



इत्युक्ता
ITYUKTA

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From The Editors' Desk

'ITYukta' Newsletter is a snapshot of the various activities and advancements of all associated with the Department of Information Technology. This newsletter will serve to reinforce and allow increased awareness, improved interaction and integration among all of us. Usually we fail to appreciate the good deeds of many people and activities that happen around us as we are engaged in our own assumptions.

Welcome to the 12th issue of the biannual newsletter of the Department of Information Technology. We take the opportunity to thank all the contributors as their contribution is the reason that makes this newsletter endearing to our readers.

Helen Keller rightly says that "The world is moved along not only by the mighty shoves of its heroes, but also by the aggregate of the tiny pushes of each honest worker." We heartily wish all the readers our best wishes and hope this newsletter will update you with the events of the Department. Happy Reading!!!

From The Professor's Desk

"As a Student, what should I be aspiring for?"

I was about 15, when I asked this question to the Guest of Honour, in a Common Gathering. The Gentleman said "A student should be aspiring for 3Ps : Peace, Progress and Prosperity." I find that these 3Ps are and should be the perpetual aspiration of any human being, and the same could be the takeaway from this message.

A few critical comments must be added though:

- 1) These 3Ps must not be mixed up with 'being rich'.
- 2) Peace is attained when you are in a position to, you wish to and when you do help others.
- 3) Prosperity is having more than what you 'need'. Needs of human beings are very limited, unless one is confused or is externally influenced.
- 4) Progress is the key to Peace and Prosperity, and thereby way to a successful life.

I would like to quote the following message from Swami Vivekananda, which crisply states how to 'Progress' and be Successful. While these words are very easy to understand, practically only the 'successful' people have followed it so far. I hope and pray that, most of you, do follow the suggestion of the great man.



Amit Singh
(Assistant Professor)

"Take up one idea. Make that one idea your life - think of it, dream of it, live on that idea. Let the brain, muscles, nerves, every part of your body, be full of that idea, and just leave every other idea alone. This is the way to success."

- Swami Vivekananda

Highlights

- Department of Information Technology has been recognised as **Knowledge Partner** by MCGM and Launch of **Project Swechchha** - 'ITeS based Operation and Maintenance Monitoring System' for the Community Toilet (CT) and Public Toilet (PT) .
- Team SPARX -Khushboo Chandanani, Ujala Jha, Juyee Sabade, Ruchika Motwani, Sanjay Janyani, Sahil Sadhwani of fourth year were the winners at the Grand Finale of **Smart India Hackathon 2020**.
- Three Student Team received **Microsoft AI for Earth Grant**.

Departmental Activities

Launching Project 'स्वेच्छा'

Project **स्वेच्छा** (Swechchha), an 'ITeS based Operation and Maintenance Monitoring System' for the Community Toilet (CT) and Public Toilet (PT) blocks in M-east ward of Mumbai was launched on 1st of October 2020. The Project is a tribute to Rashtrapita Mahatma Gandhi and his mission Swachha Bharat. Project **स्वेच्छा** (Swechchha) is collaborated with Municipal Corporation of Greater Mumbai (MCGM) as a Knowledge Partner and Star Union Dai-ichi Life Insurance (SUD) as Funding Partner. The project would contribute to the Swachh Bharat Mission of the Government of India (GOI) and Open Defecation Free (ODF) Mumbai of MCGM. The objective of the project is to bring into accountability and transparency as a component of good governance in sanitation.

Improving sanitation has direct linkages to several socio-economic aspects. Due to lack of cleanliness and hygienic conditions, there is a loss of Rs. 6500 every year to each Indian.



Swechha

Also, the biggest hurdle in promoting tourism is cleanliness because foreign tourists are particular about hygiene and cleanliness of the city. Project aims to provide better sanitation by developing a good system for Operations and Maintenance of CTs and PTs. This will positively affect the health of citizens, help control the spread of pandemic and cleanliness of the city. These factors would indirectly boost Tourism and Indian Economy. The project targets to reach out 5-8 Lakhs of people through the 67 Community Based Organization managed Community Toilets and 47

Public Toilets in M-East ward. The team is led by Dr. M. Vijayalakshmi as Technical Head, Dr. Shanta Sondur as Team Leader, Mr. Amit Singh as Mobile App Head, Mrs. Vinita Mishra as Training Head and Mrs. Pooja Shetty as Web App Head.

Smart India Hackathon 2020

Smart India Hackathon was conducted in an Online mode in August 2020. From the department Team SPARX participated, constituting Khushboo Chandanani, Ujala Jha, Juyee Sabade, Ruchika Motwani, Sanjay Janyani, Sahil Sadhwani from the final year. The team was guided by Mr. Amit Singh and Sridhar Patnaik as an Industrial mentor.



Smart India Hackathon

Smart India Hackathon is a national hackathon where students from various educational institutions work on finding smart and efficient solutions to the provided problem statements. It was held virtually, due to the pandemic situation.

Team SPARX problem statement was given by the Government of Puducherry and was titled Job

Recommendation system. The problem was chosen because there are several factors that prevent students from harnessing their true potential due to various factors such as socio-economic background, peer/parental pressure, lack of guidance, and lack of understanding of their skills. The current metrics of CGPA, certificates are not enough to accurately assess the capability of a student. The team focused on building a platform that identifies the skill set and assesses the capacity of a student with a 360 degree analysis and recommends them the suitable jobs.

The event was conducted over a span of three days. The Team secured first place in their category and were awarded a cash prize of 1 Lakh by the SIH organization.

e-Disha



“e-Disha“, a two week technical event was organized by the Department of Information Technology, VESIT in association with VESIT-IQAC and IIC from 15th July 2020 to 30th July 2020. The event started with a series of webinars which were open for all branches of VESIT.

The first webinar on 15th July was on ‘Placement/Job search’ by our alumni Ms. Nidhi Shah who is currently working as a software developer at Amazon Web Services. This webinar focused on “Tips and Tricks” to crack the job search. On 16th July a webinar on

‘Competitive Programming, ‘How to Handle’ was conducted by Mr. Shaurya Gupta who is currently working with Juspay. This webinar guided the audience on what is competitive coding, how to prepare for it, learning resources, practice resources, when to start giving the contests, what are the different prestigious coding competitions etc. On 17th July, the third webinar on ‘Building Scalable Cloud Services Using Docker’ was conducted by our alumni Sangeetha Krishnan who is currently working as a Computer Scientist at Adobe. In the webinar she demonstrated how to make and deploy the applications using docker. On 20th July, the fourth webinar on ‘Human



Nidhi Shah



Shaurya Gupta

Centered Design Research for Technology in Health’ was conducted by our alumni Ms. Arpita Bhattacharya who is currently a PhD student at University of Washington. This webinar focused on using HCD methods for designing for remote care to support teenagers with stress and depression management. On 21st July, the fifth webinar on ‘Recommendation Systems using AI’ was conducted by Vishal Israni. Software Engineer at J.P. Morgan Chase and Co. This speaker explained the working of recommendation

systems and how industry giants like Youtube, Netflix provides the users with the personal catalogue to which the viewers could relate. On 22nd July, 6th and the last webinar was on ‘Professional Career opportunities after BE’ which was conducted by Mr. Manish Jha, Director of SQUAD Infotech Private LTD. This webinar was about what are the different opportunities after graduation. This webinar provided a breakthrough to the students to pursue their dreams. The Webinar series was followed by quizzes . Two quizzes were conducted for the students of the Department of Information Technology, first quiz on Python was



Arpita Bhattacharya



Vishal Israni

conducted on 23rd July and the second quiz on C was conducted on 24th July. There was a large number of student participation in both the quizzes. Technical Paper Writing competition was conducted from 27th July to 8th August 2020.

An activity “Presentation mastery” was conducted on 30th July. The selected videos of the event were exhibited to all the students and faculties. The second last activity on Android application development was

scheduled on 29th July 2020. The judges presented their views and remarks to the participants.



Sangeetha Krishnan

On 30th July e-Disha technical event were wrapped with the display of “Project e-Exhibition” and “Presentation Mastery” activities and the valedictory speech. The event was well received by the viewer including students and faculty of the department and also from other departments of VESIT.



Manish Jha

V-Reach

V-REACH an Alumni Engagement Initiative was conducted at the Institute level, to provide a forum for a series of webinars covering various domains of learning and support outcome based education and enable knowledge and expertise sharing of alumni for professional development of students. It aimed at actively engaging the stakeholders to expand VESIT’s outreach.

V-REACH tried to unlock the Teaching Learning in an innovative way, through its inception series of 21 webinars commencing from 22nd June 2020 to 12th July 2020, which was streamed on VESIT-YouTube channel.

The Department hosted 3 events.



Anvay Agte

Event 1 - “MS, M-Tech or MBA?”

Speaker: Anvay Agte, MS, Trinity Business School, Ireland

Thursday, 2 July 2020. 5:00-6:30 pm

Batch: 2015

Event 2 - “Financial Planning and Role of Equity Investing”

Speaker: Nikunj Gala, Equity Research Analyst , Principal Asset Management Private Ltd.

Friday, 10 July 2020. 5:00-6:30 pm

Batch: 2010



Nikunj Gala



Mayank Kothari

Event 3 - “Risk Analysis and Beyond Failure”

Speaker: Mayank Kothari, CEO and Founder, ATTO Infotech LLP

Saturday, 11 July 2020. 5:00-6:30 pm

Batch: 2010

Coursera

Coursera.org offers Massive Open Online Courses (MOOC), specializations, degrees, professional and master track courses. In its Coronavirus Response Initiative' program Coursera offered a lot of free courses to students and faculty members from all the interested universities and other academic Institutes.

VESIT enrolled for the program looking at the benefits which the students may avail from this program. VESIT Renaissance Cell was given the responsibility of coordinating for the same.

A set of Coursera courses were identified by all the departments as a recommendation for the students. Students were supposed to utilize the lockdown period to finish with a minimum of three courses from the recommendation list. Once finished with these three courses, students had the freedom to join any other course of their choice. The opportunity was well received by the students and faculty members.

web-link : <https://www.coursera.org/programs/ves-institute-of-technology-on-coursera-jvo5a>

LBS

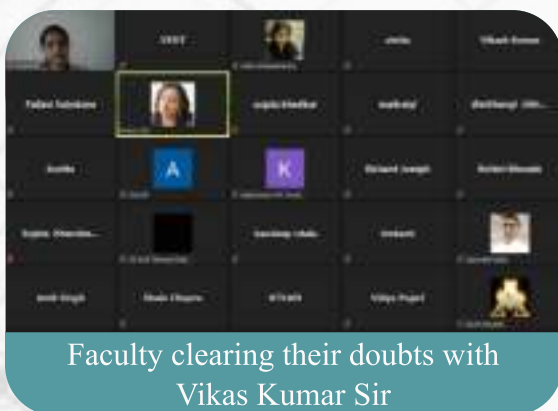
LBS Championship is an Institute level competition with the purpose of motivating students to come up with new project ideas, which can be converted into real time applications or products. For the current academic year out of the 8 teams participating from the department, 4 teams are selected as the finalists. Team of Megha Shahri, Hitesh Dhameja, Anmol Rohra of third year having project title Social Welfare Website, the second team consisting of Rutuja Rajhans, Anuja Shetye, Shikha Masurkar and Monika Dere of third year with project titled Healthcare Application. The third team with Sakshi Gattani, Siddhi Mudras and Aditi Singh of second year division A with project titled Credit Card Fraud Detection and Jayesh Kriplani of third year with the project title Poacher detection were selected. The teams are expected to demonstrate working model of their proposal by the end of the academic year.

FDP on Research Directions in Security and Computational Intelligence.

Department of Computer Engineering, Information Technology and Masters of Computer Applications in association with CSI-VESIT, VESIT-Internal Quality Assurance Cell(IQAC) and VESIT-Institution's Innovation Council(IIC) conducted a National level six day Online Faculty Development Program on Research Directions in Security and Computational Intelligence from 3rd August to 8th August 2020. This program was organized with the aim of guiding its faculty towards different avenues of research in Security, Blockchain, AI, Neural network, Fuzzy Logic, methodologies of teaching learning process and Online tools. Scientific and Professional Research has revolutionized over the years the field of Information Technology, Computer Engineering and Computer Applications. Conduction of research in multiple fields of Computational Intelligence presents a variety of ideas and products benefitting a majority of experts, entrepreneurs and even government organisations.



Dr. Sharvari Tamhane explaining branches of AI



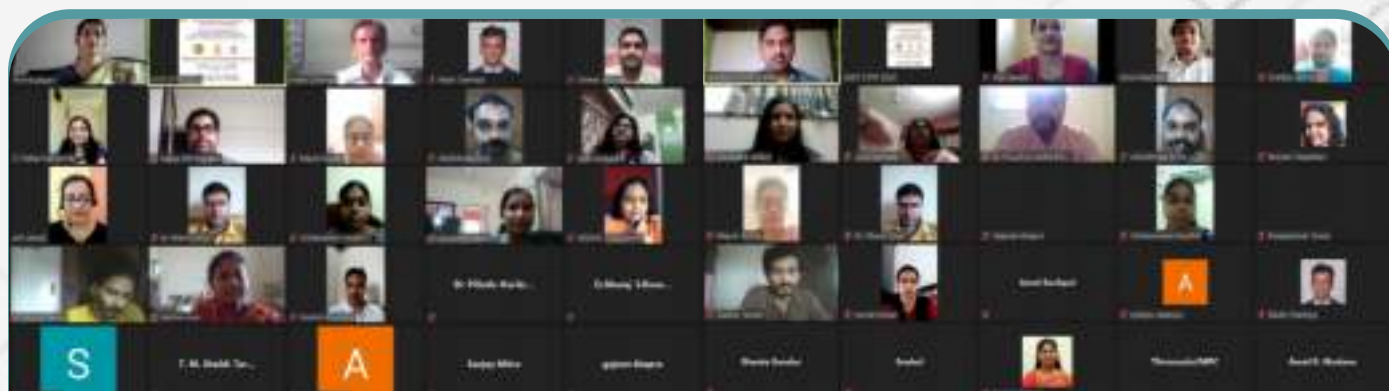
Faculty clearing their doubts with Vikas Kumar Sir

The event started with Keynote speaker Mr. Pradeep Rathi, Regional Vice President Zone-6 MH & Goa, CSI followed by other eminent speakers Prof. (Dr.) Ratnadeep Deshmukh, Head CS & IT, BAMU, Dr. Mani Kumar, NJIT, USA, Mr. Ravindra Muddinagiri, VP(Engineering), Network Marvels, Mr. Arup Vithal, VP(D&AB), HCL, Texas, USA, Dr. Shashidhar, Bennett university, Prof. (Dr.) Seyed M. Buhari, KAU, Saudi Arabia and many more.

Green IoT

The second phase of the AICTE sponsored Online training program on Green Internet of Things was organized by Department of Electronics and Telecommunication Engineering, in collaboration with departments of Computer Engineering, Information Technology, and Master of Computer Applications, in association with IQAC and IIC, Vivekanand Education Society's Institute of Technology for enhancing skills of faculties and scholars of engineering colleges in the domain of IoT and its initiatives towards Green Technology from 23rd to 28th November 2020.

The buzzword, Internet of Things (IoT) is a system of interconnected devices or sensors over the internet that is growing exponentially due to demand for smart consumer appliances, wearable devices, smart home, industrial devices and cloud services. This has opened up new challenges and research majorly in managing the energy resources for IoT, devices and improving energy efficiency by various means.



Short term training program on Green IOT

'Green IoT' is the initiative and concept motivated by achieving a low power consumption IoT. Green IoT is possible by using ultra low power consumption hardware, software algorithms and protocols to minimize power consumption, using unconventional energy resources, Smart grids, designing IoT itself for minimizing power consumption.

The training program introduced various concepts, theory, and practical demonstrations on IoT and Green initiatives to IoT. The eminent speakers and practitioners from academia and industries conducted the sessions and gave demonstrations to motivate the participants to undertake interesting and innovative ideas. The program helped to explore research avenues in the domain of IoT and Green IoT through the effective discussion during the training program on 'Green Internet of Things'.

Expert Talk on Artificial Intelligence

On the 7th Nov 2020 an expert talk on Artificial Intelligence was organized for the students of final and third year of the department. The resource person for the session was Dr. Ramanathan, Senior Vice President, Capgemini. He introduced key concepts on artificial intelligence, defining critical terms, capabilities, key concepts of Artificial Intelligence and basic algorithms. His current real life examples made the concepts very clear to the audience and so was very well received by them.

Joyful Living

A session titled "Joyful Living" was conducted for the students of the Department by Ms. Piya Mukherjee, Founder-Director-VES Leadership Academy and Research Centre (VESLARC) to encourage everyone on adapting the art of joyful living in one's own life and lead a joyous life of one's own and also be the source of joy all around us!

The session starts with a quick discussion on the "toxic positivity syndrome" which means a "good vibes only" approach to life. Students are asked to identify their stressors and made aware of how it is important to not fake one's emotions towards positivity. Short-term activities and long-term attitudinal shifts are then to transform the existing mode of living. Finally, what commitments one can make for a better well-being and mental health.



The key takeaways of the session were

- We seek to find happiness only when we reach a certain goal but forget to enjoy the journey towards the same. You can be happy during the journey, not just on reaching the destination.
- A perfect life is a myth! An imperfect life is what makes our life worth living.
- We can't control the hardships but we can control how we react to get through them.
- Plan your day, it will definitely make your efforts productive
- Self-acceptance is really important for peace of mind.
- Emotion management like in anger we should observe and breathe
- When in sadness, just resolve and accept.

Student's Corner

Students' Achievements

- Sumedh Ghavat and Harshita Singh of fourth year won the Kakushin Nomura Hackathon.
- Narayani Patil, Mitali Ranawat and Shubham Kelkar received Microdoft AI for Earth Grant for their Project AI Powered Agriculture.
- Sumedh Ghavat, Parth Kodnani and Harshita Singh received Microsoft AI for Earth Grant for Land Use and Land Cover Classification Using Satellite Images.
- Aishwarya Nair, Shivani Patil, Mahesh Keswani, Hitesh Ochani , Rahul Kanwal, Sanket Mahale received Microsoft AI for Earth Grant for their Project on Forest Fire Prediction.
- Hitesh Dhameja and Megha Shahri of third year have secured first position in Ideathon 2020 organized by RAIT on 31st October 2020.
- Himanshu Pingulkar and Yash Gurnani and Kartik Chindarkar of fourth year have secured 3rd place in LBS E-exhibition held on 15th and 16th July 2020 organized by VESIT IIC.
- Anurag Dash, Nagesh Nayak, SherAli Shaikh, Shlesha Odhekar, Akash Maurya, Srajan Shetty, Devdatta Khoche, Aniket Gupta, Rishika Shivnani and Dharkan Mohinani of third year have participated in PROJECT DEEP BLUE organised by Mastek- Majesco and reached the semi-finals.
- Himanshu Pingulkar of fourth year participated in Project code 2.0 organized by KJSIT in collaboration with CodeChef.
- Yash Gurnani of fourth year participated in the IBM hack challenge 2020 conducted by IBM India University Relation.
- Ritu Kalyani of third year participated in Ideathon 2020 organized by RAIT on 31st October 2020.
- Manju Paryani, Ravi Shankar and Harsh Jain of third year have participated in PROJECT DEEP BLUE organized by Mastek- Majesco.
- Dharkan Mohinani of third year has successfully cleared the Hackerrank's assessment of Python (Basic) skill on 23rd July 2020.
- Aaryan Raina of third year participated in an Online Ethical Hacking competition organised by Vidyalkar Institute of Technology on 10th October 2020.
- Fayzaan Qureshi, Pooja Prasad and Sapna Patwa of third year have secured the first position in the Code for Change Hackathon organized by Codecell VESIT.
- Himanshu Pingulkar of fourth year passed the Online Python Quiz in e-Disha event conducted by VESIT IT department .
- Hemkesh Raina, Sahil Sidhani, Aaryan Raina of third year have passed the Online Python Quiz in e-Disha event conducted by VESIT IT department.
- Vinay Bhagtani of second year division-B has started a travel agency Mahadev Travels.
- Sarvagya Khajuria of second year division-B has started a music record label SKUID RECORDS.
- Ninad Rao of second Year division-A participated in Ekasutram the Mathematical Treasure hunt organised by the Mathematics club of VIT(Pune).
- Isha Dattaram Gawde of second year division-A qualified the Round One of National Engineering Olympiad 3.0.
- Aamir Ansari and Isha Gawde of second year division-A secured the first place in the Elucimate Competition held by ISA-VESIT.
- Aditi Singh of second year division-A secured the third place in Elucimate competition conducted by ISA-VESIT and had participated in the E-Hardware Hackathon conducted by ISA-VESIT
- V Krishna Subramaniam of second year division-A secured the first position in Nirvana PPT presentation competition in the INVINCIA' 20 event organised by the VESIT Student Council.
- Sristi Sharma of second year division-B secured third position in Nirvana conducted by the VESIT Student Council and 1st position in Pundemic conducted by VesLit circle
- Abhishek Chary of second year division-B secured first position in the Chess for Charity event in INVINCIA' 20 organised by the VESIT Student Council. .

- Ninad Rao, Aamir Ansari, Aditi Singh and Shilpa Tholar of second year division-A participated in the Code for Change Hackathon organised by the VESIT Student Council.
- Sristi Sharma of second year division-B secured third position in Fandom Buzz in INVINCIA '20 organised by the VESIT Student Council.
- Nidhi Thakkar of second year division-A participated in Code Overload Competition conducted by Thakur College of Engineering and Technology.
- Prasanna Shridharan, Ninad Rao and Rahul Nailwal of second Year division-A participated in nirvana PPT presentation competition in the INVINCIA' 20 event organised by the VESIT Student Council.
- Jisha Anna Philip of second year division-A participated in the Vishwakarma Premiere League held by VIT Pune on 7th & 8th November 2020.
- Siddhi Umesh Mudras, Prasanna Shridharan, Mayur Chaudhari and Sakshi Kharche of second year division-A participated in the Test your C skills competition in e-Disha held IT department in association with IIC-VESIT.
- Sakshi Lalwani and Namrata Kataria of second year division-A participated in Mix-n-Mingle event in INVINCIA' 20 organised by the VESIT Student Council.
- Aastha Bohra of second year division-A participated in the poster making competition in INVINCIA '20 organised by the VESIT Student Council.
- Siddhi Mudras of second year division-A participated in Scientia competition conducted by the Department of Humanities and Science, VESIT.

Internships

- Himanshu Pingulkar of fourth year interned as Project Intern at Foxmula for two months from May to June 2020.
- Hemantkumar Yadav of third year interned as Web Developer at JDMR ISchool Pvt Ltd for two months from June 2020.
- Laveena Punjabi, Anish Verliani, Parth Kalbag, Ritu Kalyani, Divya Kukreja, Ritik Wadhwani, Bhavesh Bhatia and Vinay Ludhrani of third year interned as Web Developer at Sparks Foundation in the month of October 2020.
- Sahil Chawla of third year interned as Graphic Designer at Xpertup Technology for four months from June 2020.
- Anushree Rege of third year has done an internship as Project Manager at Wipro in the month of June 2020.
- Anurag Dash of third year interned as Software Developer at SBI for 8 weeks starting in June 2020.
- Soham Patkar of third year interned as Web and Data Science intern at S3 infosoft for 3 months from July 2020.
- Sameer Keswani of third year has done a Machine Learning internship at Threat Prism for a month in September 2020.
- Parth Kalbag interned as MERN stack web developer at Chattel Technologies for a month in July 2020.
- Hitesh Dhameja of third year interned as Web developer at Hellbent Software and Educational Services LLP for 2 months from October 2020.
- Hemkesh Raina of third year interned as Video Editor at Leverage Edu for a month in December 2020.
- Sameer Keswani of third year has completed Machine Learning internship by Innovidu for a month in September-October 2020.
- Omkar Parker of third year interned at CocoonIT Services Pvt Ltd at the Sales department.
- Omkar Parker of third year interned as intern in ERP department at Acxiom Consulting for a month in December 2020.
- Ajay Prakash Kachhela of second year division-A interned as a front end developer at VESIT Renaissance Cell for 2 months from 17th May 2020.
- Isha Dattaram Gawde of second year A division interned as a Graphic Designer at Digital

Communications Avenue for 5 days from 7th September 2020.

- Abhishek Chary of second year B division interned as College Sales Representative at SAMSUNG for 6 days from 6th December 2020.
- Sampath Houde of second year B division interned as an Android Developer for SoftFlame Solutions Pvt. Ltd for 2 months from September to November 2020.

Workshops Attended

- Mahesh Keswani of fourth year has participated in an Online Workshop on Microsoft AI classroom series organised by Microsoft and NASSCOM.
- Himashu Pingulkar of fourth year has successfully attended workshop Webinar discussion on Containers and Dockers in Cloud organized by VESIT-IQAC in association with VESIT-IIC held on 7th July 2020.
- Himashu Pingulkar of fourth year has successfully participated in session on a Roadmap to BE final project from introduction to conclusion organized by DBIT held on 1st July 2020.
- Navin Rohra, Anmol Rohra, Aaryan Raina and Vinay Ludhrani of third year attended the Online Workshop on Spotify using Python organized by ISTE-VESIT conducted on 3rd and 4th of October 2020.
- Aniket Gupta of third year has attended a one day workshop on Getting started with AI organized by CodeCell VESIT.
- Namrata Kataria of second Year division-A attended the Node JS Workshop conducted by IEEE-VESIT and the JAVA Appify workshop conducted by CSI-VESIT.
- Namrata Kataria, Sakshi Lalwani, Swarali Patil, Nidhi Thakkar, Sakshi Kharche, Jisha Philip and Mugdha Sholapure attended the Spotify using Python workshop organized by ISTE-VESIT.
- Aditya Dubey of second year division-A attended the workshop on Basics of Python and R Languages organized by Nuclei Tech. on 20th October 2020.
- Swarali Patil of second year division-B attended a workshop on Easiest way to earn pocket money and gain experience on 5th December 2020.
- Nidhi Thakkar of second year division-A attended a workshop on Data Analytics using Python organized by IIC-VESIT in association with Codecell-VESIT.
- Isha Gawde of second year division-A attended a 4 week Training workshop of Excel Automation organized by Internship studio from 3rd August 2020.
- Suraj Moolya, Pranjal Naik, Mangesh Sokalwar, Aarushi Sharma, Shasmita Raveendran and Nupur Jeswani of second year division-B attended the Online workshop on Web Automation conducted by ISA-VESIT on 17th and 18th October 2020.
- Yash Kumthekar, Raghuttam Parvatikar, Sristi Sharma and Hanish Valecha of second year division-B attended the Online workshop on Spotify Using Python organized by ISTE-VESIT conducted on 3rd and 4th October 2020.
- Raghuttam Parvatikar of second year division-B attended the online workshop on PCB Designing with EAGLE conducted by ISA-VESIT on 27th September 2020.
- Aarushi Sharma and Nupur Jeswani of second year division-B attended the Online workshop on Node js conducted by IEEE-VESIT on 22nd November 2020.
- Aarushi Sharma of second year division-B attended an online workshop on Introduction to DevOps and Jenkins organized by Tinkers Codecell on 10th October 2020.
- Nidhi Jain, Nupur Jeswani and Aarushi Sharma of second year division-B attended the JAVA Appify Online workshop conducted by CSI-VESIT on 4th and 5th December 2020.
- Rohit Kundnani and Jayesh Kriplani of third year have attended the Online workshop on Node Js organized by IEEE-VESIT.

Courses Attended

- Aniket Gupta of third year has successfully completed course on Machine Learning and AI using Python organized by Knowledge Solution India.
- Hitesh Dhameja of third year has successfully completed online course on Applied Data Science AI: Scientific Computing and Python from WorldQuant University.
- Sameer Keswani of third year has successfully completed an online course on The Complete 2020 web Development Bootcamp by Angelina Yu on Udemy.
- Vedant Kadam of third year has successfully completed an online course on Core and Advanced Java Development and MySQL with Kamal Sir.
- Soham Patkar, Divya Kukreja and Rishika Shivnani of third year has taken the Full Stack Web Development course on Udemy.
- Parth Kalbag of third year has successfully completed an Online course on Laravel 7 by JuanD MeGon on Udemy.
- Parth Kalbag of third year has successfully completed an Online course on Django Development by Brad Traversy on Udemy.
- Soham Patkar of third year has successfully completed an Online course on Machine Learning on Udemy.
- Tanmay Gavali of second year division-A is currently enrolled in a machine learning course offered by Udemy.
- V Krishna Subramaniam of second year division-A successfully completed an Online 6 week training on web development offered by Internshala.
- Saurabh Borawake of second year division-A successfully completed a Mastering C Programming course offered by Udemy.
- Sakshi Kharche of second year division-A successfully completed an Online course on complete front end web development on Udemy.
- Abhishek Chary of second year division-B is currently enrolled in Forex Trading course on Udemy.
- Sampath Houde of second year division-B has successfully completed Advance CSS,SASS Technologies course on Udemy.
- Vishvardhan Mukku of second year division-B is currently enrolled in Django Framework for Beginners course on Udemy.
- Nupur Jeswani, Nidhi Jain and Aarushi Sharma of second year B division have successfully completed Data Science using Python course on Greyatom.
- Hanish Valecha of second year division-B has successfully completed a course on Web Development on Udemy.
- Sristi Sharma of second year division-B has successfully completed Data Science using Python course on Internshala.
- Pratik Vartak of second year division-B has successfully completed a course about HTML,CSS and JavaScript on Udemy.

ITians in Student's Council

- Prithvi Amin of fourth year is the Chairperson at ISTE VESIT.
- Sparsh Prabhakar of fourth year is the CEO at ISTE VESIT.
- Saurav Jeswani of fourth year is Senior Treasurer at ISTE VESIT.
- Anshul Choudhary of fourth year is the CTO at ISTE VESIT.
- Shubham Darekar of fourth year is Senior Graphics officer at ISTE VESIT.
- Divya Kawana of fourth year is Senior Operations officer at ISTE VESIT.
- Aaryan Raina and Manju Paryani of third year are the Senior Sports Deputy Secretary at VESIT Sports Council
- Shreyas Khadapkar of third year is the Executive Secretary at ISTE-VESIT.

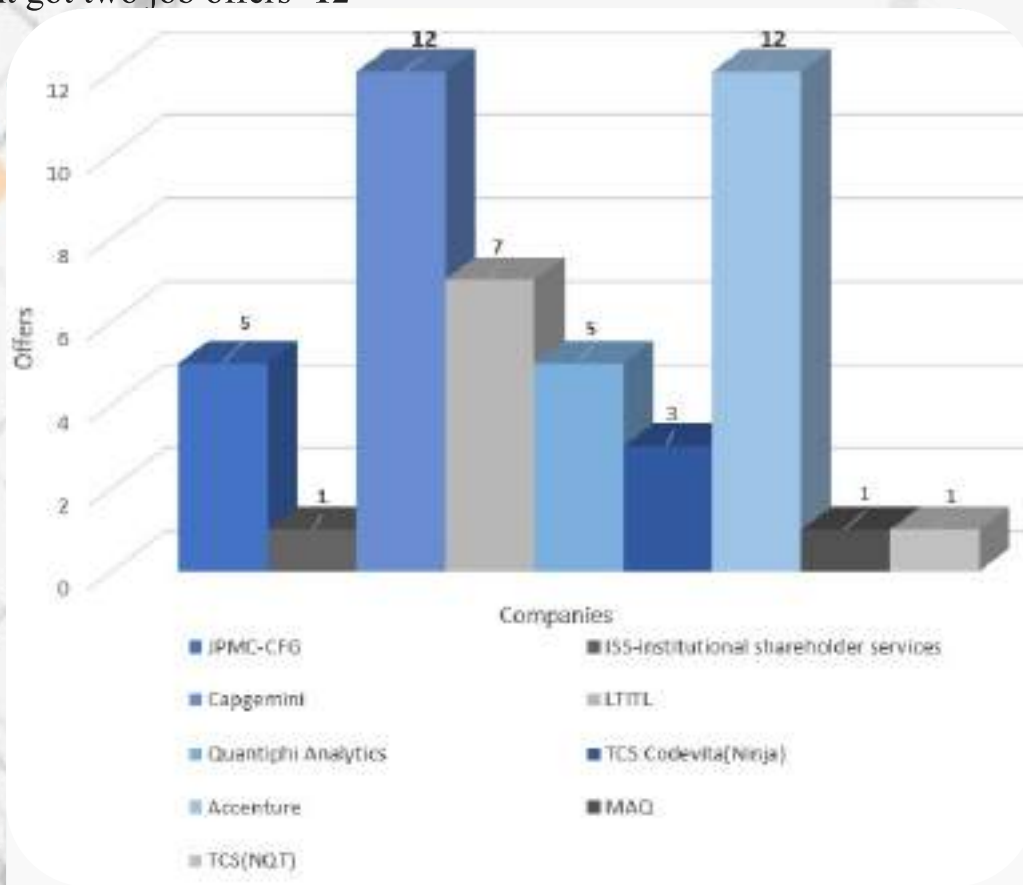
- Akash Maurya, Srajan Shetty, Devdatta Khoche and Aditya Kotkar of third year are the - Senior Technical Officers at ISTE-VESIT.
- SherAli Shaikh of third year is the Senior Technical Officer at CSI VESIT.
- Nagesh Nayak and Pratik Dubey of third year are the Senior Operations Officers at CSI-VESIT.
- Fayzaan Qureshi of third year is the Co-Chairperson at CSI VESIT.
- Pooja Prasad of third year is the Public Relations Head at CSI VESIT.
- Shubhra Jena of third year is the Senior Public Relations officer at ISTE VESIT.
- Hemkesh Raina and Kritik Taktewale of third year are the Senior Graphics Officers at ISTE VESIT.
- Sahana Shetty of second year division A is Junior Deputy Cultural Secretary at VESIT.
- Raghuttam Parvatikar of second year division-B is Junior Deputy Music Secretary at VESIT.
- Aarushi Sharma of second year division-B is Junior Deputy Music Secretary at VESIT.
- Venkatesh Reddy of second year division-A is Junior Deputy SoRT Secretary at VESIT.
- Rakshita Danee of second year division-A is Junior Deputy SoRT Secretary at VESIT.
- Aaditya Moykhede of second year division-A is Junior Deputy Sports Secretary at VESIT.
- Janhavi Mhatre of second year division-A is Junior Deputy Sports Secretary at VESIT.
- Rajat Singh of second year division-B is Junior Deputy Sports Secretary at VESIT.
- Aditya Dubey of second year division-A is Junior member of debate division at VESLit.

Placements

Statistics of Placement till (dec 2020)

Total No.of students in final year - **73**

- Student interested in campus placement - **67**
- Total placed - **35**
- Student got two job offers- **12**



Placement Statistics

Departmental Rankers

FIRST RANKERS - SEM 8 - CGPA: 10

ASWANI DHIRAJ GURNANI LATIKA JANYANI SANJAY SADHWANI SAHIL SAHU GAURAV SAHU SAHIL SABADE JUYEE SAHU MEGHA	TOLANI JITEN LULLA YOGESH SHINDE ANIKET HAZRA MILAN BHARDWAJ YASH SHETTY DEEKSHA SINGH AMARRJEET JADHAV SHIVANI	VIDHRANI SEEMA VALECHA MUSKAN ROCHLANI SHYAM MAHESHA NEHA CHANDNANI KHUSHBOO JHA UJALA KADAM SALONI NAIR SEJAL	SHELAR ANURAG WADHWANI ATHUL BALAKRISHNAN BELLARA CHIRAG BHENGURA RAJPREET KAUDARE ABHISHEK NANDRAJOG RAHUL
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RANKERS - SEM 8

SECOND RANKERS (CGPA 9.96)

TALREJA NIKITA
SONETA HITESH
LALWANI YASH
FERNANDES WALSH

THIRD RANK (CGPA: 9.93)

MOTWANI HARSH BHATIA RONIT
SINGH HARSH SHRIRAME VISHWA
IYER ANIRUDH TARACHANDANI PRIYAN

SEM 6 RANKERS

FIRST RANKERS (CGPA 10)

BENDRE JAY
DAREKAR SHUBHAM
GULRAJANI AYESHA
NAIR AISHWARYA
POTDAR ATHARVA
SINGH HARSHITA

SECOND RANKERS (CGPA: 9.85)

ABHYANKAR MAHALE SANKET
DESHMUKH TEJAL MOGHE SAYALI
GHAVAT SUMEDH NATEKAR SAILY
KELKAR SHUBHAM THATTE PARIKSHIT

THIRD RANKERS (CGPA: 9.69)

AMIN PRITHVI NARAYAN
PILLAI VIGNESH KAILASAM

SEM 4 RANKERS

FIRST RANKERS (CGPA 10)

KALBAG PARTH
KALYANI RITU
SHETTY SRAJAN

SECOND RANKERS (CGPA: 9.85)

JETLEY SAKSHI
MOHINANI DHARKAN
SHAHRI MEGHA

THIRD RANKERS (CGPA: 9.81)

KUKREJA DIVYA

Teachers' Corner

Courses Attended

- Dr. Shanta Sondur attended a 8 week course on “Psychological First Aid” in July 2020 organized by University of John Hopkins.
- Asma Parveen attended a 5 week Coursera course on “Business Communication Skill” started in June 2020.
- Asma Parveen attended a 7 week Coursera course on “Introduction to Python” started in June 2020.
- Jayashree Hajgude attended a 3 week Coursera course on “Improving Deep Neural Networks: Hyperparameter Tuning, Regularization and Optimization” started on 4 July 2020.
- Jayashree Hajgude attended a 4 week Coursera course on “Machine Learning for All” started on 11th July 2020.
- Jayashree Hajgude attended a 4 week Coursera course on “Neural Networks and Deep Learning” started on 19th June 2020.
- Jayashree Hajgude attended a 4 week Coursera course on “R Programming ” started on 11th August 2020.
- Jayashree Hajgude attended a 7 week Coursera course on “Programming for Everybody (Getting Started with Python) ” started on 16th August 2020.
- Charusheela Nehete attended a 3 days Online course on “Operations Research” organised by Virudhunagar Hindu Nadars Senthikumara Nadar College, Department of Mathematics from 18th May to 20th May 2020.
- Amit Singh attended a 4 week Coursera course on “AI For Everyone” started in June 2020.
- Amit Singh attended a 8 week Coursera course on “Building Web Applications in PHP” started in June 2020.
- Amit Singh attended a 7 week Coursera course on “Python Data Structures” started in June 2020.
- Amit Singh attended a 7 week Coursera course on “Programming for Everybody (Getting Started with Python)” started in June 2020.
- Amit Singh attended a 4 week Coursera course on “Continuous Delivery & DevOps” started in June 2020.
- Amit Singh attended a 6 week Coursera course on “Introduction to Web Development” started in June 2020.
- Amit Singh attended a 4 week Coursera course on “Work Smarter, Not Harder: Time Management for Personal & Professional Productivity” started in June 2020.
- Amit Singh attended a 1 day Coursera course on “Git + GitHub for Open Source Collaboration” on June 2020.

Events / FDP/ STTP / Workshops Organized

- Charusheela Nehete, Asma Parveen, Pooja Shetty and Sukanya Roychowdhury were a part of the organizing team of e Disha a Technical Event organised at Department level.
- Vinita Mishra was a part of the organizing team of an online Faculty Development Program on “Research Directions in Security and Computational Intelligence” organised by CSI-VESIT from 3rd to 8th August 2020.
- Vinita Mishra was a part of the organizing team of an online Faculty Development Program on "GOIT" organised by CSI-VESIT from 3rd -8th August 2020.
- Pooja Shetty was a part of the Technical and Website support Team of an Alumni Engagement initiative VReach organised at Institute level.

Events / FDP/ STTP / Workshops Attended

- Dr. Shanta Sondur, Dr. M.Vijaylakshmi, Smita Jangale and Sukanya Roychowdhury attended an Online workshop on “Universal Human Values” organised by AICTE from 2nd July to 6th July 2020.
- Dr. Shalu Chopra, Smita Jangale, Dr. Shanta Sondur, Charusheela Nehete, Asma Parveen, Jayashree Hajgude, Vidya Pujari, Vinita Mishra, Amit Singh and Pooja Shetty attended an Online Faculty Development Program on “Research Directions in Security and Computational Intelligence” organised by CSI-VESIT from 3rd -8th August 2020.
- Dr. Shalu Chopra attended the Faculty Orientation Program on “Essentials for Setting –Up an AI/ DL LAB” organised by CSE, Bennett University , Greater Noida on 17th July 2020.
- Dr. Shalu Chopra attended Online on “G Suite & Allied Tools in Education, Teaching and E Content Development” organised by SGB Amravati University from 29th June to 4th July 2020.
- Dr. Shalu Chopra attended an Online workshop on “NAAC Awareness Programme” organised by MMIT Lohgaon Pune from 8th May to 14th May 2020.
- Dr. Shalu Chopra attended an Online Workshop on “Improving Teaching Learning Experience using Best Practices” organised by D J Sanghvi College of Engineering from 15th June to 19th June 2020.
- Dr. Shalu Chopra attended the Faculty Orientation Program on “Online Teaching Tips and Tools” organised by CSE, Bennett University , Greater Noida on 16th July 2020.
- Dr. Shalu Chopra and Pooja Shetty attended the Faculty Development Program on “E Content” organised by IIDE in association with VIT on 25th July 2020.
- Dr. Shalu Chopra attended an Online Training on “Design Thinking” organised by VESIT-IQAC on 26th July 2020.
- Dr. Shalu Chopra attended an Online Training on “Cracking it: Competitive Exams” organised by VESIT - IQAC on 22nd June 2020.
- Smita Jangale attended an Online workshop on “Opportunities & Challenges in Electronics & Allied Industries in India post COVID-19” organized by ETRX , VESIT from 25th May to 30th May 2020.
- Smita Jangale attended a workshop on “5G Wireless Communication Systems using the MATLAB 5G Toolbox” organized by EXTTC DEPT , VESIT from 12th May to 13th May 2020.
- Dr. Shanta Sondur attended an Online workshop on “Transition to Online Facilitation” organised by AICTE from 8th July to 5th August 2020.
- Dr. Shanta Sondur attended an Online workshop on “Green Internet of Things” organised by AICTE from 10th August to 15th August 2020.
- Dr. Shanta Sondur attended an Online Faculty Development Program Program on “ICT/ LMS Tools for Teaching & Learning” organised by K. C. College of Engineering & Management Studies & Research, Thane (E) from 16th June to 19th June 2020.
- Dr. Shanta Sondur attended an Online STTP on “Sensor, IoT & Machine Learning” organised by K. J. Somaiya Vidya Vihar from 1st June to 5th June 2020.
- Dr. Shanta Sondur attended an Online Faculty Development Program Program on “Advances in Internet Of Things” organised by FCRIT from 29th May to 2nd June 2020.
- Dr. Shanta Sondur attended an Online STTP on “IoT & its application in industry” organised by RAIT from 8th June to 12th June 2020.
- Dr. Shanta Sondur attended an Online STTP on “MATLAB based teaching Learning in Mathematics Science and Engineering” organised by Ramrao Adik Institute of Technology from 18th May to 22nd May 2020.
- Charusheela Nehete attended a Faculty orientation Program on “Data Structure and Analysis” organised by St. John College of Engineering and Management on 8th August 2020.
- Charusheela Nehete attended an online Faculty Development Program on “Interactive-impactful e-Learning Techniques” organised by K. C. College of Engineering and Management Studies and Research from 18th July to 20th July 2020.

- Charusheela Nehete attended an online Faculty Development Program on “Research Directions in Security and Computational Intelligence” organised by CSI-VESIT from 3rd August to 8th August 2020.
- Charusheela Nehete attended an online Faculty Development Program(Spoken Tutorial) on “MOODLE Learning and Management” organised by IIT Bombay from 25th April to 30th April 2020.
- Charusheela Nehete attended an online Faculty Development Program on “Research, Funding Projects & IPR” organised by K.C. COE, Management Studies and Research, Thane from 7th May to 10th May 2020.
- Charusheela Nehete attended an online Faculty Development Program on “Usage of Technology in COVID-19” organised by Terna Engineering College, Nerul from 28th May to 2nd June 2020.
- Charusheela Nehete attended an online workshop on “Java Programming” organised by Bennett University, Greater Noida from 20th May to 24th May 2020.
- Charusheela Nehete attended the online Faculty Development Program on “Internet of Things” organised by Universal COE in association with IET from 14th May to 15th May 2020.
- Asma Parveen attended a workshop on “Statistical Analysis of Quantitative Data using Advanced Excel for Research Scholar” organized by Rizvi college of Arts Science and commerce from 3rd June to 4th June 2020.
- Asma Parveen attended a webinar on “Machine Learning” organized by Nagindas Khandwala College of Arts Science and Management Studies from 14th June to 16th June 2020.
- Asma Parveen attended a workshop on “Workshop on Artificial Intelligence and Deep Learning” organized by Bennett University Leadingindia.ai from 4th May to 8th May 2020.
- Asma Parveen attended an online Research Meet on “Somaiya Research Interventions in Engineering and Technology” organized by Somaiya Institute for Research and Consultancy in collaboration with Somaiya College of Engineering Vidyavihar and SCIT, Sion on 29th May 2020.
- Asha Bharambe, Jayashree Hajgude, Vidya Pujari, Vinita Mishra, Pooja Shetty and Dimple Bohra attended 5 day STTP on “Recent Trends and Applications of Machine Learning and Deep Learning Algorithms in Information Technology” organized by Ramrao Adik Institute of Technology from 25th to 29th May 2020.
- Jayashree Hajgude and Asma Parveen attended a workshop on “Data Analytics” organized by Bennett University-Leadingindia.ai from 13th May to 17th May 2020.
- Vidya Pujari attended a workshop on "BlockChain" organised by Bennett University-Leadingindia.ai from 13th May to 17th May 2020.
- Vidya Pujari, Vinita Mishra and Pooja Shetty attended a workshop on “Arduino Programming and Internet of Things Workshop” organised by Bennett University-Leadingindia.ai from 20th May to 24th May 2020.
- Vinita Mishra and Pooja Shetty attended a workshop on “Cloud Computing” organised by Bennett University, Greater noida and leadingIndia.ai from 27th May to 31st May 2020.
- Vinita Mishra and Amit Singh attended a workshop on “Cyber Security” organised by Bennett University, Greater noida and leadingIndia.ai from 13th May to 17th May 2020.
- Amit Singh attended a FDP on “Python-Django” organised by KJSIEIT, MUmbai from 15th June to 19th June 2020
- Pooja Shetty attended a workshop on “Blockchain” organised by Tinkerer's, CodeCell, VESIT from 28th April to 30th April 2020.
- Sukanya Roychowdhury attended an online Faculty Development Program on “Data science” organised by Fr,C. R.College of Engineering from 26th May to 30th May 2020.
- Dimple Bohra attended an online Faculty Development Program on “Moodle Management System” organised by Datta Meghe College of Engineering from 1st June to 5th June 2020.
- Dimple Bohra attended an online “Internet of Things (IOT) and its Applications in Industry ” organised by RAIT from 8th June to 12th June 2020.

Publications / Conferences

- Dr. M. Vijayalakshmi and Dr. S. Chopra “Sentiment Analysis using Deep Learning - A Survey” 2020 International Conference on Computer Science, Engineering and Applications (ICCSEA), Gunupur, India, 2020, pp. 1-4, doi: 10.1109/ ICCSEA49143.2020.9132863.
- Dr. Shalu Chopra, “An Interactive Healthcare Bot with Personalized Diet and Disease Guidelines Recommendation for Women”, International Journal for Research in Applied Science & Engineering Technology (IJRASET), Volume 8, Issue V, May 2020, ISSN: 2321-9653
- Smita Jangale, “Companion: Detection of Social Isolation in Elderly”, International Conference on Intelligent Computing, Information and Control Systems (ICICCS) 2020, June 2020, ISSN:2194-5357.
- Smita Jangale, “ImaginAR - Shaping the Future”, International Journal for Research in Applied Science and Engineering Technology, May 2020, ISSN: 2321-9653.
- Dr. Manoj Sabnis, “Implementing Electronic Voting System With Blockchain Technology”, IEEE International Conference for Emerging Technology, June 2020, ISSN: 3565497.
- Dr. Manoj Sabnis, “Recognition and Depth Approximation of Dry & Filled Potholes”, International Journal of Innovative Research in Science, Engineering and Technology, Vol. 8, Issue 8, August 2019, ISSN(Online): 2319-8753 ISSN (Print): 2347-6710
- Asha Bharambe, “Smart Contract for Real Estate Using Blockchain”, International Conference on Advances in Sustainable Technologies (ICAST) 2020, April 2020, ISSN: 3565497.
- Asha Bharambe, “Secured Crowdfunding Platform using Blockchain”, International Conference on Intelligent Computing and Networking ICICN-2020, October 2020, ISSN : 2321-9653.
- Asma Parveen I. Siddavatam, “Healthcare Recommendation system using Patients' Review, CRTSC20, Sept 2020, ISBN:978-93-5416-195-7.
- Charusheela Nehete, “AI Based E-assessment System”, Purakala(UGC Care Journal), Vol 31, Issue 15, April 2020, ISSN: 0971-2143.
- Jayshree Hajgude, “Engineers guide:Recommendation System” ,UGC Journal - Purakala, Vol-31 Issue:31-May-2020, ISSN:0971-2143.
- Jayshree Hajgude, “Office Work Reimbursement Information System”, International Journal of Science and Engineering Development Research , Vol.5, Issue 7, July-2020, ISSN:2455-2631.
- Vidya Pujari, “An Interactive Healthcare Bot with Personalized Diet and Disease Guidelines Recommendation for Women”, International Journal for Research in Applied Science & Engineering Technology (IJRASET), Volume 8, Issue V, May 2020, ISSN: 2321-9653.
- Vidya Pujari, “Beach cleaning bot”, International Research Journal of Engineering and Technology (IRJET), Volume: 07, Issue: 06, June 2020, ISSN: 2395-0072.
- Vinita Mishra , “Pharmaledger-An improved solution to identify counterfeit drugs in Supply Chain”, Alochana Chakra Journal, Volume 9, Issue VII, July 2020, ISSN:2231-3990.
- Pooja Shetty, “Blockchain based Digital Certificate Generation and Verification System”, Alochana Chakra Journal, Volume 9, Issue VI, June 2020, ISSN:2231-3990.
- Sandeep Utala, “ImaginAR - DreamDom - AR based Furniture Application”, International Research Journal of Engineering and TechnologyI, Vol 7, Issue 5, May 2020, ISSN: 2395-0056.
- Sukanya Roychowdhury, “IOT based Accident Prevention and Detection System using GSM-GPS, Eye blink and Alcohol Sensor”, International Journal for Research in Applied Science & Engineering Technology, Vol 8, Issue 5, May 2020, ISSN : 2321-9653.

Alumni Voice

Inderjeet Saluja

I graduated from VESIT 2 years ago, but it still seems like I was running around labs to complete my project just yesterday. The whole experience of graduating as an “Engineering Student” from VESIT was something that I will hold on for the years to come. I got to learn a lot in a period of 4 years; be it from my classmates, teachers, or by myself. Everyone at VESIT has always been very supportive of any new venture that any of the VESITians embark on. There are ample opportunities for each and every student to choose from, be it in the technical or in a non-technical field. The camaraderie that the teachers have with the students even after they have graduated is something that I haven’t seen before. They are actually invested in supporting the students as they move on to the next stage of their professional lives. The best part of VESIT for me would always be its campus. There is a beauty in it that you can’t just ignore. Besides the campus being a treat to the eyes, the one and the most important thing that I learned at VESIT is that you have to believe in yourself and the fact that you can achieve the goals that you set. That being said, it’s not that you won’t have to work hard, of course you’ll have to. But once your belief is established, you’re one step closer to achieving your dreams.



Inderjeet Saluja (2019-20)
Product Engineer
Flock (a Directi company)

Bhavika Shahani

VESIT has been the keystone in shaping my career and I'll forever be grateful for that. In my first year of engineering, I was shaken by getting a KT in Mechanics. After getting out of the trauma I worked extremely hard and cleared the KT. This boosted my confidence and reassured me that yes I can do it! I went on to learn many fundamental concepts in Data Structures, OOP, DBMS in the next couple of years.



Bhavika Shahani (2018-19)
Software Engineer
JPMorgan Chase

These technologies learned in college helps me greatly at my job every day. VESIT gave me a great platform to showcase my talent in every way possible. During my stint at ISTE-VESIT, I not only got a chance to develop my technical skills but also my communication skills and leadership qualities. I also participated in hackathons in and outside of VESIT, one of which was the Smart India Hackathon that helped me a lot in the placement pushed me through JPMC. Throughout my journey at VESIT, the support, mentoring, and guidance from the IT Department professors, has always been very helpful in grooming me. I'll always be thankful to them. My advice to current and prospective students is to not get disheartened with one failure, get through it!

While grades are important, they are not everything. Focus on competitive programming, never stop learning, participate in cultural fests, go on trips and enjoy the journey. Lastly, I'd like to share a quote that summarizes my experience at VESIT –“Success usually comes to those who are too busy to be looking for it.” - Henry Thoreau.



Editorial Team

Faculty Incharges:

Mrs. Vinita Mishra

Mrs. Pooja Shetty

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Ayesha Gulrajani (D20)

SherAli Shaikh (D15)

Yash Raje (D10A)

Aarushi Sharma (D10B)

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