



ITYUKTA

इत्युक्ता

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Even Semester

Department of Information Technology

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From the Professor's Desk



It is the need of the hour for us to maintain pace with the changing technology. This can be achieved by participation of staff and students in various technical events and workshops.

As a teacher, I appreciate the collective efforts of students and faculty which has brought laurels to the department.

IT department also believes in imparting value based education which helps them to understand and deal with any problem and keep balance in every aspect of life.

"We want that education by which character is formed, strength of mind is increased, the intellect is expanded, and by which one can stand on one's own feet." as quoted by Swami Vivekananda.

Asma Parveen
Assistant Professor

From the Editor's Desk

Dear Readers,
Greetings!!!

After the power packed semester full of activities we try to compress the information in this 7th issue of our newsletter - "ITyukta".

This issue has a lot of interesting on and off campus news of our "ENERGETIC" departmental activities of different flavours and why everyone calls us 'COOL'. The department is extremely proud of all the achievements it has attained in past few months and takes immense pride in showcasing them to you. We probe and dwell into past memories and present a little spark to your lives.

"There is never just one thing that leads to success for anyone. It is always a combination of passion, dedication, hard work, and being in the right place at the right time."

Happy Reading!!!

Highlights

- 2 awards at Smart India Hackathon 2018: **2nd prize** won at Bhubaneswar and **Persistent System Innovation Award** at New Delhi.
- Kaushal Bhogle, Adheesh Juvekar and Ashutosh Padhi from Third year won **2nd prize** in industry project competition "**Deep Blue**" organized by Mastek Ltd.
- Radhika K, Riya K, Simran B, Nausheen S, Harsh J, Pinky R, Ruchita Y, Sahil M, Deepesh H from Third year received "**Super Team**" award in industry project competition "Deep Blue" organized by Mastek Ltd.
- Gaurav Sahu from Second Year Information Technology qualified to the final round of **SEED IT Idol 2018**.
- **3rd place** bagged by Suraj Pawar, Sagar Ahuja, Raaj Raisinghani, Vipul Kithani our Third year students at the college level **Looking Beyond Syllabus** competition.
- Ujala Jha from Second year Information Technology and Vishal Israni from third year Information Technology were awarded the **Student of the Year** by the ISTE VESIT Chapter.

STUDENTS' CORNER

Departmental Activities

Smart India Hackathon 2018

In order to work towards our PM's vision, MHRD, All India Council for Technical Education (AICTE), Inter Institutional Inclusive Innovation Center (i4C), and Persistent Systems organized the Smart India Hackathon contest, a unique initiative to identify new and disruptive digital technology innovations for solving the challenges faced by our country.

This year from our institute 30 teams had registered and 6 teams qualified to the finals, out of which 3 groups were from our third year student group.



The participants were as follows

Team 1: Bhavika Shahani ,Sagar Ganiga, Shravan Jain, Murlidhar Sharma, Mishall Swain from third year and Ujala Jha from second year.

Team 2: Saish Mohare , Varun Rathi, Om Uparkar , Vijay Sahani, Raaj Raisinghani from third year.

Team 3: Riya Karia ,Nausheen Sayed, Harsh Jain, Vishal Israni, Abid Inamdar from third year.

It is a proud moment for the department that Team 1 students won the 2nd prize in the Ministry of Skill Development & Entrepreneurship at Bhubaneshwar and Team 3 was awarded the Persistent system Innovation award from AICTE at New Delhi.



SEED IT Idol 2018

The ninth edition of 'SEED IT Idol, Pune - 2018' was organized by SEED Infotech Ltd in association with Savitribai Phule Pune University to test computer skills of the students. The second and third year students of the department had participated in the contest. Ujala Jha , Raj S Madheshia and Gaurav Sahu from second year, and Kaushal Bhogale and Adhesh Juvekar from third year qualified for the 2nd round. After the 2nd round Gaurav Sahu qualified to the 3rd (finale) round.

Technology Day 2018



As every year the Technology Day was celebrated in the department on the 20th of March 2018 in memory of our trustee Shri K. B. Mansharaman. The department had organized a project competition among third year students. Mr Mayank Kothari from Atto Infotech was called for evaluation of the projects. Total 20 groups from third year had participated in the competition. Two senior professors Mr. Manoj Sabnis and Dr. Shanta Sondur have also evaluated all the projects of third year. Head of the Department Dr. Shalu Chopra had reviewed the projects and given expert advise too.

STUDENTS' CORNER

Cloudera Academic Partnership (CAP)

Cloudera - VESIT Collaboration for big data Hadoop training was conducted from 6th September 2017 to 19th January 2018. The course included topics on basics of Hadoop 2.0, its ecosystem, and components, Hive, Sqoop, Flume and Spark. The lab was conducted on the Virtual machine provided by Cloudera. The course was attended by final year students of the department



Deep Blue

An Industry Project competition "Deep Blue" organized by Mastek Ltd. was conducted from 22nd August, 2017 to 18th February, 2018. Project exhibition of students from various college was held in K. J. Somaiya Institute of Engineering and Information Technology, Sion. Kaushal Bhogle, Adheesh Juvekar and Ashutosh Padhi from TE (IT) won 2nd prize in the competition. Radhika K, Riya K, Simran B, Nausheen S, Harsh J, Pinky R, Ruchita Y, Sahil M, Deepesh H from third year received "Super Team" award in the competition.

Oracle Academy - Oracle Certification

ORACLE being a software platform allows several courses suited to our curriculum with in depth study. VESIT proudly announced the collaboration with ORACLE Academy to provide Certification Courses in the field of Database systems and programming languages.

32 students registered for the course. The exam was conducted on 19th April 2018.



Visit to Alok Industries



Students of third year visited Alok Industries Limited and Bombay Rayon Fashions Limited on Industrial Visit to Silvassa. They visited Bombay Rayon on the first day of the trip i.e. 6th January 2017 and Alok Industries on the third day i.e. 8th January 2018. The students learned about the process of weaving of cloth and how it is converted from yarn to fabric or cloth and how technology is aligned in the process. Mrs Roopkala Ravindran the department Industrial visit incharge and Mrs Asha Bharambe accompanied the students.

STUDENTS' CORNER

Seminars Conducted

Adoption of Digital Technology in Industry



An industrial session on Oracle was conducted to expose its students to growing innovation in industry and importance of technological innovation in market.

The guest speaker for this session was Mrs Divya Singhal from L&T Infotech on the 24th February 2018. Students were introduced to the fact that the world is going to digitize more and more with time and technologies like AI, Block chain which are few of the most trending ones. Different case studies all focusing on how technology can be used to solve real life problem faced by society. The session portrayed how different genre of engineering including IOT, IT, Mechanical etc come together and blend to form a technology.

Google Crowdsourcing Session

The Google CrowdSource Seminar, held on the 5th March 2018 by Google Crowd Source Community (GCC) Mumbai focused mainly on what the community is all about and how VESIT students can be part of this community by contributing online to the community. Along with this the seminar gave an inquisitive information about various meetups, seminars that take place throughout the year by this community under the guidance of Google Developers Group, Mumbai. The event was hosted by Mr. Ali Mustafa, Chief Technical Officer, Students Connect & Google Crowd Source Mumbai, POC.



Placement Session By Seniors

An interaction session between seniors and juniors was conducted and organized by Rahul Shetty, Rajeevkumar Yadav, Jayesh Nagpal, Punit Kulal and Pooja Singh from final year. These are amongst the ones who got placed in dream companies giving guidelines to students regarding interview process and experiences.

Entrepreneurship Initiative

A talk on "Entrepreneurship Initiative" was conducted by Dr. Aniruddha Joshi for second and third year students of our department on 17th March 2018. Dr Joshi is a Doctorate in Computer Science from IIT Bombay. His specialization is in Data Analysis and Machine Learning .

Dr. Aniruddha Joshi shared his entrepreneurship journey towards setting up his company Atreya Innovations Pvt. Ltd. He encouraged students to think out of the box and think of applications that would make life simpler. He also guided students and gave them idea for their final year projects.



Winter School

Two week session on "Project Based Learning" was conducted for second year students from 21st December 2017 to 4th January 2018 as a part of Winter School programme. Students were introduced to Web programming using PHP. Later on, students developed a small project. The sessions were conducted by Rajeev Yadav of final year under the guidance of Mr Parth Chandarana

STUDENTS' CORNER

SEL: Regression Techniques



A hands-on session on “Regression Techniques” was conducted for the students of the third year by Mrs. Asha Bharambe on 26th March 2018. The session was delivered by Mr Krishna Kumar Maurya, Director, BIGIOTA Analytics.

The 3hr hands-on session started with the introduction of data mining and what is regression. It focused on the difference between classification and regression and then covered on linear regression. The concepts of logistic regression and its variation were introduced. The speaker demonstrated a case study on housing price prediction and explained all the steps to build a model for the same using Jupyter Notebook. The code demonstrated steps in data visualization, data pre-processing, model building, and model evaluation.

Workshops Conducted

Secure Software Development

Security is a major aspect of business competition today. Keeping the need of the hour in mind, a workshop on developing a secure software titled “Secure Software Development” was conducted for the students of the department.

The workshop was conducted by Mr Nayab Falke, Assistant Manager, Clearing Corporation of India Ltd. (CCIL) on 20th July 2017 and 9th September 2017.



Microsoft Certification Course- Cyber Security

VESIT has recently signed up an MOU with ATS learning solutions for facilitating Microsoft certifications and arranging short term skill development workshops on Cross Platform Mobile Application Development, Internet of Things, and Cyber Security. As a part of the program 26 IT students got trained on Cyber Security. The workshop was conducted on 29th, 30th and 31st of March 2018.



STUDENT'S CORNER

Tians in Student's Council

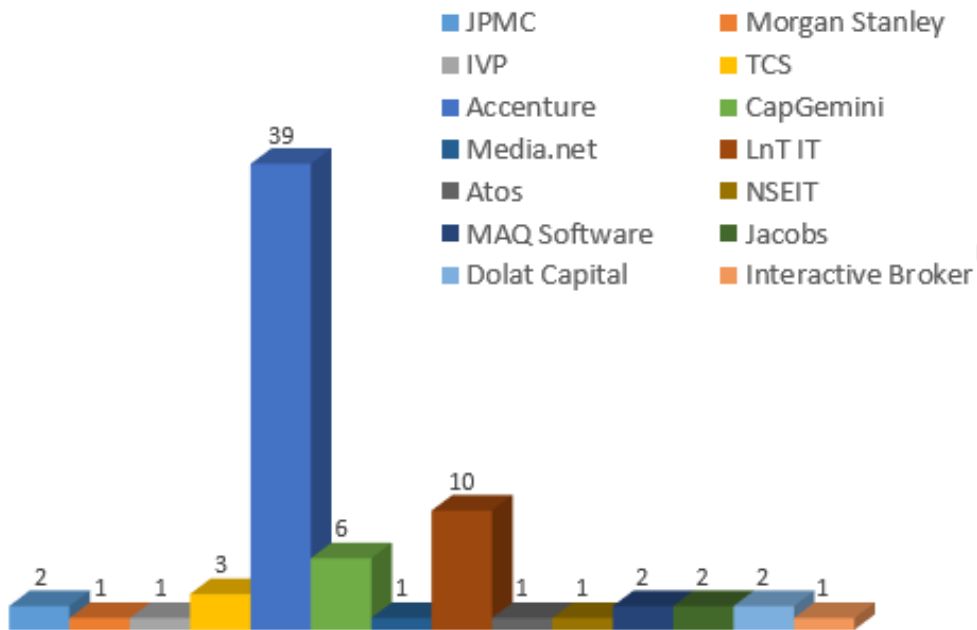
- Shreya Jangale from third year was the SORT Secretary.
- Sagar Ganiga from third year was the Secretary, tVEC (E-CELL) Council.
- Anjali Jaisinghani from fourth year was the B. E. Core committee ISTE , Student Chapter, VESIT.
- Murlidhar Sharma from third year was the Operations Secretary ISTE , Student Chapter, VESIT.
- Vishal Israni of third year was the Cultural Deputy Secretary.
- Harsh Jain of third year was the Sports Deputy Secretary.
- Bhavika Shahani from third year was the Operations officers ISTE , Student Chapter, VESIT.
- Jenika Dhawan from third year was the Senior PRO CSI , Student Chapter, VESIT.
- Anchal Lalwani, Vipul Kithani of third year were the Public Relations officer, ISTE , Student Chapter, VESIT.
- Riya Agrawal, Diya Wadhvani, Juyee Sabade from second year were in the Junior PRO's CSI , VESIT.
- Puja Bathija from third year was the Senior Deputies tVEC (E-CELL) Council.
- Ujala Jha from second year was the junior Deputies tVEC (E-CELL) Council.
- Sahil Sadhwani from second year was in the Jr. Operational officers CSI , Student Chapter, VESIT.
- Gaurav Sahu, Deeksha Shetty, Rekha Gupta, Himanshu Chandnani of second year ISTE, Student Chapter, VESIT.
- Sahil Mirchandani from third year is a member of Junior Executive Cell, IEEE, Student Chapter, VESIT.
- Jayesh Nagpal from final year was the member of Executive Committee CSI , Student Chapter, VESIT.
- Rajeevkumar Yadav from final year was the event head of Hackathon in Praxis this year.
- Mishall Swain from third year was the event head of Robo-Soccer in Praxis.
- Jackie Hinduja from third year was the event head of AquaBot in Praxis

Internships

- Milan Hazra and Walsh Fernandes from Second year working as an intern in Aahansh foundation in Colaba as a frontend and backend django developer. They were selected through internship mela organized by E-Cell
- Gaurav Sahu from second year interned at Simple Logic for 6 months .
- Gayatri Vyankatesh Belapurkar, Rekha Gupta, Khushboo Chandnani, Sumeet Kalra, Aniket Sunil Shinde, Deeksha, Jalaj Limaye, Walsh Fernandes, Neha Mahesha, Nikita Talreja, Ujala Jha, Seema, Shyam Rochlani, Muskan Valecha from second year interned in VRC, VESIT.
- Sneha Roundhal from third year interned at Intern Theory Career Solutions LLP.
- Inderjeet Saluja, Manisha Udasi, Nisha Khubchandani from third year interned at BPCL.
- Saish Yogendra Mohare from third year interned at Nuclei Technologies.
- Siddhant Kulkarni, Bhavika Adnani, Suraj Bhat, Harsh Achara, Yash Hemnani and Mayank Agrawal, Rachna Bahrani from third year interned at Applab.
- Vishal Israni, Harsh Jain, Aishwarya Bhavsar from third year and Gaurav Sahu from Second Year interned at Aduera.
- Shreya Jangale from third year interned at Bucket Bolt.
- Vaibhav Goyal from final year interned at RailTel.
- Krima Shah, Ashraf Hussain Sayyed, Sumeet Sapla from final year interned at VRC, VESIT.
- Ahuja Jitesh, Jayesh Motwani from final year interned at Applab.
- Radhika Raghuwanshi from final year interned at Netlink.
- Sonia Chhabria from final year interned at Solar Education.
- Aniket Nighot, Vaibhav Ramdas from final year interned at Suven Consultants & Technology Pvt. Ltd.
- Saurabh Tripathi from final year interned at Revolo InfoTech.

STUDENTS' CORNER

Placements



63 students out of 78 have been placed by campus placement process, with 72 jobs offered . Their statistics are shown above



STUDENTS' CORNER



Departmental Ranker

SE Ranker



TE Ranker



BE Ranker



STUDENT'S CORNER

Memory Boxes

Dynamic D20



Superactive D15



Frisky D10



TEACHERS' CORNER

Publications

- Dr. Shanta Sondur, "3D Face Generation from Sketch Using ASM And 3DMM" ,2018 International Conference on Advances in Communication and Computing Technology (ICACCT), ISBN- 978-1-5386-0926- 2/18/\$31.00 ©2018 IEEE.
- Mrs Asha Bharambe, "Dengue Outbreak Prediction Using Data Mining Techniques", IEEE International Conference on Electrical, Electronics, Computers, Communication, Technical and Computing (EECCMC), 28-29 Jan 2018, ISSN:978-1- 5386-4304- 4.
- Mr. Manoj Sabnis, "Driverless Automation Vehicle", International Journal Of Engg Science and computing (IJESC), Vol 8, Issue 4 April 2018, ISSN:2250-1371.
- Mr. Manoj Sabnis, "Prevention of Phishing attack on online voting system", International Journal Of Engg Science and computing (IJESC), Vol 8, Issue 4 April 2018, ISSN:2250:1371.
- Mrs. Smita Jangale, "Canteen Management System using E-Wallet", International Journal Of Advanced Research, Ideas and Innovations in Technology, Vol 4, Issue 2 April 2018, ISSN:2454-132X.
- Mrs. Asma Parveen "Greedy Search and Pruning Based Sports Management", International Journal Of Engg Science and computing (IJESC), Vol 8, Issue 4 April 2018, ISSN: 2250-1371.
- Pooja Shetty, "The Nearby Advisor",International Journal of Engineering Science and Computing, April 2018, ISSN 2321 3361 © 2018 IJESC

Workshop/ Courses Attended

- Dr. Shalu Chopra attended a session on Accenture Learning Symposium conducted by Accenture on the 5th and 6th February 2018.
- Dr. Shalu Chopra and Mrs Jayshree Hajgude attended a day session on Remote Sensing and GIS in Rural Agriculture Development organized by Don Bosco Institute of Technology, 22nd and 23rd September 2017.
- Dr. Vijayalakshmi M., Dr. Shalu Chopra and Mrs Charusheela Nehete participated in NPTEL online courses.
- Mr Manoj Sabnis attended STTP on Cloud Computing and Security organised by Terna Engineering College from 2nd to 6th January 2018.
- Mrs Charusheela Nehete and Mrs Vidya Pujari attended a week long workshop- Industrial Python Programming at A.C. Patil COE, Kharghar From 20th to 25th November 2017.
- Mrs Jayshree Hajgude attended the ISTE Approved STTP on "Machine Learning" organised by Father Agnel College of Engineering, Vashi, from 2nd to 6th January 2018.
- Mrs. Asma Parveen attended workshop on IoT by Microsoft at VESIT from 29th to 31st of March.

TEACHERS' CORNER

Conferences Attended

- Dr Shalu Chopra, "Enhanced and Resilient Watermarking Technique for Non-Numerical Relational Data", 4th International Conference on "Innovation and Research in Technology and Engineering" ICIRTE-2017, 26th October 2017.
- Dr Shalu Chopra, "Privacy Preserving Using Anonymization and Perturbation in Classification", International Conference on Innovation and Sustainable Development in Sciences, Management and Technology, 25-26 March 2017.
- Dr Shanta Sondur, "Design of State Feedback Control and Implicit Dynamic Decoupling of MIMO System using Coefficient Diagram Method ", Third IFAC International Conference on Advances in Control and Optimization of Dynamical Systems, February 18-22, 2018.
- Dr. Shanta Sondur, "Study On 3D Face Reconstruction Of Sketch Using Active Shape Modeling", IJIRCCE, Vol. 5, Issue 2, February 2017, ISSN: 2320-9801.
- Mrs Asha Bharambe attended an online conference AWS Conference on the 22th February 2018 on Machine learning.

Events Conducted

- A hands-on session on "Deep Learning" was conducted by Ms Akshaya Chandorkar on 15th February 2018 under the Research Forum.
- A session on "Role of Technology Adaptation for Financial Inclusion" was conducted by Dr Shalu Chopra on 21 February 2018 under Research Forum.
- Asha Bharambe has been recognized as mentor in Deep Blue project competition.



- Mr. Manoj Sabnis, Mr. Amit Singh, Mrs. Asha Bharambe and Mr. Parth Chandrana were recognized as a mentor for Smart India Hackathon 2018.
- Mrs. Roopkala Ravindran and Mr. Parth Chandrana organized the Technology day.
- Mrs. Jayashree Hajgude organised the Oracle Academy Certification Program.
- Mrs. Pooja Shetty organised the online tests for Spoken Tutorial
- Mrs Pooja Shetty organised the workshop on Secure Software Development.

ALUMNI VOICE



Nidhi Shah
Software Engineer
JP Morgan Chase
2016-2017 Passout

I have completed my bachelors in engineering from Information technology. My journey throughout 3 years with Information technology was amazing because of savant professors and courteous non teaching staff. IT department not only dives into deep understanding of concepts but also provides extended support to their students to develop overall personality. IT department is blessed with Professors who are always ready to help and encourage students to participate in various extra curricular activities along with their studies. IT department's initiative to connect current students with their alumni is excellent as it helps pursuing students in many ways. IT department has well equipped labs and accessories which helps students to carry out lab work efficiently. Last but not the least IT department is blessed with professors who are friendly and believes in every student has potential which creates positive environment and encourages students to ask doubts and do something new. I would like to quote example from my class itself. I had classmate who will be silent all the time. Professors visiting my class encouraged him always to speak and some of them carried one-one sessions with him, to help him interact and socialize. I consider myself lucky that I graduated from Information technology department of VESIT.

It is now a 5-year old memory since the day I last walked out of the hallowed gates at VESIT; but it still seems so much to be a part of my personality, of what I am today. When I look back and try to gauge the most valuable thing that I got out of those 4 years, the one thing that comes to mind are the relationships I built during my time there. My bunch of mad-cap, die hard friends from the IT department who are an integral part of my life even today, my peers from other departments with whom I worked relentlessly during my stint with CSI, and finally, the faculty that takes pride in what each of us, who graduate from VESIT, achieve in life. While the technology skills you "try" to gain during your 4 years are undoubtedly important, what you make of yourself as a student and as a person will define how you tread your way through the industry. So, my only piece of advice would be to try to build a 'profile'; instead of just focusing on the OOPS concepts :). Don't push yourself to say "I want to do analytics" because you 'think' it's cool. Try to research and reach out to people in the industry to understand what's hot and what's not.



Roshan Amin
Technology Strategy Consultant
Deloitte Consulting LLP
2012-2013 Passout

GRADUATION DAY



The 3rd convocation was held on the 17th March 2018 to award the degree certificates to the bachelors of 2017 Batch . It was a special one for it was the first time that the ceremony was celebrated at the departmental level and also the guest of honor for the event was the departments alumni first batch pass-out Mr. Aniruddha Joshi, founder and CEO of Atreya. The event witness 60 students and all the department staff members.

Editorial Team

Mrs. Asha Bharambe

Mrs. Pooja Shetty

Mr. Vaibav Goyal (D20)

Mr. Inderjeet S., Ms. Nisha K., Ms. Manisha U. (D15)

Mr. Rajpreet B., Ms. Ruchika M., Mr. Chirag B. (D10)

"Unity is strength... when there is teamwork and collaboration, wonderful things can be achieved".