consistent efforts in the field of nanotechnology to make chip designs more and more efficient and compact is a source of inspiration to many individuals who are interested in STEM beyond the world of information technology. Besides being an engineer, she is a compassionate animal lover, a sports enthusiast and much more. Driven by her wanderlust, she has also traveled all around the world. She is an ideal example for VESITians for helping them maintain a well-balanced life. Below we share some excerpts of her thoughts revolving around education, engineering, workplace, life and much more.

1. Tell us something about your college life at VESIT.

Life at VESIT (EXTC 2006-2010) has been an unforgettable experience. the time spent in classes and labs, the teachers, the canteen, friends, and meeting my future spouse Dhairya for the first time right there on campus! Traveling in the Thane local train every morning, and using the lame but successful excuse 'trains are late' on being late for the 1st lecture! I was extensively involved in the Sphurti sports (Table Tennis and Cricket) and played at some inter-university TT tournaments as a part of the VESIT team. The Cultural Festival Utsav was memorable, especially the day we won the coveted group dance trophy in our final year! I still think about the dreaded Semester exam time and the excitement at the tiny notice board in the quadrangle during results.

2. Share a glimpse of your personal life.

After VESIT, I pursued my MS in Pennsylvania and since 2012 I work as a Semiconductor engineer in Clifton Park, New York. I got married to my best friend and college mate Dhairya in Mumbai two years ago, with our huge VESIT gang in full attendance for the big day. I love sports and rock music. I have always been an animal lover right from the time I brought home stray puppies as a kid to now being an animal shelter volunteer. My husband and I have been avid movie lovers since our VESIT days. I even got into my friend's YouTube channel for a while (sometimes behind the camera and sometimes facing it!) I love to travel to interesting destinations (last year we were lucky enough to catch mesmerizing Northern Lights in Iceland!). I have always believed in having a balanced life and try to find time for work, family, hobbies, friends and travel. We only have one life to do it all!

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

I myself was not too great at interpersonal skills when I started as a student at VESIT, always being more focused at the exam scores, rather than developing skills like communication, presentation and vocabulary (I was terrified of presentations throughout my 1st year!) Interpersonal skills are absolutely essential as I realized when I started working as a professional. I work in a cutting-edge semiconductor manufacturing company and what plays a huge role here is the ability to express myself effectively, present my work, negotiate with my peers/superiors, and most importantly to really know myself, my strengths and limitations. The earlier you focus on becoming self-aware, the easier it becomes to develop interpersonal skills.

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

You can never anticipate all the variables that eventually go into making a successful career. I did not know I was going to pursue my Master's abroad until halfway into my time at VESIT, whereas my husband has wanted to be an entrepreneur ever since he can remember! If you are lucky enough to have absolute clarity, that's a great place to be! But if you are not, there is nothing wrong with that. A lot of us do not know ourselves well enough at the start of college life, and it is good to take some time to figure things out with an open mind.

5. You pursued your masters over the corporate job after graduation. What made you take that decision?

I did not get into engineering with an immediate goal of getting a job. I was fascinated by Science and Engineering thanks to my father who is a PhD Microbiologist by qualification, but also an engineer at heart. I was drawn towards the semiconductor field during my last 2 years at VESIT and that made me want to pursue a Master's in Semiconductors, at a leading research University in the US.

6. Let's talk about your professional life.

After graduating with my MS at Penn State University, I took up the job of a Semiconductor Engineer at Globalfoundries US Inc. which is a semiconductor foundry. We make nano-scale circuits and chips at the cleanroom facility. My role is of a Chip Designer and Validator. As our electronic devices evolve, there are conflicting requirements for a chip designer depending on the application: to make the chips smaller (pack more chips per unit area), to reduce power dissipation, to make devices faster etc. My role is to evaluate these requirements and come up with test chip designs, and validate them to make sure the design is 'manufacturable' in the clean room and not just on paper. In the past 4 years I have worked on several chips which are used in the latest mobile phones, the PlayStation, graphics cards and computer servers.

7. Today, where the world is developing rapidly in the computer science department how important according to you is nanotechnology?

Nanotechnology is one of the fastest evolving fields today and it is hard to find a scenario where it is not prevalent. Our lives are increasingly dependent on our phones, laptops, computers every day. Nanotechnology is the basis of building all these devices and making them faster, smarter, smaller and more efficient as per our need. Right from smart phones and servers to spaceships and autonomous cars, everything depends on the advances in nanotechnology.

8. What are your views about STEM in the curriculum of universities abroad over India, on same lines what are few things which students should consider while preparing to pursue their Masters?

The curriculum abroad emphasized on understanding as opposed to memorizing concepts and theories. The best example I came across in the US was 'open book exams' which you can only ace if you really understand the problem at hand and know how to apply the relevant concepts. The start-of-the-art research facilities, labs and infrastructure abroad also make a huge difference especially in the STEM fields. If you plan to study abroad, try to refrain from memorizing and focus on conceptual understanding. Also try to build a profile for yourself, take up projects and activities outside of regular academic curriculum and try to identify your own personality.

9. Can you throw some light upon the activities students can do from the beginning which will help them mould their career in any field?

As I mentioned earlier, it is crucial to take some time to introspect and know what you really like and dislike. A common tendency during college years is to 'go with the flow' and not explore interests and passions which are not mainstream. Try to get out of your comfort zone as early as you can and do something which scares you. Unless you try a dozen different things (doesn't matter if you are good or bad at it), you cannot know what your aptitude is and what you enjoy.

10. Any message for the new generation at VESIT!?

Make the best of your college days! You will definitely miss these days later in life so make friends, try new things, study hard, try to find your calling, and remember that exam results are just a means to something much bigger in life!