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Not just magnitude but also the direction!

VECTOR

Reader Engagement Initiative

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VIT organized an International Conference on RACEM—2013

VIT organized an International Conference on Recent Advances and Challenges in Engineering and Management (RACEM-2013) on April 3-4, 2014. The Conference focused on recent trends in the fields of Technology and Management. Papers were invited on four major tracks Latest Trends in Electronics and Communication, Computers and Computing, Technology Management and Humanities and Bio Medical & Bio Engineering. The event included various invited talks and research paper presentations on April 3 and workshops and hands-on sessions on April 4-5, 2014.

The major objective of RACEM-2014 was to serve as an excellent forum to facilitate interaction for an intellectual exchange of ideas among academia, industry and research personnel, standard developers, and practitioners in the fields of Engineering and Management worldwide.

A multi-track event, covering theoretical and practical aspects on Technology and Management related topics, the Conference aimed to provide a platform for new paradigms emerging with valuable additions made to the existing corpus of knowledge.

The inaugural function was held on 3 April 2014. Dr. Lalit Surajmal Kanodia, Ph.D., MIT, USA, Founder of Datamatics Group of Companies was the Chief Guest and Mr. Suresh Lulla, Founder & Managing Director of Qimpro Consultants Pvt Ltd was the keynote speaker. The function was graced by the presence of Mr Vishwas Deshpande, Managing Trustee, Ms Rashmi Deshpande, Trustee-VDT, Mr Milind Tadvalkar,





From L to R□Mr Suresh Lulla, Dr Lalit □anodia,
Mr Milind Tadvalkar and Dr Sunil Patekar

Director-VDT Dr. V.N. Gupchup (Ex-Principal, VJTI Mumbai, Ex Pro-Vice Chancellor, University of Mumbai, Ex-Chairman, NBA, AICTE, New Delhi) Principals of VIT, VP and VSIT, many faculty members and registered participants.

The Inaugural address by Dr.Lalit Kanodia was on "Role of IT in Indian Economy".

Paper presentation sessions started in the second half in parallel sessions at 7 venues the session chairs gave constructive comments on various sessions. There was a poster section in which papers selected for posters were displayed.

The second day of the conference saw 5 workshops based on various topics and received tremendous participation from VIT as well as other institutes.

Some of them were

- 1) The 2-Day e-Yantra Robotics Workshop was conducted by e-Yantra Team from Vidyalankar and coordinated by Prof. Shrikant Velankar from Department of Electronics Engineering.
- Workshop on "Microwave CAD Tools and Simulation Software in Communication Engineering", conducted by Prof. Vaibhav

Kshirsagar.

- 3) Workshop on "User Experience Management and Usability Engineering" by iGATE.
- 4) Workshop on "Android App Development-Web Application Development" conducted by Prof. Aman Mahadeshwar, Department of Computer engineering.
 5) Workshop conducted by FOSSEE at IITB on
- 5) Workshop conducted by FOSSEE at IITB on OSCAD. OSCAD is an open source Electronic CAD tool for circuit simulation. Students were taught about the installation and usage of OSCAD.

All session chairs have given extremely positive feedback about the papers. Session chairs and Moderators also appreciated the arrangements made during the conference.

This conference has given a platform for the students and faculty of VIT to interact with Industry and academic experts and to know about the recent advances and challenges in the fields of Engineering and Management.

VISMIT 2014 – A Step towards the future of VSIT

t was one of those proud moments for VSIT – a bold step which has taken the institute closer to its dream of a research university! The Research & Development (R&D) committee of VSIT in association with Computer Society of India (CSI) organized a two days National Research Conference VISMIT on the topic 'Recent Innovations and Emerging Trends in IT and Management' on 21 and 22 March, 2014, sponsored by NIIT and Close-up. It was the first National Conference organized by VSIT.

Dr. Sanjeevani Deshpande, Chairperson VDT was the chief guest for the event. The participants and the delegates were given a warm welcome by the Principal of VSIT, Dr. Rohini Kelkar. Present among the delegates was Ms. Ujwala Sav, the Convener of VISMIT 2014.

VISMIT 2014 was honored to have two eminent personalities from the academia and industry respectively as the key note speakers. The first key note speaker was Dr. Chandrahas Deshpande, an Economist by profession. He spoke on the economic challenges India is facing and why it would be critical for the next elected government to address these issues to stabilize the economy.

An equally memorable speech was made by Mr. Ravi Raman the chief solution Evangelist icreate. He gave vital insights on an emerging topic Business Intelligence and how it is going to change the way businesses operate. The session was interesting with a lot of real-time examples



National Research Conference VISMIT2014 IT Track Delegates and Dr. Rohini □elkar □Principal, VSIT□ □eynote Speaker Dr. Chandrahas Deshpande □Economist□, Chief □uest Dr. Sanjeevani Deshpande □Chairperson, VDT□ □eynote speaker Mr. Ravi Raman □Chief Solution, Evanglist iCreate□, Mrs. □jwala Sav □Convener, VISMIT□ □21st□ 22nd March. 2014□

and anecdotes

Paper presentation and review started off in the second half of the first day. There were two parallel tracks, each for Management and Information Technology. Dr. Richa Jain (Thakur College) and Dr. Suresh Chandra Gupta (Hon. Secretary of CSI) were the session chairs for first day for management and IT respectively. The IT track was privileged to have Mr Abraham Koshy, CSI Head, Mumbai Chapter. While

day two had Mr Rajendra Patil (S.K. Somaiya College) and Ms Anjali Panigrahi (Chetna Hazarimal Somani College) as the session chairs for IT and Management respectively.

Papers were presented on varied topics like Women Leadership, FDI, Data Warehoouse, GIS etc. The reviewers appreciated the papers and gave vital feedback which was a true encouragement for researchers especially for those who were presenting papers for the first time.



Chief □uest Dr. Sanjeevani Deshpande and □eynote Speaker Dr. Chandrahas Deshpande inaugurating the National Research Conference VISMIT2014 proceeding

The conference culminated with the distribution of certificates to the participants and delegates alike. The event was a great success and a great beginning; thanks to the collaborative and concentrated effort from the entire staff at VSIT. The conference was a perfect platform which has sown the seeds to inculcate a research culture at VSIT. The good news is that, VISMIT will now be an annual event to be held every January.





MMS Placement



t's the placement season for second year MMS students. Pre-placement talks, group discus sions and personal interviews have kept the students on their toes for the last month.

With all the hustle during the day, there comes a sigh of relief at the end of the day when students are selected for their dream jobs and industry experts give them excellent feedback

MMS Students have glorified our Institute by their marvelous performance in the final place ments and prestigious internships. MMS Batch 2012-14 has broken all records of previous batches in terms of being placed at prestigious companies like SBI Life, NSE Infotech, Darashaw RBS, CRISIL, Mindcraft and India Infoline among many others, with lucrative Job Profiles and packages ranging to 5.25 lac p.a.

The 2013-15 batch has also received offers for internships from some of the best in the industry like RCF, NCC Telecom, SBI Life and Hindustan Pencils among others where apart from decent stipends they will also receive hands on experience in their areas of specialization

Congratulations to MMS students for excellent performance in Placements and Internships

Sr. No	Particulars	Final Placement - Batch 2010- 12 (Strength - 60)	Final Placement - Batch 2011-13 (Strength - 119)	Final Placement - Batch 2012-14 On-going (strength - 118)	SIP - Batch 2013-15 On-going (Strength - 106)
1	No of Company Interviews	11	50	41	17
3	Top Companies	IndiaBulls Securities, Connexions	Indian Express, Tata Interactive, Edelweiss Capital, ICICI, Reliance, Hindustan Pencils, IIFL, Eclerx, OIA.	RBS, Darashaw, MindCraft, India Infoline, NSE Infotech, 99Acres, Naukri.com, SBI Life, CRISIL, Hindustan Pencils, Just Dial, ICICI Prudential and many more in the pipeline.	SBI Life, RCF, Raheja Hospital, NCC Telecom, Forevision, Wegilant, Birla Sunlife, VEMC, Corporate Bridge, Hypercity, Hindustan Pencils and many more in the pipeline.
4	Higher Packages	2.5 - 3 lacs	3.5 - 4.26 lacs	3.75 - 5.25 lacs	7k - 10k
5	Average Package	2.12 lacs	3 lacs	3.5 lacs	

Industry Speak:

The general feedback is as quoted: "Students were very candid during pre-placement discussion. Everyone talks about the gap between industry and academia. Vidyalankar has successfully bridged this gap by incorporating lectures from company professionals and experts along with the institute curriculum. Student awareness about corporate news and current affairs is commendable as a result of the industry oriented guest sessions and regular reading of newspapers like Economic Times

and Business Standard. Students from this institute are very professional during Summer Internship Project even though it was their first experience to work in a corporate setting. Interpersonal skills of the students, especially convincing skills are admirable.

MMS department is proud of its students and pledges to continue nurturing them towards excellence.

> Ms. Reshma Bhansali & Ms. Radhika Joshi

Exploratory Session on Career Planning for VIT students

he Career Counselling Committee had organised an Exploratory session on Career Planning by Dr Pratibha Jain, Founder and Managing Director of Eduabroad Consulting. Dr Pratibha Jain is a renowned Education Consultant with over 20 years experience and is a famous columnist with the Times of India. These sessions were organised for 4 days for various batches of VIT students between 18 and 24 March 2014. More than 550 students across all branches attended these interactive sessions.

Dr Jain guided our students on the various options they can pursue after graduation in countries like USA, UK, Canada, Australia as well as within our own nation. She answered six basic questions that arises in the minds of prospective aspirants - WHAT should I study? WHERE should I apply? WHY study abroad? WHEN should I apply? HOW to apply? WHO

should I seek guidance from?

She spoke about the different courses available at various universities and their admission procedures. She also guided our students about various scholarships schemes. She told students that they should not feel demotivated if they can't score well in their graduation because they may still have various options at reputed universities abroad where they can apply to different courses.

She answered various queries of the students regarding Visa norms and accommodation facilities. These sessions were of great value and have not only motivated our students to pursue higher education at reputed institutes in India and abroad but also guided them to systematically plan their higher education

Mr Avinash Shrivas, (Assistant Professor, CMPN Department, VIT)

Ms Kratika Mittal, (Assistant Professor, MMS Department, VIT)

Entrepreneurship Lessons through Young Entrepreneur — Faisal Farooqui

ll MMS students enthusiastically wait for Saturday as this day is not only is the last day of the week but this is the day they get to meet a new personality from the corporate world.

A lanky guy, wearing a pair of jeans to go with a blazer entered the room. A cool and calm guy with an Indo-America English accent (which reminded

me of Rajesh Kuthrupalli of my Favorite TV Show) started off by distributing Kitkat chocolate to all individuals present in the audience. 'Kitkat Break' is always desirable.

That wasn't it! Faisal Farooqui He had To-

blerones to give to those who answered his questions, which drew a bit more attention to him right after the Kitkat Episode

He took the Centre stage and switched off the "S.W.I.T.C.H" (Satyam, Wipro, Infosys, TCS, Cognizant and HCL) companies which 'rob' the freshers and make them slog like anything without using their Skills for Innovations. Giving examples of some companies which encourage innovation like Facebook, WhatsApp, Twitter who have less number of employees as compared to the SWITCH Companies, but they have made revolutionary products which made a difference in everybody's life. He openly challenged the audience to show at least one innovative thing which has been done by SWITCH companies and not a single one came up with the answer!

Shedding some light over his early life as



early hick- ups which he had to cope with, like he had some problems registering Mouthshut as a Company Name, which he insisted upon and later on ended up getting the same approved after the intervention from the CMO. He proved the quote made by Mr Tony Hsieh, Zappos CEO "Chase the vision, not the money, the money will end up following you.

He also emphasized on the fact that as an entrepreneur one should dream and should be able to take risks to make that dream practical which again reminded me of a famous quote said by Howard Schultz, Starbucks ČEO "Risk more than others think is safe. Dream more than others think is practical."

He answered all the questions which were spontaneously asked by the attendees and those who answered his questions were rewarded with a Toblerone!

All in all it was a fun session of 2 hours with a good insight from the speaker into his entrepreneurial journey, all the way from the day he came up with the idea to the ups and downs he faced during his journey as an entrepreneur, be it the court cases from a company or the company name problem he stood strong in all his problems and came up victorious with flying colours. We came out with $refreshed\,minds\,and\,I\,am\,sure\,that\,the\,young$ entrepreneur Mr Faisal Farooqui must have ignited a thought in every one of us of becoming an entrepreneur rather than taking up a conventional job.

It's true that the "Best startups generally come from somebody needing to scratch an

> Sagar Sawant, 1st Year MMS Ms Smita Mukherjee, Faculty MMS









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about GATE-14: Graduate Antitude Test in Engineering (GATE) is a national level examination that tests the compreive understanding of the candidates arious undergraduate subjects in Engineering/Technology/Architecture and post-graduate level subjects in Science. The GATE score is used for admissions to postgraduate programs (eg. M.E., M.Tech, direct Ph.D.) in Indian institutes of higher education with financial assistance provided by MHRD and other Government agencies. The score is also used by many Public Sector Undertakings for employment screening purposes. The Indian Institute of Science (IISc) and seven Indian Institutes of Technology (IITs at Bombay, Delhi, Guwahati, Kanpur, Kharagpur, Madras and Roorkee) jointly administer the conduct of GATE. Indian Institute of Technology Kharagpur was the organizing institute for GATE 2014. The GATE 2014 results were released on 27th March 2014 at 21:30 hrs. A total of 10,33,625 candidates have registered for GATE 2014 and 8,89,156 candidates (86.02%) have appeared for the exam. For the first time, the 3-hour GATE 2014 examination was conducted in computer based ONLINE mode for all the 22 papers. The examination for all the papers was conducted in 9 sessions spread over 3 weekends, starting from 2nd February 2014 and ending on 2nd March 2014. The examination was conducted in over 660 centres spread over 26 states and union territories of the country. In terms of the number of candidates, the five largest papers are: Electronics and Communication Engineering (2,16,367), Mechanical Engineering (1,85,578), Computer Science and Information Technology (1,55,190), Electrical Engineering (1,41,799) and Civil Engineering (90,872). This year 17 PSUs have signed MoUs with IIT Kharagpur to receive the GATE 2014 results across various papers.

Highest No. of GATE'14 Rankers in Mumbai are from Vidyalankar. Once again!

At Vidyalankar's GATE classroom coaching programs, students were trained by the subject experts having extensive experience in training GATE students. Vidyalankar students were rigorously prepared by them to tackle online GATE along with accurate Guidelines to solve Numerical problems.

According to the toppers the Study material provided by Vidyalankar also played big role in terms of saving their time reading a lot of reference books as the study material covers the entire GATE syllabus in detail with over 7500 challenging problems to solve. Also the assignments and tests provided in the study material helped students to simulate exact GATE type of questions.

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hey say that the first impression is the last impression. This, while not always true is definitely true when it comes to a job interview. Your resume, is the first written document that any employer wants to see. It speaks volumes about you and can tilt the scale either way. This is why it is so important to draft a compelling resume. The rest of this article aims to give a

few tips to students who wish to crack interviews:

Do Your Research: Drafting a 'killer resume' can never be achieved using a one-size-fits-all approach. The first thing that any applicant must do is research about the company he / she is applying to. Identify what the

company looks for in a candidate or what problems the company is currently facing and address these issues. Following this approach informs the interviewers that you have taken the time out to specially craft your story and makes for an interesting read.

Restrict the Resume size: A common mistake made by applicants the world over is to draft pages after pages including each and every small achievement. Submitting long resumes is a sure shot way of making the interviewers disinterested in you. Fresh graduates should ensure that their resume is no more than one page in length. You may add one extra page to your resume for every ten years of experience that you gain in the future. Remember to only list down the most relevant and biggest achievements. So while including your final year project is a good idea, including your win in a cricket tournament in college is not! However, you may put in a generic extra-curricular section in your

resume so that recruiters know that there is more than one dimension to your personality.

List Accomplishments, not Generic Information: Interviewers like to see results, not general information. While participation is important – showing concrete accomplishments is even more important. For example, just listing that you were part

of the student council in your college won't give you much mileage – quantifying what you achieved in the role you held will.

No Lies, Please: Seems like a no brainer, but you would be amused to discover the amount people lie in their resumes. Even small lies should

be avoided. Apart from being wrong, most HR departments do background checks these days, and if you are busted it might ruin your credibility for good.

Content...and Presentation is King: An interviewer will form an opinion of your resume in five seconds. This means that along with content, presentation must be impeccable. Use professional fonts and ensure that all items are perfectly aligned. Additionally, use a font size of at least twelve and provide a line spacing of at least 1.15. Proof read your resume at least thrice to ensure that you have flushed out all spelling, grammatical or presentation errors.

Resume writing is just a small part of the campus recruitment process. Vidyalankar helps students from various colleges get into their dream company through its innovative Campus Placement Training program. To know more, call 4232 4232 / 2430 63 677.

Tantravihar 2014 Enthralls



idyalankar Institute of Technology hosted one of the most awaited events of the year, Tantravihar on 9, 10 and 11 April, 2014. We all wait for an entire year to see the final year students showcase their knowledge in the form of BE projects that they put forward. This time Tantravihar took a step ahead by including Inter college project competition where teams from various colleges of Mumbai University participated and showcased their implementable hardware and software skills.

The event was inaugurated by Padma Shri Dr D.B. Pathak. The first and second day of the event comprised of intra-college BE project presentations where students from ETRX, Biomed, IT and EXTC, Comps departments show cased their technical skills on the consecutive days. The third day was an inter college project presentation where 84 teams from all over Mumbai and 26 teams from VIT participated in the event. The groups started to assemble in the campus by 9 a.m. and stalls were allotted to each team. The project exhibition commenced at 10 a.m. and the judges started judging by 11 a.m. All the displayed projects were of high integration level where the students had really taken efforts to develop something that would be useful for mankind.

The First prize was bagged by a group from RGIT who had designed a quadcopter which was not RC based. It was so designed that it could be controlled via laptop (raspberry pi



WiFi enabled module) and could carry a payload of 400 grams and also hover without any restriction of distance.

The Second prize was earned by the Vidyalankar Gyantra team. They had used image processing to determine the number of heads present at a particular time in the compartment, which could be sent to the next station such that people could arrange themselves on the platform according to that information.

The event ended with the prize distribution at 5 p.m. Tantravihar 2014 ended on a happy note and was indeed a huge success. All the students who took part gained a great deal of knowledge and experience and at the same time ignited the aspiring juniors for their upcoming projects.

Nikhil Javeri, Vice-Chairman IEEE-VIT











It has been a year since the Student Council started its term. It has been a year since the trophies have maintained a steady influx. It has been a year of accolades. It has been a year of victories. It has been a year of success.

VITians have held their ground in numerous outdoor sports, bagging the top positions almost everywhere they participated. The Football team scored big at Bharti Vidyapeeth and Shah and Anchor scoring the runners up position. The trend continued in Volleyball at TSEC. The Girls' Volleyball team won the first place at Lokmanya Tilak College of Engineering. The Throwball team worked wonders, securing the winning position at Pillai College, DJ Sanghvi, Thakur, TSEC and VIT. The cricket team was declared runner up at SPCE. Badminton individual and team events both got us the winners tag at KEM and DJ Sanghvi.

The indoor sports too were a victorious lot. VIT won the first place in carrom at an exhaustive number of colleges, including SIES, VIT, KJ Somaiya (both Sion and Vidyavihar), DJ Sanghvi, DY Patil and Thakur!

The Sports Secretary Sadanand Naik is a happy man. 'After being elected as Sports Secretary, my fist goal was the branding of VIT through sports. I feel proud with these glorious victories. I want to congratulate all the team players of all the sports. This would not have been possible without their spirit, hard work and dedication towards the game. All these victories will bring about a change in VIT sports.' He parted with the very relevant 'Trophies gather dust, memories last forever.'

Not to be left behind, the cultural team of our college has bagged numerous accolades too!

The dance team won at KJ Somaiva. Sion.

The Fashion show team performed on the Egyptian theme. They won the first place in multiple colleges, including VIT, L. S. Raheja College of Management, RAIT, Terna and KJ Somaiya Medical College.

The drama team has gathered praise and prizes both, for its enactment of the original screenplay of 'Error'. The play is based on the concept of love in today's generation. It was conceived with the notion of conveying a message about true love and the misuse of social networking sites. The team won the first place at AC Patil and Sardar Patel.

VIT's drama team participated in the prestigious Indian National Theatre competition and was one of the two engineering colleges to make it into the top 16. The play was called 'Vachnalay' and was based on the theme of the deteriorating condition of the libraries today and the decreasing number of people reading books.

Eshwar Gole, the Cultural Secretary, is a proud leader. 'All the inter college teams, i.e. dance, fashion show and drama have done exceptionally well this year. This year has witnessed the highest number of victories in performing arts in the history of VIT. I have no words to explain how proud and happy I am. When the teams perform and win at inter college festivals, it gives the college recognition that proves to be very helpful in the branding of the college. As the Cultural and Literary Secretary, I could not have asked for better inter college teams. All the credit goes to their hard work and perseverance.'

VIT has definitely had a great year. The steely determination, hard work and resilience have sure paid off in a big way!





Fantabulous Gourmet display in VSIT

18 March, 2014 block no.012 of VSIT saw the organization of a marvelous Food festival Pak-Kala under the supervision of the Food and Beverage committee. The idea was to check the skills of the teachers, who are the real innovative homemakers -a glimpse of their perfection. Team work was the highlighting factor in this show. It was a well drafted script as the stage was set and the warriors unleashed with all their might, vigor and talent. As time flew by the whole premises was filled by the mouth-watering aroma of the delicacies laid out.

The audience and the judges were enthralled by the versatility and richness of the delicacies. The event was a very successful venture and received wide appreciation by all. Ms. Sonaali Borker, VIT was the judge for the occasion. She was extremely complimentary of the wonderful display of dishes and the conduction of this event by the VSIT Food & Beverage Committee.







