

Not just magnitude but also the direction!

VECTOR

In association with  **dna**
YOUR CODE OF THOUGHT

Reader Engagement Initiative

Volume 11

Issue 06

April 2015
Circulated free to students
of Vidyalankar (For private
circulation only)

Vidyalankar Students Dominate GATE-2015 RESULTS



Vidyalankar rankers in GATE 2015

Graduate Aptitude Test in Engineering (GATE) is a national level examination which is a benchmark for a student's engineering aptitude. Every year about nine lakh students appear for this examination to pursue their higher education in reputed institutes like IITs and top NITs. The fact remains that only 1% of the students can make it to these highly coveted institutes.

Though in GATE the syllabus is similar to that of the University, the approach towards the subjects is different and more application-oriented questions are asked which checks a stu-

dent's conceptual level understanding of the subject. Hence students who do very well in regular engineering exams also need a different approach to crack this examination.

Vidyalankar started its wing to train students for GATE way back in 2003 and since then there has been no looking back as every year Vidyalankar students are notching up outstanding performances.

A lot of this success is attributed to a competent and committed faculty team and a systematic course plan which Vidyalankar puts into place. This approach takes students systemati-



Vidyalankar Director Ms. Rashmi Deshpande felicitating AIR 6 and Mumbai Topper Jash Kumar Dave

cally from the conceptual level to the examination level.

The faculty inculcates a healthy competitive spirit among students and hence students start taking competitions as a challenge and enjoy the process. The Long Term Batch at Vidyalankar helps students to build that temperament and helps them finally achieve top ranks at GATE.

This year in GATE-2015 Vidyalankar student Jash Kumar Dave secured All India Rank 6 and stood first not only on Mumbai but in Maharashtra as well. More than 30 students scored

more than 90 percentile.

Jash Kumar Dave says: "I joined Vidyalankar in a Long Term Batch and I enjoyed the complete journey with Vidyalankar. The faculty members are extremely competent and thorough in their subjects and are very flexible when it comes to helping students in the best possible way. I owe my success to Vidyalankar."

Every year Vidyalankar felicitates its rankers and this time also the ceremony was held in Hotel Grand ITC at Parel. Vidyalankar is committed to contributing quality education and will continue doing so for the years to come.

VIT's TANTRAVIHAR 2015: An exploration of innovation in technology

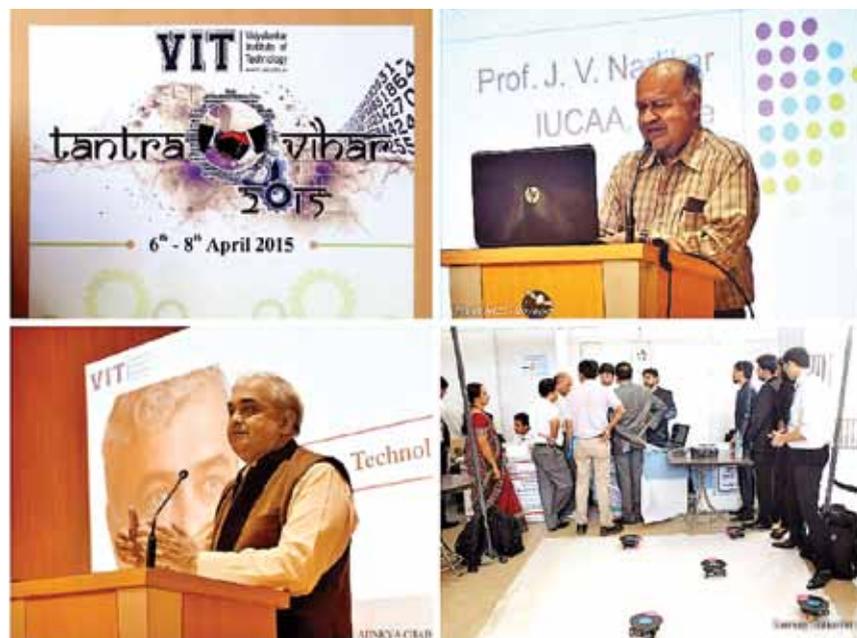
TANTRAVIHAR 2015 is a State level Project Competition which was organized by Vidyalankar Institute of Technology to encourage young people to apply their imagination, their passion, and their creativity to technology innovations that can make a difference in the world today. The competition was not just about promoting professional excellence, however; it also served to promote intercultural dialogue and cooperation, through the involvement of students and teachers from various places and colleges.

The Inauguration of TANTRAVIHAR 2015 was done by the esteemed astrophysicist Padma Vibhushan, Padma Bhushan Dr. Jayant Narlikar on Thursday, 2nd April 2015. In a highly informative session, Dr. Narlikar spoke on "Anomalous Redshifts."

All projects were evaluated by industry experts and experienced academicians. The Best Projects

were awarded prizes worth Rs. 50000. Special prizes were reserved for projects on environmental and social causes.

The valedictory and prize distribution ceremony was scheduled on Wednesday, 08 April 2015. The Chief Guest was Mr. Deepak Ghaisas, the Chairman of Gencoval Strategic Services Pvt Ltd, and who previously had held the position of CEO India Operations and CFO of Iflex Solutions Ltd., India until Aug 2008. He delivered an insightful talk on "Future Technology Era." TantraVihar 2015 saw enthusiastic participation from students from many colleges and was a great opportunity for second and third year students to be inspired by the innovative and meaningful projects on display by final year students. All the students who took part gained a great deal of knowledge and experience and at the same time ignited the spark of innovation in the minds of aspiring juniors.



VSIT Organised V-CMT 2014-15

“Research is to see what everybody else has seen and to think what nobody else has thought”. Realising the importance of research in academics, the R & D Committee of Vidyalankar School of Information Technology organised V-CMT 2014-15: The 2nd National Multi-Disciplinary Conference on ‘Changing Paradigms in Commerce, Management & Technology’. The event was a two days National Conference having research paper presentations in various areas of Commerce, Management & Technology.

The Conference was inaugurated on 13 March 2015 by Dr. Ajit Ranade, Chief Group Economist, Aditya Birla Group, who mesmerized the audience with his enthralling speech on “Economic Problems, Planning & Practical Implementations”. Dr. Ranade spoke on how practical contingencies hamper the implementation of planning while solving economic problems, making the listeners ponder on the issue for further research.

The keynote speakers for the session were Dr. Ashwin Mehta, a well-known author in Nuclear Physics who has a Ph.D from Bhabha Research Centre (BARC), Mumbai, Dr. Seema Purohit, Professor, Director at Navinchandra Mehta Institute of Technology & Development, Mumbai and Dr. Rashmi Soni, Associate Professor (Finance), K.J. Somaiya Institute of Management Studies & Research, Mumbai.

On the first day, the Conference had three



Mr. Ajit Ranade at VCMT

parallel tracks post lunch; one session for Technology Paper Presentations chaired by Dr. Seema Purohit and Dr. Ashwin Mehta; the other session for Commerce & Management Paper Presentations chaired by Dr. Rashmi Soni and the third session for Students' Paper Presentation chaired by Ms. Devyani Ganpule and Dr. Sangeeta Joshi.

The second day of the Conference started with the keynote address by Mr. Satish Joshi, Consultant, IGATE Corporate University, Mumbai on the topic “A Frugal Approach to Innovation”. It was followed by paper presentations in two parallel tracks, one for Technology chaired by Dr. Seema Purohit and Dr. Ashwin Mehta; the other session for Commerce & Man-

agement chaired by Dr. Prabhakar Rajkumar, Assistant Professor, Department of Commerce, Periyar University, Salem.

The Valedictory Function of the conference was held on 14 March after lunch. The Chief Guest for the function was Dr. P.S. Rao, Dean-Quality Systems & New Business Initiatives, Welingkar Institute of Management, Development & Research, Mumbai.

The delegates were judged on the basis of papers they presented and Best Paper Awards were given in the respective categories. The Technology track had a tie for the Best Paper Award between two very promising papers, first one presented by Ms. Mariya Achary and the second by Mr. Prathamesh Churi. Among the students for the Technology Section the tie was between two papers, one presented by Ms. Nikita Patkar & Ms. Ritula and the other by Ms. Vrinda Thakkar & Mr. Tejas. The Commerce & Management track also witnessed a tie between two papers among the faculty members for the Best Paper Award, the first one presented by Ms. Sumbul Samreen and the second one by Mr. Sandip Khandekar & Mr. Amit Kabra. Among the students under the Commerce & Management category, the Best Paper Award was bagged by the paper presented by Mr. Sagar Amale & Ms. Suman Malandkar.

The Conference provided a knowledge sharing platform to the delegates and served as a motivational ground for further research in various fields relevant to the current scenario of change and development.



A VISIT TO VANVASI KENDRA

The Volunteering Committee of Vidyalankar Polytechnic had arranged a visit to Talasari on 18 February 2015 which was named as “Let’s Share”.

The motive and purpose of this activity was to make students experience the importance of sharing and to understand the working system of NGOs for the benefit of society. Vidyalankar Polytechnic collaborated with Vanvasi Kalyan Kendra which is an NGO working for Adivasi kids in Thane District. The organisation works for local residents and spreads awareness on the importance of education and health. The volunteers from Vanvasi Kalyan Kendra go

to “Adivasi Padas” and encourage children and their parents for education. 45 staff members and 12 students of Vidyalankar Polytechnic initiated such kind of an outstanding contribution by collecting grains, toys, books etc. for the underprivileged Adivasi students. These kinds of activities fulfil the right purpose of sharing and make aware the younger generation to be responsible towards their society. As the name suggests “Let’s Share”, our students also conducted various games, drawing competitions for which prizes were also distributed. Overall it was a fulfilling experience for both our students and staff members.

MAHA BUDGET 2015-16 Good Intentions: Implementation is the Key

The Finance Minister of Maharashtra presented the first Budget of the recently elected Govt. on 18 March 2015.

With the back-drop of agricultural distress throughout the State, the Budget’s first priority was to strengthen the agricultural and rural economy. Accordingly, the Budget lays a lot of stress on water storage and conservation, micro-irrigation and other allied provisions for additional water resources. Higher outlays are envisaged for agricultural pumps, with a novel scheme for installation of ‘solar agricultural pump sets’.

The Budget also makes additional allocations for Roads, Power Generation, and Housing and for Urban Infrastructure, as also for Tourism. “Make in Maharashtra” is another hallmark of the Budget, with the promise of facilitating the ‘Ease of doing business in Maharashtra’.

A notable feature of the Budget is its recognition of and stress on the importance of “skills development”. A comprehensive skills-development program is to be implemented soon with special focus on key sector like-Construction, Manufacturing, Textiles, Health Services, Banking, etc.

There are many financial provisions, allocations and schemes in the Maharashtra Budget. The people of Maharashtra are hoping for the best and hence successful implementation is very crucial.

(These points were made by Dr. C S Deshpande, Adjunct Faculty, VSIT in a post-Budget Panel-Discussion comprising the Hon’ble Chief Minister of Maharashtra, Mr. Devendra Phadanvis and former Finance Minister, Hon’ble Mr. Dilip Walse-Patil on 18 March 2015 organised by Loksatta).



Maharashtra CM Mr. Devendra Phadanvis with VSIT Adjunct Faculty Dr. CS Deshpande

Adhyayan 2015 – Book Review Exhibition

The Department of Management Studies organized one of their unique initiatives 'Adhyayan 2015 – Book Review Exhibition' on 31 March 2015. The exercise is unique because the learnings of book reviews were synergized with the concept of 'Mind Mapping'. Mind Maps are innovative and creative ways of remembering and presenting concepts and contents.

In this activity first year students of MMS presented the contents and learnings of books through creating Mind Maps on chart papers. The exhibition gave an opportunity to the visitors to be aware of books in various areas, like management thoughts, fiction, entrepreneurship, inspirational motivational, self-improvement etc. Some of the books taken up by the students were 'Vyakti ani Valli' by P. L. Deshpande, The Secret, Seven Habits of Highly Effective People, Magic of Thinking Big, Steve Jobs, M.S. Dhoni, Leadership Wisdom, Good to Great, The Google, The Goal etc.

For the inaugural of the event, Ms. Aparna Sharma, Country Head, HR at Lafarge India was invited. Ms. Sharma, who graduated from Tata Institute of Social Science, was conferred the "Woman Super Achiever" award in 2011 by the 6th Employer Branding awards (Regional Round) and the "HR Super Achiever Award" by Star News, Mumbai in 2012. Recently, she has received the "Women Leadership Award" for BFSI sector.

Ms. Sharma, along with the VDT Chairperson Smt. Sanjeevani Deshpande inaugurated "Adhyayan 2015". They both walked around and observed the posters of different books which were arranged on tables and were delighted to see an impressive range of books in the Mind Map form arranged on the table. During the inaugural session she emphasised on reading and said that books are our good friends, give us great knowledge and are available 24/7. She said that our knowledge should not be shallow and the base of our knowledge must be firm



enough. Books make us better persons as the knowledge of reading stays with us forever. She encouraged the audience to read more books. She advised to take up small and desired topics to start reading. Being a HR professional she

also explained challenges and myths in HR.

Adhyayan was followed by a skit on reading and then a few quizzes on books and authors were conducted by students of First Year MMS which marked the end of Adhyayan 2015. It was

a memorable experience for all and the activity ensured that we remember the books we read for a lifetime.

- Siddhesh Waman,
First Year MMS, VIT

Samsung Galaxy S6 - The Big Review

The release of the flagship from Samsung was widely expected during the Mobile World Congress, Barcelona. Galaxy S6 was known internally as "Project Zero." Why zero? Because with the S6, Samsung says it started from scratch and its design team members were given the freedom to build the phone of their dreams. The Samsung galaxy S6 can easily be said as the prettiest Galaxy yet from the company. Samsung has gone for a total reboot of its smartphone line with yesterday's unveiling of Galaxy S6 and S6 edge smartphones.

PROCESSOR

The new galaxy is powered by a 64-bit 2.1GHz octa-core processor and 3GB RAM, which make for a powerful and extremely responsive smartphone when combined with the Android 5.0-based TouchWiz. No lag shall be experienced in this one though. This time the processor is designed by Exynos, manufactured by Samsung itself. Overall, the processor is lightning fast.

DISPLAY & DESIGN

Samsung Galaxy S6 features an eye-catching 2k display. The 5.1 inch Super AMOLED screen has a 1440x2560p resolution which is far better than a Full HD one. The Edge screen on Galaxy S6 edge is on both sides this time, up from just one side as is the case with Galaxy Note Edge. There

is a much needed improvement on the design front with metal and glass and of course the plastic has been finally dumped.

CAMERA

Galaxy S6 and S6 edge both have a 16 MP rear camera which is also great for lowlight photography, Samsung claims, as the sensor is now able to capture up to 60% more light now. The camera's indoor photography skills are top notch, capturing all the details and delivering great colours and contrast. The 5MP front camera captures much light as does the rear camera. This means much clearer, brighter selfies for you. On the software side, you get features like beauty mode and wide-angle selfie.

SOFTWARE

On the software front, The S6 runs on Android Lollipop 5.0 along with its customized TouchWiz UI. There is a much smaller number of pre-installed Samsung apps. The new TouchWiz UI has been made more simple and clutter-free.

MEMORY

In the new Galaxy, the back panel is not removable and you can't place a micro SD card for storage expansion. Samsung has given 32, 64 and 128 GB options, stating that the new flash memories it has used make the process up to 80% faster.



BATTERY

The battery is 2,600mAh in capacity. However, the fast-charging technology Samsung has used can charge the phones from 0% to 100% in just 30-40 minutes. And charging the phone for just 10 minutes will ensure that it lasts for up to 4 hours.

PRICE

The official price of the Samsung Galaxy S6 is Rs. 49,500 for the S6 and Rs. 58,500 for the S6 edge.

The Korean company was forced to act like the design leader with devices like the Samsung

Galaxy S5 that the company struggled with. The Galaxy S6 definitely look better than recent Galaxy devices, hinting Samsung may be more comfortable chasing a target rather than being asked to lead from the front. The new metal and glass design is always welcome. The camera just keeps on improving and the Exynos processor is also lightning fast coupled with the new light TouchWiz UI. It would be interesting to think what the consumers think of this flagship.

- Suman Pandit
SE ETRX 1, VIT



IPL 8 – An Overview

The scorching heat of summer is back and with it is the party of cricket. The ICC Cricket World Cup just concluded Down Under with Australia crowned the champions. A few days later, the Indian Premier League- another mega event in the cricket calendar started. 8 franchises from all over the country will be again vying for the crown with the Kolkata Knight Riders defending their title. The teams have gone in for minor changes in their squads in the auctions this year.

1 CHENNAI SUPER KINGS

There were many controversies surrounding CSK the past year with fixing claims against the owners. However, now they are all clear and will be going all out for the coveted trophy. Their amalgamation of quality Indian players with their overseas counterparts is their strength. This year too they look the most balanced side among all teams. Led by Captain Cool MS Dhoni, CSK are surely among the favorites to defend the title.

Key Players - MS Dhoni, Brendon McCullum, Dwayne Bravo, Dwayne Smith, Faf du Plessis, Ravindra Jadeja, Suresh Raina

2 KOLKATA KNIGHT RIDERS

The defending champions have changed their tempo in the recent years having undergone some changes. The captaincy of Gau-

tam Gambhir has been crucial. KKR's spin attack led by Sunil Narine, is the best in the tournament. The team does not have any Indian player who had featured in the World Cup. This can be both a strength as well as a weakness. The Kolkata Knight Riders look like a team of full-fledged T20 players and have a strong chance to win the title again.

Key Players - Gautam Gambhir, Andre Russell, Morne Morkel, Robin Uthappa, Sunil Narine, Umesh Yadav

3 Mumbai Indians

After the first couple of seasons, MI has made it to at least the last four in every season. A major reason behind this is their ability to retain core players like Lasith Malinga, Harbhajan Singh, Rohit Sharma, Ambati Rayudu and Kieron Pollard. Their Indian contingent is very good. MI has an excellent coaching staff, all of whom were excellent players during their time. They should easily progress to the finals if they can keep their nerves in the knockouts.

Key Players - Rohit Sharma, Corey Anderson, Keiron Pollard, Lasith Malinga, Aaron Finch, Pragyan Ojha

4 RAJASTHAN ROYALS

The Royals have well-defined roles for each player. They rely on team work rather than individual efforts. Their spin department lacks

strength which can prove dangerous in Indian conditions. The Rajasthan Royals are always the dark horses of the IPL and this year too shall be the same.

Key Players - Shane Watson, Ajinkya Rahane, Pravin Tambe, Sanju Samson, Steven Smith, Stuart Binny, Tim Southee

5 ROYAL CHALLENGERS BANGALORE

The RCB side looks the best on paper. Featuring the likes of Kohli, Gayle, De Villiers and Starc, they can beat any team on their day. Their home ground, M.A. Chinnaswamy stadium is the best during IPL. However, they are chokers in IPL. Given the depth in their squad, Virat's men will be gunning for their maiden title.

Key Players - Virat Kohli, AB de Villiers, Chris Gayle, Mitchell Starc

6 SUNRISERS HYDERABAD

They seem to be determined to prove a point as they had a very good day at the auctions. They were one of the busiest teams as they roped in 10 players. Moreover, they were very smart in terms of their buys as they bought some quality players like, Kane Williamson, Eoin Morgan and Hanuma Vihari for relatively smaller amounts. Kevin Pietersen's decision not to play in this year's IPL will go against them.

Key Players - Shikhar Dhawan, Bhuvneshwar, Dale Steyn, David Warner, Kane Williamson, Trent Boult

7 KINGS XI PUNJAB

KXIP made the noises for all the good reasons last year. A complete overhaul in the coaching staff bringing in Sanjay Bangar paid rich dividends. They unarguably have the best batting line-up amongst all teams. Bowling with Johnson leading the attack is also good. Last year's finalists will try to go one step better this year.

Squad - Axar Patel, David Miller, George Bailey, Glenn Maxwell, Mitchell Johnson, Thisara Perera, Virender Sehwag

8 DELHI DAREDEVILS

Delhi Daredevils have undergone a major revamp in their squad this year. They have retained only 11 members since last year. The Daredevils have a good bunch of all-rounders and are coached by Gary Kirsten. DD shall be able to make a mark if and only if the team is able to work together.

Key Players - JP Duminy, Mohammed Shami, Quinton De Kock, Imran Tahir, Angelo Mathews, Yuvraj Singh, Amit Mishra, Zaheer Khan

The focus will now be on the IPL, where talents from all across the world will showcase their talent in the shortest format of the game.

- Suman Pandit, SE ETRX 1, VIT



Felicitation of Vidyalkankar Classes students

117 students have secured more than 70% and above ('O' Grade) in the B.Sc (IT) – Semester V November '14 exams