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*Not just magnitude but also the direction!*

# VECTOR

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# VIT Hall of Fame

Padma Vibhushan Dr. Anil Kakodkar, Ex-Chairman, Atomic Energy Commission and Secretary to the Government of India was the Chief Guest at

VIT's Third International Conference on "Recent Advances and Challenges in Engineering and Management" (RACEM) 2016 organized on 22 December.

Eminent mathematician Dr. Eknath Ghate (Shanti Swarup Bhatnagar Prize Awardee for science and technology, 2013) was the keynote speaker at the Inaugural Ceremony of the ISTE approved Short Term

Training Programme on "Innovations and Applications of Engineering Mathematics" organized from 28 November to 02 December 2016 by Vidyalankar Institute of Technology's Department of Applied Mathematics.



Chief Guest Dr. Anil Kakodkar being felicitated by Mr. Vishwas Deshpande, Managing Trustee, Vidyalankar



Dr. Kakodkar releasing the RACEM 2016 Conference proceedings along with the General Chair Dr. Sangeeta Joshi, Professor and Technical Advisor, VIT



Dr. Eknath Ghate delivering keynote address

## TIMES ASCENT MEGA JOB FAIR

It has been rightly said: "Choose a job you love, and you will never have to work a day in your life."

Most job seekers and employers wait for the kind of opportunities where they can get a platform to interact with each other. A job fair allows employers to scan a large amount of talent which is required by them and allows job seekers to choose from across multiple opportunities.

The Department of Management Studies of Vidyalankar Institute of Technology has provided this platform by successfully hosting a Times Ascent Mega Job Fair on Saturday, 03 December 2016.

It started with the inauguration with the presence of Ms.



Soni Khushlani and Mr. Radhakrishnan Pillai. Ms. Soni Khushlani is the Deputy Chief Manager at Bennett, Coleman and Co. Ltd. (Times Group). Mr. Radhakrishnan Pillai, the Chief Guest for the event, inaugurated the Job fair and enlightened the audience by linking 'Chanakya neeti' to recent management education and job fields. He focused on three main points in the course of his keynote address: first, facing the corporate world, second, importance of the right attitude at work and

third, excelling in our field of work. He is the author of best-selling books such as:

- Corporate Chanakya
- Chanakya's 7 Secrets of Leader
- Chanakya in You
- Corporate Chanakya on Leadership
- Corporate Chanakya on Management

Ms. Reshma Bhansali, MMS Placement Manager and key organizer, gave a heartfelt vote of thanks to everyone for the plethora of opportunities explored in the Job Fair.



Vidyalankar students made India Proud at International Olympiad 2016...



Ameya Patwardhan, our IIT JEE 2017 batch student (third from right) bagged Gold Medal and Neel Karia, our IIT JEE 2017 batch student (extreme right) bagged Silver Medal at International Astronomy and Astrophysics Olympiad 2016, held at National Institute of Science Education & Research (NISER) Bhubaneswar.



# VSIT celebrates the beauty of Marathi culture and heritage through “Maay Marathi”

Vidyalankar School of Information Technology (VSIT) has always been a torch bearer of Marathi language, and it has always been the endeavor here to promote and preserve the Marathi Language. To take this objective ahead, various events are held during the entire year so as to promote the importance of preserving the Marathi culture and its linguistic excellence for the younger generation. VSIT has a special committee – “Marathi Vangmay Mandal” which always strives for the arrangement of various programs in Marathi. Marathi Bhasha Diwas is also celebrated grandly.

(VSIT) organized its annual intra-college festival “VERVE 2016” with the theme of “The Bygone Era”. The signature event of the second half of Verve was MAAY MARATHI which symbolizes and cherishes various aspects of Marathi art, music, and literature and celebrates the authentic culture of Maharashtra. The specialty of the program is that the different aspects of “Marathi Sanskriti” were depicted in this event. The uniqueness of “Maay Marathi” is that the entire theme-based program is for around two hours, and the entire execution is in Marathi, performed by Marathi speaking as well as non-Marathi speaking students. The program consisted of various performances by students showcasing various types of folk arts, dance and artistic forms of Maharashtra.

The people of Maharashtra celebrate a large number of fairs and festivals. Dancing, as a part of the celebration, is a feature that is common in almost all of them. Apart from that, there are a num-



ber of special occasions, such as weddings, where dance makes a part of the festivity. Maay Marathi showcased the following dance forms:

## Lavani

Lavani (originates from "Lavanya", meaning beauty) is a combination of traditional song and dance, which is particularly performed to the enchanting beats of 'Dholak', a drum like instrument. This dance is performed by attractive women wearing nine-yard saris who gyrate on the pulsating beats of traditional music.

## Dhangari Nrutya

This dance form is performed by Dhangars or shepherds of Sholapur district of

Maharashtra whose poetry is inspired by the beauty of nature. The poetry is in a form called 'Ovi' which is made up of couplets. The Dhangari Gaja Dance is performed to please their God "Biruba". The group of dancers surround the drum players and move in rhythm.

## Koli

Koli Dance is performed by the fishermen of Maharashtra - known as Kolis. Their colourful attire, cheerful personalities and distinct identities are reflected in their dance form too. Both men and women participate in this dance. One of the most popular movements in the Koli dance is that of the hand, as it moves while rowing a boat, the movements of waves and the casting of nets to catch fish.

## Tamasha

Tamasha is one of the most important forms of folk theatre of Maharashtra, which developed in 16th century. Some scholars believe that this form of theatre has been inspired by two forms of Sanskrit drama - the "Prahana" and the "Bhana". The love songs (Lavanis) are the heart of Tamasha and are very popular. Instruments used are the Dholki drum, 'Tuntuni', 'Manjeera' cymbals, 'Daf', 'Halgi', the metal triangle called 'Kade', the 'Lejim', the Harmonium and 'Ghungroos'.

## Tarpa

Indian Tarpa Dance Festival derives its name from the famous and extremely popular folk dance of Thane Maharashtra, Dadra & Nagar Haveli. Clad in traditional Marathi attire, the students performed a group dance to the rhythmic beats of the traditional music.

## Abhang Fusion

The surprising element of the event was Abhang Fusion - a collection of Abhangs of various saints and also self-composed Abhang by the students.

The students also performed short skits, stand-up comedy which had the audience in splits. Maay Marathi earned a huge acclaim from the audience. This occasion was graced by the presence of Dr. Rohini Kelkar - Principal VSIT, Mr. Ashok Seth - Dean Administration, VSIT faculty members with their families, parents and students. The festival was organized by Student Council 2016-17 with the support of NSS students.

— Ashwini Joshi  
Faculty, VSIT

## VSIT NSS students participate in ‘Save our Sahyadri’ Cycle Rally



A cycle rally was organized by the University of Mumbai and Ashwamedh Prathistan NGO. The objective of the rally was to promote the benefits of Sahyadri Ghats and spread awareness on their positive impact on our environment.

To create awareness about Sahyadri Ghats, Vice - Chancellor of University of Mumbai Dr. Sanjay V. Deshmukh and NSS Program Coordinator, Mr. B.S. Bidve

appealed to NSS volunteers of various colleges to participate in the cycle rally to generate buzz in around Mumbai.

Our NSS PO Mr. Vijay Gawde and Mr. Harish Noula initiated this appeal and motivated NSS students to actively participate in this awareness campaign, which resulted in the active participation of five VSIT NSS volunteers:

1. Neeraj Karia (FYBMS)
2. Aditya Yele (FYBFM)

3. Shreekant Salla (FYBSCIT)
4. Nikhil Chenna (FYBSCIT)
5. Omkar Dhurat (FYBSCIT)

These five volunteers cycled for 5 days (2-6 December 2016) around 450 km from Kalina University (Santa Cruz) to KMC College (Khopoli). On their route NSS cyclist volunteers were greeted by the NSS units of affiliated colleges of Mumbai University. The rally was further taken ahead by the cyclists from Ashwamedh Prathistan from Sawantwadi to Mahabaleshwar. During the rally, the NGO organized exhibitions on various locations on the contribution of Sahyadri Ghats in our environment for which they had prepared charts which displayed water bodies, birds, species, trees, and mountains of the Ghats. In the route of cycle rally the NGO gave a short talk on the importance of Sahyadri Ghats to nearby village schools. In addition to this, NSS students also performed 4-5 street plays on “Save our Sahyadri Ghats” with the NGO volunteers at different locations.

— Ratna Pandey,  
Community Relations Officer, VSIT



# Growing demand of M.Techs by Recruiters



Earlier days were the ones when it was alright to take up jobs after graduation. But the situation has changed drastically over the last few years as there has been extreme saturation at the undergraduate levels. As students have started realizing the benefits of post-graduation, let me mention a few of them here for you:

The first and foremost advantage of doing an M. Tech is that you get time to think where things are headed and how you can control them, where do you want to go and what is your ultimate destination. You know the mistakes you made in BE / B.Tech and so you are better equipped to avoid or handle them.

The second advantage of doing an M. Tech is that you add value to your education and you will definitely have benefits in the long run. As we move ahead in life our educational qualifications will



become more and more significant. At some point, where all other competitors have the same technical skills, you will be given preference over the others because of your qualifications.

The third advantage is that you will get more insight into the subjects as this time you are mature enough to understand the subjects with better depth. Usually teachers or professors are better than the ones who taught you in BE/B. Tech and you are more exposed to applications. The fourth advantage is you will have good friends who are similar to you and are trying hard to move ahead

in life. If your institute is good, you will see all of them in high positions in the future, their contacts may be good enough for you to start new projects and help many.

There are lots of other advantages of pursuing a higher degree. The latest recruitment phase in IIT Bombay also endorses the growing need of PGs and Dual Degree holders because of their superior cognition. They have more analytical approach, problem solving approach, research aptitude and most importantly innovation.

For the first time in the history of IITs, PGs and Dual degree students were picked up by recruiters over B.Techs. About 275 companies came to the campus recruiting about 975 students. The sector wise percentage is Engineering & Technology-30%, IT/Software-20%, Fi-

nance-15%, Analytics, R&D and Consulting-10%. The average annual salary of the students touched Rs. 12 lacs. PSUs arrived earlier on the campus to recruit PGs. This gave a boost to government jobs at the IITs.

The situation is changing in academics as well as nationwide, as more and more specialized people are recruited by companies to minimize investment on training of new recruits. Postgraduates are mostly preferred because of their commitment towards the jobs. Postgraduation has indeed become the need of the hour!

— Shweta Apte  
Academic Advisor, Vidyalankar Group

## VIT bags “Distinguished College Award” at “TechNext India 2017



Vidyalankar Institute of Technology bagged the "Distinguished College Award" at the 2-day Annual Academic Conference and awards for Academia "TechNext India 2017" on 14 & 15 January 2017, at the Victor Menezes Convention Centre, IIT Bombay, Powai, Mumbai hosted by Computer Society of India-Mumbai (CSI) in association with FOSSEE & Spoken Tutorial, IIT Bombay!!

Along with this Dr. Saurabh Mehta, Head of the Department of Electronics and Telecommunication Engineering, VIT received the "Distinguished Professor" and "Distinguished Head of the Department" award.

The awards were presented by Mr. Nitin Sawant, Managing Director, Accenture and were received by Dr. Sudhakar Gaonkar -CEO, Prof. Varsha Bhosale-Vice Principal, Prof. Saurabh Mehta-HoD, EXTC and Prof. Suja Jayachandran,-CSI Student Branch Coordinator, VIT.



# Vidyalankar Polytechnic students gain valuable insights from IVs to Lokmat Bhawan and Akashvani Bhawan



Industrial visits are an integral part of a college education as they not only impart knowledge but also provide students with a platform to experience practical knowledge of their subjects. Vidyalankar Polytechnic had organized a visit to Lokmat Bhawan, MIDC, Mahape on 24 December, 2016 for the students of second semester of Electronics & Telecommunications. The main aim of this activity was to make students aware of print media and its role in the process of education. Seventy students along with four faculty members enthusiastically participated in the visit.

Mr. Rohan Ambre, In-charge of the Mahape Business Circulation gave a warm welcome to students and introduced them to the history of Lokmat Press. The students were briefed about the various competitions faced by print media today against the electronic media and how newspapers have been able to survive the competition.

The entire printing process was explained and students were able to see live printing of their supplementary paper. As automation has taken over the printing industry, students were able to identify the need of these integrated systems which has enhanced speed, improved performance, reduced power consumption and wastage, resulting in reducing the cost of printing.

The students found it fascinating to see the entire process on the sophisticated machinery; and realized the amount of time and effort that goes into printing a single edition. They learnt that, though the printing is done at night, the newspaper publication of one day is a complete 24-hour process, right from the editorial, news collecting, collating into a pdf format on the computers to the printing and distribution.

Our students were brimming with questions about 'Lokmat' newspaper

and about the output of the machines. They were also eager to know about the process of colour coding done during the printing of the newspaper. It was a great learning experience for everyone. It indeed is an appreciable endeavor on the part of the Vidyalankar Polytechnic management to have planned such an educative outing. This visit not only gave an opportunity for the students to learn beyond the classroom periphery but also gave them a good exposure to the technical part of the industry.

Vidyalankar Polytechnic's Industry Institute Interaction Committee organized a two-day educational trip to Akashvani Bhawan, Churchgate for the students of VI semester of Electronics & Telecommunication Department on December, 2017.

A group of nearly sixty students along with the six faculty members vis-

ited the station. The main aim of the visit was to make students familiar with the professional environment of the radio station correlated to their subject 'Advance Communication System'.

The officers of Akashvani Radio Station welcomed the students and put forth their best efforts to impart good technical knowledge of the functioning of the station. In this visit, students were informed that the radio station is divided into different sections mainly control room, playback section, studio and transmitting section. It is now in the process of laying thrust on modernization and technological up-gradation. Akashvani has recently switched over the transponder links to GSAT-10 satellite having C-band frequencies from 4.2 GHz (downlink) to 6.61 GHz (uplink). New digital microwave studio transmitter link equipment has also been installed.

They gave a presentation on the hierarchy as well as working environment of the station before indulging the students in the practical aspects of radio in the conference room.

The officers guided the students by showing them all the Division. They were provided practical knowledge by allowing them to visit live recording of Asmita and Samvadita channel and get familiar with the radio equipment. Students got an exposure to the live news broadcasting and studios. The students were exposed to the software used in the station. They also got an opportunity to meet playback singer Mr. Divya Kumar, RJ Shagufta and flutist Mr. Kulkarni.

The visit was very fruitful as it enabled students to gain technical as well as practical knowledge of their subject.



## VSIT Students share their views on Demonetization

The Step taken was major one. Although it happened overnight, it was a well-planned strategy. It did result in minor hitches for common people to access money but created problems for people with black money.

— Mayuri Waghdhare, FYBAF(A)

It has affected every middle class person in this country and there were very long queues outside every bank and every ATM after the announcement was made by our honourable PM. When I finally changed my money and I got 2000 straight up, it was quite difficult to get change for such a huge amount. But if this is going to help curb the black money issue and help in the progress of our country then, I have no problem whatsoever!

— Vaishnavi Venugopal, SYBMS (HR)

I think what PM Modiji has done is just tremendous. He just burnt the pockets of the people who had black money. The decision didn't affect me much as I just was standing at queues for some days to get my money exchanged at an ATM.

— Akash Poojary, SYBSCIT

I feel that government has done an outstanding job by taking such a decision; yes it has created some minor problems but we have to face some problems if we want some good changes, so basically I am happy with the decision taken by the PM.

— Rucha Terdalkar, FYBAF(B)

Our Prime Minister has taken the decision of Demonetization to stop corruption, duplicate notes, terrorism etc. So I personally feel that the decision taken by PM Modi was a correct decision. It did not affect me much, I just had to wait in a queue for some hours.

— Ashlesha Hande, TYBAF