

Department of Information Technology

Department Report

Even Semester

1st June 2020 to April 2021

FACULTY CONTRIBUTION

- Courses Conducted by Faculties
- Orientation Programs

Sr. No.	Conducted By	Course description	Organized by	Date	Number of days	Attended by
1	St. John COE and Management	Faculty orientation program for Data Structures and Analysis	St. John COE and Management / MU	08 th July 2020	1 day	Mrs. Charusheela Nehete.
2.	Shah and Anchor College of Engineering	Faculty orientation program for Java Lab (SBL)INFT.	Shah and Anchor College of Engineering	1 st July 2020	1 day	Ms. Sukanya Roychowdhury
3.	CSE, Bennett University, Greater Noida	Faculty orientation program, Essentials for setting –up an AI/DL LAB	CSE, Bennett University, Greater Noida	17 th July 2020	1 day	Dr. (Mrs.) Shalu Chopra
4.	CSE, Bennett University, Greater Noida	Faculty orientation program for Online Teaching Tips and Tools	CSE, Bennett University, Greater Noida	16 th July 2020	2 days	Dr. (Mrs.) Shalu Chopra
5.	IIDE in association with VIT	Faculty orientation program on E Content	IIDE in association with VIT	25 th June 2020	1 day	Dr. (Mrs.) Shalu Chopra
6.	VESIT-IQAC	Online Training on Design Thinking	VESIT-IQAC	26 th June 2020	1 Day	Dr. (Mrs.) Shalu Chopra
7.	VIT	Faculty orientation	VIT	11 th	1 day	Mrs. Jayshree

		program on -Project Python for S.E. (sem. IV)		Feb. 2021		Hajgude
8.	Thadomal Shahani Engineering college	Faculty orientation program on Python Lab	Thadomal Shahani Engineering college	8 th Feb. 2021	1 day	Mrs. Jayshree Hajgude
9.	SIES	Faculty orientation program on Computer Organization and Architecture and Microprocessor Lab	SIES	10 th Feb. 2021	1 day	Mrs. Vidya Pujari
10.	Thadomal Shahani Engineering college	Faculty orientation program on Python Lab	Thadomal Shahani Engineering college	8 th Feb. 2021	1 day	Mrs. Vidya Pujari
11.	VIT	Faculty orientation program on Mini-Project Python for S.E. (Sem. IV)	VIT	11 th Feb. 2021	1 day	Mrs. Vidya Pujari
12.	K. J. Somaiya Institute of Engineering and Information Technology (KJSIEIT)	Faculty orientation program on Operating System & Unix Lab	K. J. Somaiya Institute of Engineering and Information Technology (KJSIEIT)	2 nd Feb. 2021	1 day	Ms. Rohini Sawant
13.	SAKEC	Faculty orientation program on Computer Network & Network Design, Network Lab	SAKEC	4 th Feb. 2021	1 day	Ms. Rohini Sawant

● **Workshop/Courses Conducted by Faculties**

Sr. No.	Conducted by	Course Description	Organized by	Date	Number of days
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1	Department of IT	E-Disha- A Two Week Technical Event	Department of IT in association with VESIT-IQAC and IIC	15 th - 30 th July 2020	15
2	Department of IT, CMPN and MCA	FDP on Research Directions in Security and Computational Intelligence	VESIT- CSI, IQAC and IIC	3 rd - 8 th August 2020	1 Week
3	Department of EXTC, in collaboration with Department of CMPN, IT and MCA, in association with IQAC and IIC	Green IoT Phase 2	Department of EXTC, in collaboration with Department of CMPN, IT and MCA, in association with IQAC and IIC	23 rd - 28 th Nov. 2020	1 Week
4.	Department of IT, in association with Department of CMPN and MCA, under the guidance of IQAC and IIC	AICTE Sponsored Online STTP (Phase 1 and Phase 2) Phase 1: Introduction to Blockchain Technology Phase 2: Blockchain Platforms and Applications	Department of IT, , in association with Department of CMPN and MCA , under the guidance of IQAC and IIC	Start Date: Phase 1: 29 th March 2021 Phase 2: 26 th April 2021 End Date: Phase 1: 3 rd April 2021 Phase 2: 1 st May 2021	12 Days

● **Courses/ Workshops Attended by Faculty**

Sr. No.	Attended By	Course description	Organized by	Date	Number of days
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1	Dr. (Mrs.) Shanta Sondur	Psychological First Aid	University of John Hopkins	July-August 2020	8 weeks
2	Ms. Sukanya Roychowdhury	Universal Human Values	AICTE	2 nd - 6 th July 2020	1 week
3	Ms. Sukanya Roychowdhury	FDP on Data science	Fr.C.R.C.E.	26-30 May 2020	1 week
4	Mrs. Charusheela Nehete	FDP on Interactive-impactful e-Learning Techniques	KC COE, Management studies and Research	18 th -20 th July 2020	3 days
5	Mrs. Charusheela Nehete	FDP on Research Directions in Security and Computational Intelligence	CSI-VESIT	3 rd - 8 th August 2020	1 week
6	Mrs. Vidya Pujari	FDP on Research Directions in Security and Computational Intelligence	CSI-VESIT	3 rd - 8 th August 2020	1 week
7	Mrs Vinita Mishra	FDP on Research Directions in Security and Computational Intelligence	CSI-VESIT	3 rd - 8 th August 2020	1 week
8	Mr. Singh	AI For Everyone	Coursera	1 st June- 5 th July 2020	4 weeks
9	Mr. Amit Singh	Building Web Applications in PHP	Coursera	1 st June- 4 th July 2020	4 weeks
10	Mr. Amit Singh	Python Data Structures	Coursera	1 st June-27 th July 2020	7 weeks
11	Mr. Amit Singh	Continuous Delivery & DevOps	Coursera	1 st June-27 th July 2020	4 weeks
12	Mr. Amit Singh	Programming for Everybody (Getting Started with Python)	Coursera	1 st June-25 th July	7 weeks
13	Mr. Amit Singh	Introduction to Web Development	Coursera	1st June-2 nd 2 nd July 2020	6 weeks
14	Mr. Amit Singh	Git + GitHub for Open-Source Collaboration	Coursera	June 2020	1 day

15	Mr. Amit Singh	Work Smarter, Not Harder: Time Management for Personal & Professional Productivity	Coursera	1 st June-5 th July 2020	4 weeks
16	Mrs. Jayshree Hajgude	Improving Deep Neural Networks: Hyperparameter tuning, Regularization and Optimization	Coursera	June-July 2020	3 weeks
17	Mrs. Jayshree Hajgude	Machine Learning for All	Coursera	1 st June-4 th July 2020	4 weeks
18	Mrs. Asma Parveen I. Siddavatam	IEP on FPGA based embedded systems covering swadeshi microprocessor	NIELIT, Calicut	30 th Nov. 2020 – 11 th Dec. 2020	12 days
19	Dr. Mrs. Shalu Chopra	Inculcating Universal Human Values in Technical Education	AICTE	18 th Jan. 2021 – 22 nd Jan. 2021	5 days
20.	Mrs. Dimple Bohra	AICTE Sponsored Online STTP Phase 1: Introduction to Blockchain Technology	VESIT	29 th March 2021 – 3 rd April 2021	6 days
21.	Mrs. Smita Jangale	E-session “National Education Policy 2020 (NISP)”	VESIT IIC, IQAC	30 th January 2021	1 day
22.	Mrs. Smita Jangale	“Identifying Intellectual Property Component at early stage of Innovation”	VESIT IIC, IQAC	30 th January 2021	1 day
23.	Mrs. Smita Jangale	“National Innovation and Start-up Policy (NISP)”	VESIT IIC, IQAC	30 th January 2021.	1 day
24.	Mrs. Smita Jangale	National Level Quiz on “Matribhasha Diwas”	VESIT IIC, IQAC	21 st Feb. 2021	1 day
25.	Mrs. Smita Jangale	Women Entrepreneurs & Achievers	Women Development cell, VESIT	20 th March 2021	1 day
26.	Mrs. Smita Jangale	Inception, Irrigation, Harvest and Innovation	VESIT IIC, IQAC	20 th March 2021	1 day

		need to build Atmanirbhar India.			
27.	Mrs. Smita Jangale	Mentoring session for all students & faculties by Innovation Ambassador	VESIT IIC, IQAC	20 th April 2021	1 day
28.	Ms. Sukanya Roychowdhury	E-session “National Education Policy 2020 (NISP)”	VESIT IIC, IQAC	30 th January 2021	1 day
29.	Ms. Sukanya Roychowdhury	Women Entrepreneurs & Achievers	Women Development cell, VESIT	20 th March 2021	1 day
30.	Ms. Rohini Sawant	E-session “National Education Policy 2020 (NISP)”	VESIT IIC, IQAC	30 th January 2021	1 day
31.	Ms. Rohini Sawant	“Identifying Intellectual Property Component at early stage of Innovation”	VESIT IIC, IQAC	30 th January 2021	1 day
32.	Mrs. Asha Bharambe	Deep Learning	NPTEL	2020-21	-

● **Skill Enhancement Lectures (SEL)**

Sr. No.	Conducted by	Course Description	Name/s of the Faculty co-ordinator	Date	Number of days
1.	Department of IT association with VESIT-IQAC and IIC	E-Disha- A Two Week Technical Event	Department of IT association with VESIT-IQAC and IIC	15 th -30 th July 2020	15
2.	Special Lecture Series on NPTEL YouTube Channel	NPTEL Lecture on Topic "Towards Explainable AI"	Mrs. Asha Bharambe	14 th May 2021	1

Research Forum Activities

● **Research Paper Published**

Publication - Author List	Title	Publication - Date	Publication - National / International	Publication - Journal / Conference	Publication - Name of The Journal / Conference	Publication - ISBN Number
Dr. (Mrs.) M. Vijayalaxmi	Consumer Behavior Analysis using Machine Learning Algorithms	2 nd – 4 th July 2020	International Conference	IEEE CONECC T 2020	IEEE CONECCT 2020	e-ISBN:978-1-7281-6828-9
Dr. (Mrs.) M.	Accepted	19 th – 20 th Feb. 2021	International Conference	IEEE	IEEE International	ISBN 978-1-

Vijayalaks hmi					1 Conference on Computing, Communica tion, and Intelligent Systems (Co- Sponsored by IEEE)	7281- 8529-3
Dr. (Mrs.) Shalu Chopra	Book Chapter Size Invariant Ship Detection Using SAR Images	5 th April 2020-21	International Conference	Springer	Internationa l Conference on Computatio nal Intelligence, Data Science and Cloud Computing, volume 62	ISSN 2367- 4512
Dr. (Mrs.) Shalu Chopra	Accepted	19 th -20 th Feb. 2021	International Conference	IEEE	IEEE Internationa l Conference on Computing, Communica tion, and Intelligent Systems (Co- Sponsored by IEEE)	ISBN 978-1- 7281- 8529-3
Mrs. Smita Jangale	Detecting Malware, Malicious URLs and Virus Using Machine Learning and Signature Matching	21 st - 23 rd May 2021	International Conference	INCET20 21	INCET2021 (Internation al Conference of Emerging Technology) IEEE	Accepted
Mrs. Smita Jangale, Dr. (Mrs.) M.	Analysis of deep learning techniques	March 2021	International Journal	PENSEE Impact Factor-6	PENSEE Internationa l Journal Vol 51 issue	ISSN: 0031- 4773

Vijayalakhmi	for rumour detection				3, ISSN: 0031-4773, Pg. No 1470-1485.	
Dr. (Mrs.) Shanta Sondur	Future Face Predictor using Generative Adversarial Networks	August 2020	International Journal	IJAEM	International Journal of Advances in Engineering and Management (IJAEM), Volume 2, Issue 4, pp: 490-495	ISSN: 2395-5252
Mrs. Asha Bharambe	VR PHOTOGRAPHY EMBEDDED MAP WITH GRID BASED INDOOR POSITIONING	21 st - 23 rd May 2021	International Conference	IEEE	2nd International Conference for Emerging in Technology - 2nd INCET 2021	Accepted
Mrs. Asha Bharambe	Relevium - Disaster Management using Twitter	25 th - 7 th June 2021	International Conference	IEEE Sponsored on International Conference on Intelligent Technologies 2021	IEEE Sponsored on International Conference on Intelligent Technologies 2021	Accepted
Mrs. Charusheel a Nehete	Street Quality Mapper: Real-time Pothole Identification and Street Quality Mapping using Signal Processing	15 th -16 th January 2021	International Conference	IEEE & IAS Technically Co-Sponsored International Conference	International Conference on Nascent Technologies in Engineering ICNTE – 2021	Yet to be published
Mrs. Charusheel a Nehete	Heart Rate Detection System	September 2020	International journal	IRJET	International Research Journal of Engineering and	e-ISSN: 2395-0056 p-ISSN:

					Technology (IRJET Volume: 07 Issue: 09 Sep 2020)	2395-0072
Mrs. Charusheela Nehete	Deep Learning Based Face Mask Detection and Crowd Counting	2 nd - 4 th April 2021	International Conference	IEEE	2021 6th International Conference for Convergence in Technology (I2CT)	Electronic ISBN:978-1-7281-8876-8
Mrs. Vidya Pujari	Intelligent media player	May 2021	International Journal	IRJET)	International Research Journal of Engineering and Technology (IRJET), May 2021, Volume: 08 Issue: 05	ISSN: 2395-0056
Mrs. Vidya Pujari	Monitoring Epidemic outbreaks using social media data	21 st - 23 rd May 2021	International Conference	IEEE 2nd INCET 2021	IEEE 2nd International Conference of Emerging Technologies 2021(2nd INCET 2021) , Belgaum ,Karnataka ,India	accepted
Mrs. Asma Parveen I. Siddavatom	Healthcare Recommendation system using Patients' Review	28 th -29 th September 2020	International Conference	ICRTSC	International Conference on Real-Time Supervisory Control	ISBN:978-93-5416-195-7
Mrs. Asma Parveen I. Siddavatom	Infrastructure Management and Prediction during Covid-19 Pandemic	May 2021	International Journal	IJARES M	International Journal of All Research Education and	ISSN: 2455-6211

					Scientific Methods (
Mrs. Jayshree Hajgude	Office Work Reimbursement Information System	July 2020	International Journal	International Journal of Science & Engineering Development	International Journal of Science & Engineering Development	ISSN:2455-2631
Mrs. Jayashree Hajgude	An Overview of Different Techniques to Provide Semantics to Remote Sensing Data	April 2021			Asian Journal of Convergence in Technology I.F-5.11	ISSN NO: 2350-1146
Mrs. Jayashree Hajgude	DeepSight: Land Use and Land Cover Classification Using Satellite Images	21st May – 23rd May 2021	International Conference	IEEE, INCET 2021	IEEE 2nd International Conference of Emerging Technologies 2021(2nd INCET 2021), Belgaum, Karnataka, India	Accepted.
Mr. Amit Singh	Texterizer	July 2020	International Journal	IJERT	International Journal of Engineering Research & Technology (IJERT), Vol. 9 Issue 07, July-2020	ISSN: 2278-0181
Mrs. Vinita Mishra	Pharmaledger -An improved solution to identify counterfeit drugs in Supply chain	July 2020	National Journal	Alochana Chakra, National Journal	Alochana Chakra Journal	CD:978-1-7281-8875-1
Mrs. Pooja Shetty	Blockchain based Digital Certificate Generation and	June 2020	National Journal	Alochana Chakra Journal	Alochana Chakra Journal	ISSN 2231-3990

	Verification System					
Mrs. Pooja Shetty	BLOCKCHAIN BASED INSURANCE PROCESS	March 2021	International Journal	Journal of Emerging Technologies and Innovative Research (JETIR)	Journal of Emerging Technologies and Innovative Research (JETIR), Volume 8, Issue 3	ISSN-2349-5162
Mrs. Vinita Mishra	BrainKey: A Virtual Keyboard controlled using Eye Blinks	March 2021	International Journal	IJCRT	International Journal of Creative Research Thoughts (IJCRT), Volume 9, Issue 3 March 2021	ISSN: 2320-2882
Mrs. Vinita Mishra	"Fake News Detection"	April 2021	International Journal	International Research Journal of Engineering and Technology (IRJET)	International Research Journal of Engineering and Technology (IRJET), April 2021, Volume: 08 Issue: 04	ISSN: 2395-0056
Mrs. Vinita Mishra	Real-Time Vehicle Detection and Safety Alarm System	April 2021	International Journal	International Research Journal of Engineering and Technology (IRJET)	International Research Journal of Engineering and Technology (IRJET), April 2021, Volume: 08 Issue: 04	ISSN: 2395-0056
Ms. Sukanya Roychowdhury	IOT based Accident Prevention & Detection System using GSM-GPS, Eye Blink &	May 2020	International Journal	International Journal for Research in Applied Science & Engineering	International Journal for Research in Applied Science & Engineering Technology	ISSN 2321-9653

	Alcohol Sensor			ng Technolog y		
Ms. Sukanya Roychowdhury	Forest Fire Prediction using ML and AI	21st May – 23rd May 2021	International Conference	IEEE, INCET 2021	IEEE 2nd International 1 Conference of Emerging Technologies 2021(2nd INCET 2021) , Belgaum ,Karnataka ,India	Accepted.
Mr. Sandeep Utala	DreamDOM- AI Based Furniture Application	May 2020	International Journal	Internatio nal Research Journal of Engineeri ng & Technolog y	Internationa l Research Journal of Engineering & Technology	ISSN 2395- 0056

Other Achievements

Name of teacher	Description
Dr. Mrs. Shanta Sondur	Collaborated with Govt. College of Engineering, Pune (COEP) to work on the project "Ganit App" for the S.S.C. board school children of grade 1-10, under the umbrella of Virtual Laboratory Project of the Ministry of Education, Govt. of India.
Asma Parveen I. Siddavatam	As a Team Leader awarded a cash prize of Rs 100000/ in Swadeshi microprocessor challenge-2020 for being top 100 semi-finalist towards creation of start-up and project expenses. The Swadeshi Microprocessor Challenge -2020 is organized by the Ministry of Electronics and Information Technology, Govt. of India in collaboration with C-DAC, IIT Madras, MyGov and MakerVillage under #AatmaNirbharBharat Abhiyan.

- **Departmental Activities**

- **Swechcha**



Background

Looking at the acute need of development of the 'ITeS based Operation and Maintenance Monitoring System' for the Community Toilet (CT) and Public Toilet (PT) blocks in Mumbai, working with MCGM as a Knowledge Partner and contributing to the Swachh Bharat Mission of the Government of India (GOI), the objective of the project is to bring in accountability and transparency as a component of good governance in sanitation.

Participating Organizations

Star Union Dai-ichi Life Insurance: Founded in 2009, Star Union Dai-ichi Life Insurance (SUD Life) is a joint venture between two of India's leading public sector banks, Bank of India and Union Bank of India, and Dai-ichi Life Holdings, a leading life insurance company in Japan. With a robust collective network of over 20,000 bank branches SUD Life has one of the largest life insurance distribution footprints in India. Established in 1902, Dai-ichi Life is the second largest life insurance company of Japan and is one of the top ten life insurers globally, renowned for sound product knowledge, superior asset management skills,

and strong operational capabilities to manage life insurance businesses. The promoters of SUD Life have a long-term commitment towards their customers and stakeholder. These strengths and values have been inherited by SUD Life, as they make their way to becoming the next rising star in the Indian life insurance business, promising exceptional value to all. The Foundation shall in pursuance of its Corporate Social Responsibility and objectives intend to provide financial assistance for the Project for initial two years.

Municipal Corporation of Greater Mumbai (MCGM): Formerly and commonly known as the Bombay Municipal Corporation (BMC) is the governing civic body of Mumbai, the capital city of Maharashtra. It is India's richest municipal corporation. It was established under the Bombay Municipal Corporation Act 1888. MCGM is responsible for the civic infrastructure and administration of the city and some suburbs. In our project, MCGM will play a major role in guiding and assisting us in collecting the data from the stakeholders and also in popularizing and creating awareness of the Mobile App/Website.

Outreach

The project targets to reach @ 5 Lakhs people through the 67 CBO formed CTs and 47 PTs in M-East wards. Training will be provided in a phased manner to all the members of the CBOs, NGOs, MCGM authorities and users. The application and its various components will be accessible to all the stakeholders 24x7.

Socio-economic benefits

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. According to observers, the biggest limitation to promote tourism is cleanliness because foreign tourists are particular about hygiene and cleanliness of the city. Project **स्वेच्छा** 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 its users and cleanliness in the city. These factors would indirectly boost Tourism and Indian Economy.

● 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. Our technical event e-Disha started on 15th July. e-Disha consisted of various activities. The event started with a series of webinars which were open for all branches of VESIT.

The first webinar 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 we had a webinar on “Competitive Programming. How to Handle” by Mr. Shaurya Gupta who is currently working at 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 we had a third webinar on “Building Scalable Cloud Services Using Docker” by our alumni Sangeetha Krishnan who is currently working as a computer scientist at Adobe. In this webinar she demonstrated how to make and deploy the applications using docker.

On 20th July, we had a fourth webinar on ‘Human Centered Design Research for Technology in Health’ 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 we had a fifth webinar on ‘Recommendation Systems using AI’ by Vishal Israni, a S/W Engineer at J.P. Morgan Chase and Co. This webinar explained the working of recommendation systems and how industry giants like YouTube, Netflix provides the users with the personal catalogue of content which makes them more recommending for us.

On 22nd July we had 6th and the last webinar on ‘Professional Career Opportunities After BE’ 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 webinars were well appreciated by the viewer from students and faculty of the IT department as well as from other departments of VESIT.

the Webinar series was followed by Quizzes. Two quizzes were conducted for the students of the dept of Information Technology. First quiz on Python was conducted on 23rd July and the second quiz on C was conducted on 24th July. We had a large no. of student participation in both the quizzes.

On 27th July, a technical Paper Writing competition was scheduled. However due to the request from final year students who are currently busy with their placements, this event was scheduled on 17th August. The deadline for the paper submission has been extended to 8th August 2020.

We had scheduled the activity “Presentation mastery” On 28th. But due to some unavoidable circumstances, we clubbed this event with “e-Exhibition” activity scheduled on 30th July. The selected videos of this event were exhibited to all the students and faculties.

The second last activity on Android application development was scheduled on 29th July. The judges presented their views and remarks on the projects to the participants through the google meet. On 30th July e-Disha technical event ended with the “Project e-Exhibition” and “Presentation Mastery” activities and the valedictory speech.

● **V-Reach**

Vivekanand Education Society's Institute of Technology (VESIT) was established in 1984, with the aim of providing professional education in the field of Engineering. Since then, our alumni base has grown and reached every part of the world. We congratulate each of them for their success. Alumni are vital to the institute’s strength, and we acknowledge their role as stakeholders in leveraging the VESIT brand. To bolster this relationship, VESIT-Internal Quality Assurance Cell (IQAC) in association with Institution’s Innovation Council (IIC) brings, “V-REACH”, VESIT-Alumni engagement initiative, which aims at reaching out to alumni and enables sharing of their vast National and International knowledge and experience with students for widening their horizon. It also allows alumni to play an active role as a stakeholder and contribute actively in building VESIT legacy.

V-REACH Objectives

To provide a forum for a series of webinars covering various domains of learning and support outcome-based education. To enable knowledge and expertise sharing of alumni for professional development of students. To actively engage the stakeholders to expand VESIT’s outreach. To foster our relationship with our alumni effectively and employ their flair, ardour, knack and contributions to constructive ends for VESIT and its students.

Especially during these unprecedented times of COVID-19 pandemic and looking at the lockdown situation, V-REACH has tried to unlock the Teaching Learning in an innovative way, through its inception series of 21 webinars commencing from 22 June to 12 July 2020, which will be streamed on VESIT-YouTube channel.

Event Report

A 15-20 daylong event was conducted virtually in the month of July. The event took place on the YouTube platform. Alumnus of the college came and attended the lecture where they gave lectures on various topics as mentioned below. All the lectures were conducted for the IT department.

EVENT 1 - "MS, M-Tech or MBA?"

Date and Time	Thursday, July 02, 2020. 5:00-6:30 pm
Conducted by	V-REACH'20 An Alumni Engagement Initiative by IQAC
Playbacks	1211
Peak Concurrents	148
New Subscribers	13
Duration	1 hour 22 minutes
Total Watch Time	5 days
Average Watch Time	7:37
Feedbacks Received (via Forms)	338

EVENT 2 - "Financial Planning and Role of Equity Investing"

Date and Time	Friday, July 10, 2020. 5:00-6:30 pm
Conducted by	V-REACH'20 An Alumni Engagement Initiative by IQAC
Playbacks	556
Peak Concurrents	73
New Subscribers	4
Duration	1 hour 54 minutes
Total Watch Time	4 days

Average Watch Time	11:34
Feedbacks Received (via Forms)	192

EVENT 3 - "Risk Analysis and Beyond Failure"

Date and Time	Saturday, July 11, 2020. 5:00-6:30 pm
Conducted by	V-REACH'20 An Alumni Engagement Initiative by IQAC
Playbacks	336
Peak Concurrent	43
New Subscribers	2
Duration	1 hour 20 minutes
Total Watch Time	38 hours
Average Watch Time	6:57

Feedbacks Received (via Forms)	170
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• FDP on “Research Directions in Security and Computational Intelligence”

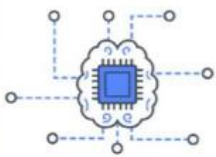
Department of Computer Engineering, Information Technology and Masters of Computer Applications in association with CSI-VESIT, VESIT-Internal Quality Assurance Cell (IQAC) and VESIT-Institution’s Innovation Council

(IIC) conducted a National level six-day online Faculty Development Program on Research Directions in Security and Computational Intelligence. 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 its online tools. Scientific and professional research has revolutionized over the years in 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. This facilitates coordination between technology users and developers; researchers and manufacturers in a major way.




Day 5 -Mr. Mahesh Pavaskar begins his session on 'Cybersecurity'.


BRANCHES OF ARTIFICIAL INTELLIGENCE



Machine Learning



Neural Networks



Robotics

Day 5 -Dr. Sharvari Tamhane explaining Different branches of AI during her session on 'Fuzzy Logic'.

- **Green IoT Phase II**

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. The buzzwords 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, cloud services and many. This opened up new challenges and research majorly in managing the energy resources for IoT, and energy efficiency by various means. '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 and many. The STTP provided 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 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. Short Term Training Program on 'Green Internet of Things'

● 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, as indicated by following numbers (as on 9th February, 2020)

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.

List of Projects (After 1st round of Elimination):

Sr. No	Student Name	Project Name
1	Megha shahri/INFT/V, Hitesh Dhameja/INFT/V Anmol rohra INFT/V	Social welfare website
2	Rutuja Rajhans/IT/5, Anuja Shetye/IT/5, Shikha Masurkar/IT/5, Monika Dere/IT/5	Healthcare Application
3	Sakshi Gattani/INFT/ , Siddhi Mudras/INFT/ , Aditi Singh/INFT/ ,	Credit Card Fraud Detection

4	Jayesh Kriplani / INFT / V	Poacher detection
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The Swadeshi Microprocessor Challenge -2020

The Swadeshi Microprocessor Challenge -2020 is organized by the Ministry of Electronics and Information Technology, Govt. of India in collaboration with C-DAC, IIT Madras, MyGov and MakerVillage under #AatmaNirbharBharat Abhiyan. To provide further impetus to the strong ecosystem of start-ups, innovators and researchers in the country, MeitY announced that Swadeshi Microprocessor Challenge will be made available by IIT Madras (शक्ति processors) and C-DAC (वेगा processors), and it will be powered by FPGA Boards of XILINX which is supported by CoreEL Technologies. This, in turn, will promote a culture of innovation and entrepreneurship, by taking up complex designs in the country and innovate frugal solutions around home-grown processor ecosystems that will cater to both, global and domestic requirements. The incubation to support the winning teams will be provided by an Incubator located at their geographical proximity, coordinated by Maker Village. This is a major step towards achieving self-reliance in the hardware domain.

Out of 6000 teams in Swadeshi microprocessor challenge-2020, three teams from VESIT were selected in top 100 who made it to the Semi-finals. Mrs. Asma Parveen was one of the semi-finalists. Each Semi-finalist will get a funding of Rupees 100000/- (one lakh) towards creation of start-up and project expenses.



स्वदेशी MICROPROCESSOR CHALLENGE

INNOVATE SOLUTIONS FOR #आत्मनिर्भर भारत

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STTP on Blockchain and Its Applications

The Phase 1 of AICTE Sponsored Online Short Term Training Program (STTP) Series on 'Blockchain and Its Applications' was organised from 29th March to 3rd April 2021. The Online STTP was organised by the Department of Information Technology in Association with Department of Computer Engineering and Department of Master of Computer Applications under the guidance of VESIT IQAC and VESIT IIC. The course was designed to acquaint academicians with the Blockchain with its recent trends, likelihood of the technology to be used for societal benefits, how Blockchain could be used to solve real life problems and to enable the Faculty to add another dimension to their teaching and make them Industry ready.

The faculty from various colleges from Maharashtra, other states and in house participated in the training program. Dr. Sanjeet Kumar Nayak, Assistant Professor from IIIT, Kanchipuram, Dr. Shashidhar R, Assistant Professor from Bennett University, Uttar Pradesh and Ms. Sumithra V, Technical Lead, Honeywell, Bangalore were the speakers for the training program. The sessions were very engaging and was very well received by the participants.

Virtual laboratory Project

Dr. Shanta Sondur, Mrs. Charusheela Nehete are working on the Virtual Math-Lab App under the "Virtual laboratory" project of the Ministry of Education, Govt. of India, in collaboration with COEP with Shubhra Jena, Aaryan Raina, Hemkesh Raina, Harmeet Kathoda, Rohan Pol, Mohit Kale of final year Information Technology students.

● Scholarship

- Gaurav Mandal of SE INFT/D10A, Department of Information Technology, was awarded Rs.25000 on 31st March,2021 by Alumni Association scholarship. Co-ordinators of the event were Dr. Gresha Bhatia and Dr. Manoj Sabnis. The scholarship was awarded to help the current VESIT students during the COVID 19 situation through financial support and providing resources for their utilization.
- 6 students of the department were selected for Smt. Suman Ramesh Tulsiani Trust Scholarship. The criteria for Smt. Suman Ramesh Tulsiani Trust scholarship are that the student should have a score of at least 7.00 grade and family Income of less than three Lakh per Annum.
- Prajakta Dilip Gole of B.E. INFT/D20 was selected for Vivekanand Jyoti Scholarship and was awarded Rs.25000/- as. The criteria are, grade point of at least 7.00 and family income of less than one lakh per annum.
- Gupta Neel Santosh of S.E. / INFT/D10A, Gaurav Mandal of S.E. INFT/D10A, Surendra Vijay Totre of S.E. INFT/D10B, Chinmay G Thakur of S.E./INFT/ D10B and Shaikh Mohammed Aftab Sagir of T.E./INFT/D15 were awarded Rs.15000/- each as Student Aid scholarship. The criteria are that the student should have a score of at least 7.00 grade and family income of less than one lakh per annum.



Alumni Association scholarship

STUDENT ACHIEVEMENTS

June 2020 to Dec. 2020

- **Competitive Exams for Academic Year 2020-21:**

Name of the Student	Competitive exams given
Moksh Manchandani	TOEFL,GRE
Gayatri Belapurkar	TOEFL,GRE

- **Higher studies detail for 2020-21:**

Name of the Student	University	Field of Specialization	Status Deferred/Joined	Deferred Status

Moksh Manchandani	Binghamton University	MS Computer Science	Deferred	Fall 2021
	Pace University	MS Computer Science	Deferred	Fall 2021
Gayatri Belapurkar	University of Florida, Gainesville	MS Computer Science	Deferred	Fall 2021

● Workshops/ Seminars

● 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.
- Rohit Kundnani and Jayesh Kriplani of Third year have attended the Online workshop on Node Js organised by IEEE-VESIT
- 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 organised by ISTE-VESIT.
- Aditya Dubey of Second Year Division A attended the workshop on basics of Python and R Languages organised 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 organised by IIC-VESIT in association with Codecell-VESIT.
- Isha Gawde attended a 4-week Training workshop of Excel Automation organised by Internship studio from 3rd August 2020.
- Suraj Moolya,Pranjal Naik,Mangesh Sokalwar,Aarushi Sharma,Shasmita Raveendran and Nupur Jeswani of second year B division 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 B division attended the online workshop on Spotify Using Python organized by ISTE-VESIT conducted on 3rd and 4th October 2020.
- Raghuttam Parvatikar of second year B division 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 B division attended the online workshop on Node.js conducted by IEEE-VESIT on 22nd November 2020.
- Arushi Sharma of Second year B division 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 B division attended the JAVA Appify online workshop conducted by CSI-VESIT on 4th and 5th December 2020.

● Industry Interactions

● Project Innovations

● 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.

List of Projects (After 1st round of Elimination):

Sr.No	Student Name	Project Name
1	Megha shahri/INFT/V, Hitesh Dhameja/INFT/V	Social welfare website

	Anmol rohra INFT/V	
2	Rutuja Rajhans/IT/5, Anuja Shetye/IT/5, Shikha Masurkar/IT/5, Monika Dere/IT/5	Healthcare Application
3	Sakshi Gattani/INFT/ , Siddhi Mudras/INFT/ , Aditi Singh/INFT/ ,	Credit Card Fraud Detection
4	Jayesh Kriplani / INFT / V	Poacher detection

- **Industry Projects**

- **Internships**

- Himanshu Pingulkar of fourth year was interned as Project Intern at Foxmula for two months from May to June 2020.
- Hemantkumar Yadav of third year was 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 Wadhvani, Bhavesh Bhatia and Vinay Ludhrani of third year have been interned as web developer at Sparks Foundation for one month in the month of October 2020.
- Sahil Chawla of third year was interned as graphic designer at Xpertup technology for four months from June 2020.
- Harmeet Singh of third year is currently doing an internship as Full Stack Web Developer at Trivent Business Solutions started in November 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 was interned as Software Developer at SBI for 8 weeks started in June 2020.

- Soham Patkar of third year was interned as Web and Data Science intern at S3 infosoft for 3 months from July 2020.
- Sameer Keswani of third year has done Machine Learning internship at Threat Prism for a month in September 2020.
- Parth Kalabag was interned as MERN stack web developer at Chattel Technologies for a month in July 2020.
- Hitesh Dhameja of third year was interned as Web developer at Hellbent Software and Educational Services LLP for 2 months from October 2020.
- Hemkesh Raina of third year was interned as Video Editor at Leverage Edu for a month in December 2020.
- Omkar Parker of third year is currently doing an internship at CocoonIT Services Pvt Ltd as intern in sales department.
- Vinay Ludhrani of third year is currently doing an internship at ASTORINAS INDUSTRIES PVT LTD. as Backend Web Developer started in the month of October 2020.
- Rohan Pol, Pooja Prasad and Fayzaan Qureshi of third year are currently working as Web developers for the College website started in September 2020.
- Omkar Parker of third year was interned as intern in ERP department at Acxiom Consulting for a month in December 2020.
- Ajay Prakash Kachhela of Second year Division A was interned as a front-end developer at VESIT Renaissance Cell for 2 months from 17th May 2020.
- Isha Dattaram Gawde of Second year Division A was interned as a Graphic Designer at Digital Communications Avenue for 5 days from 7th September 2020 and is currently interning as a transcriptionist at Kahaniya from 28th December 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.

- **Skill Development Activities**

● Courses Attended

- Manju Paryani of third year is currently enrolled in Machine Learning course on UPgrade
- 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 I: 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.
- - Sameer Keswani of third year has done Machine Learning internship by Inmovidu for a month in September-October 2020
- -Soham Patkar ,Divya Kukreja and Rishika Shivanani 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 six-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 B division is currently enrolled in Forex Trading course on Udemy.
- Sampath Houde of second year B division has successfully completed Advance CSS, SASS Technologies course on Udemy.
- Vishuwardhan Mukku of second year B division 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 B division has successfully completed a course on Web Development on Udemy.
- Sristi Sharma of second year B division has successfully completed Data Science using Python course on Internshala.
- Pratik Vartak of second year B division has successfully completed a course about HTML, CSS and JavaScript on Udemy.
- Aryan 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.

● **Students Participation and Achievements**

Co-curricular Activities and Extra-curricular activities (Inter as well as Intra college)

- Participation in Inter College Competitions and Participation in Intra College Competitions
- Sumedh and Harshita won the KakushIn Nomura Hackathon
- Himanshu Pingulkar of fourth year has passed the online Python Quiz in e-Disha event conducted by VESIT IT department
- Himanshu Pingulkar of fourth year has participated in Project code 2.0 organized by KJSIT in collaboration with CodeChef
- 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
- Yash Gurnani of fourth year has participated in the IBM hack challenge 2020 conducted by IBM India University Relation
- Hitesh Dhameja and Megha Shahri of third year have secured first position in Ideathon 2020 organized by RAIT on 31st October 2020.
- Ritu kalyani of third year participated in Ideathon 2020 organized by RAIT on 31st October 2020.
- Hemkesh Raina,Sahil Sidhani ,Aaryan Raina of third year have passed the online Python Quiz in e-Disha event conducted by VESIT IT department.
- Manju Paryani,Ravi Shankar and Harsh Jain of third year have participated in PROJECT DEEP BLUE organized by Mastek- Majesco.
- Anurag Dash, Nagesh Nayak, SherAli Shaikh, Shlesha Odhekar,Akash Maurya, Srajan Shetty, Devdatta Khoche,Aniket Gupta ,Rishika Shivnani and Dharkan Mohini of third year have participated in PROJECT DEEP BLUE organised by Mastek-Majesco and reached the semi-finals.
- Fayzaan Qureshi and Sapna Patwa of third year have secured the first position in the Code for Change Hackathon organized by Codecell Vesit.
- Aaryan Raina of third year has participated in an online ethical Hacking competition organised by Vidyalankar Institute of Technology on 10th October 2020.

- Nagesh Nayak of third year has been appreciated by VESIT Student council for his valuable contribution in Streaming the Events in Invidia 2020
- 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 proudly represents his hometown Jammu and Kashmir in State level Football. (current year)
- Sarvagya Khajuria of second year B division has started a music record label SKUID RECORDS.
- Vinay Bhagtani of second year B division has started a travel agency Mahadev Travels.
- Sakshi Gattani of Second year Division A had participated in an LBS competition held in our college and the results are yet to be declared.
- Ninad Rao, Aamir Ansari, Aditi Singh and Shilpa Tholar of Second year Division A participated in the Code for Change Hackathon Held by the Student Council.
- Aamir Ansari and Isha Gawde Secured the First place in the Elucimate Competition held by ISA-VESIT.
- 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 by our branch in association with IIC-VESIT.
- Siddhi Mudras participated in Scientia Competition.
- Aditi Singh of Second year Division A secured the third place in Elucimate competition held by ISA-VESIT and had participated in the E-Hardware Hackathon held by ISA-VESIT.
- Nidhi Thakkar of Second year Division A Participated in Code overload competition held 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 Invidia 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.

- V Krishna Subramaniam of Second year Division A Secured the First Position in Nirvana PPT presentation competition in the Invincia event organised by the VESIT Student Council.
- Sakshi Lalwani and Namrata Kataria of Second year Division A participated in Mix n Mingle event in Invincia organised by the VESIT Student Council.
- 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 qualified the round 1 of National Engineering Olympiad 3.0
- Abhishek Chary of second year B division secured 1st position in the Chess for Charity event in INVINCIA' 20.
- Aastha Bohra of second year B division participated in the poster making competition in INVINCIA '20.
- Sristi Sharma of second year B division secured 3rd position in Fandom Buzz in INVINCIA '20.
- Sristi Sharma of second year B division secured third position in Nirvana conducted by VesLit circle and SoRT council and 1st position in Pundemic conducted by VesLit circle.

Jan. 2021 to May 2021

- **Higher studies details for 2020-21:**
students got admitted for higher studies in Indian and foreign universities which includes

Name of the Student	University	Field of Specialization
Atharva Potdar	USC (University of Southern California)	Master in Computer Science
Nihar Abhyankar	Awaited	Awaited
Sayali Moghe	Carnegie Mellon University	MSAI (Master of Science in Artificial Intelligence and Innovation)
Parth Kodnani	University of Maryland	Master of Science in IS (Information System)
Ayesha Gulrajani	Duke University	MEM (Master of Engineering Management)
Jay Bendre	University of California - Davis	MS in Statistics - Data Science Track
Jayesh Purswani	University of Texas, Arlington	Master in Computer Science

Competitive Exams for Academic Year 2019-20

Name of the Student	Competitive exams given
Atharva Potdar	GRE, TOFEL
Nihar Abhyankar	GATE
Sayali Moghe	GRE, TOFEL
Parth Kodnani	GRE, TOFEL
Ayesha Gulrajani	TOFEL
Jay Bendre	GRE, TOFEL
Jayesh Purswani	GRE, TOFEL

- **Student Participation**
- **Workshops/Seminars/ Co-curricular Activities**

D20

Technical event

- Gaurav Parwani of final year has completed all requirements and criteria for certified Ethical Hacker on 27th April 2021.
- Roopa Bhambhani of final year participated in IEEE Asiancon organized by Microsoft CMT on 26th April 2021 and CONIT 2021 organized by IEEE CONIT on 26th April 2021.
- Anish Chhabria of final year participated in Cyber Apocalypse 2021 organized by hack the box on 21st April 2021 and Dalal street organized by ISTE-VESIT on 22nd April 2021.
- Jatin Acharya of final year participated in VesitHacks organized by VESIT Entrepreneurship Cell on 2nd April 2021.

Non-Technical event

- Jatin Acharya of final year won 1st place in Dalal Street organized by ISTE-VESIT on 22nd April 2021, 1st place in Valorant Gaming Event (URJA) organized by VESIT –Sports Council on 20th March 2021 and won 1st place in CSI-VESIT Lan-gaming (Valorant) organized by CSI-VESIT on 2nd March 2021.

D15

Technical events

- Hitesh Dhameja of third year participated in Line Of Code 3.0 Hackathon conducted by DJ Sanghavi College of Engineering and in the Project Competition of Techgyanathon conducted by Vasantdada Patil Pratishtha College of Engineering, and also participated in Technovation 2021 conducted by TSEC Codestorm.
- Anurag Dash has achieved a Global rank 142 in Codechef Div 3 March Long Challenge.
- Rohit Kundnani received 4 Stars in 30 days of Code and 5 stars in Problem solving on HackerRank LBS

D15

Non-Technical Event

- Akash Maurya of third year won the LAN tournament conducted by CSI-VESIT.

D10A

Technical Events

- Sakshi Karche secured Rank 1 in Python Globally on Hackerrank.
- Ninad Rao, Anusha Shetty and Sakshi Karche of second year won 1st place in IQuaranteen organized by CSI-VESIT.
- Ninad Rao of second year won 1st place in Online Treasure Hunt organized by IEEE-VESIT.
- Sakshi Gattani underwent a virtual training experience by Goldman Sachs.

Non-Technical Events

- Aamir Ansari of second year won 1st place in Valorant in Sphurti organized by VESIT Sports council.
- Aditya Dubey of second year won 1st place in Valorant in URJA organized by VESIT Sports council.
- Aditya Dubey of second year won 2nd place in 2048 in URJA organized by VESIT Sports council.
- Suchindra Walavalkar of second year won 1st place in VPL organized by VESIT Sports Council.
- Nidhi Thakkar and Vaibhavi Jadhav of second year won 1st place in Chess Urja organized by VESIT Sports Council.
- Rahul Nailwal of second year won 1st place in Sports Hunt in Urja organized by VESIT Sports Council.
- Vishnu Mukku of second year won 1st place in IPL auction organized by CSI-VESIT.

D10B

Technical events

- Sristi Sharma of second year participated in Round 1 of CTRL + HACK + DEL INEQUALITY organized by Accenture India.
- Nupur Jeswani of second year participated in Accenture's Hackathon for Equality organized by Accenture.
- Jatin Gogia of second year ranked 2nd in Code Knights organized by CSI –VESIT.

Non-Technical Events

- Anurag Thakur of second year participated in ISRO Lunar remote Sensing and its Applications organized by Indian Institute of Remote Sensing (IIRS), ISRO, Dehradun, Uttarakhand.
- Atharva Sawant of second year ranked 1st in Valorant in URJA organized by VESIT(URJA) Sports council.
- Ketan Bhalerao of second year ranked 1st in CricoMania organized by CSI-VESIT.
- Kristy Makhija of second year ranked 1st in Sports Hunt organized by VESIT-Sports council.

• Industry Projects

• Internships

D20 Internships

- Ninad Wadode of final year completed a course as Senior Trainee in AWS Cloud organized by Capgemini on 24th March 2021.

D15 Internships

- Rohan Asrani, Paras Nandwani, Rutuja Rajhans, Sahil Sidhani, Ritik Wadhwani, Manju Paryani and Pratik Dubey of third year completed their internship as Web developer intern in the Sparks Foundation for 1 month.
- Aaryan Raina of third year completed his internship as Business Develop (FundRaising intern & Strategies Development) in the Jankalyan Multipurpose Education Society for 7 days.
- Megha Shahri of third year completed her internship as Website Developer in the Rudraksha Welfare Foundation for 3 months.
- Sapna Patwa of third year completed her internship as Web Developer in the Human Team Foundation for ongoing.
- Anmol Rohra of third year completed her internship as Intern as content writer, social media marketing in the Chef Connect, India for 1 month.
- Geet Ramchandani of third year completed his internship as Web developer in Fitolo for 2 months.

D10 A Internships

- Aditi Singh of second year interned at The Sparks Foundation for a period of as Web development Intern."

D10B Internships

- Atharva Sawant of second year is working as an Web Development And Design intern in the Sparks Foundation for an ongoing period.
- Sampath Houde of second year is working as an Android Developer intern in the Revmeup organization for an ongoing period.

Workshops Attended

D20

- Parikshit Thatte, Jatin Acharya, Ria Bahrani and Saurav Jeswani of final year completed a workshop on Trading and Investing organized by VESIT on 8th April 2021.

D15

- Soham Patkar and Jayesh Kripalani of third year attended ISTE-VESIT workshop on ML conducted by ISTE-VESIT.
- Sahil Rajesh Chawla of third year attended Leaflet.Js Workshop conducted by ISA-VESIT-VESIT.
- Rohit Kundnani of third year attended Node JS conducted by CSI-VESIT.
- Shreyas Khadapkar, Navin Rohra, Dinesh Gulabani of third year attended Trading and Investing Workshop conducted by Praxis 21, VESIT.
- Amar Ahuja, a third year, attended Flutter workshop conducted by ISTE-VESIT-VESIT.
- Rutuja Rajhans of third year attended Brain game conducted by Brain game.
- Navin Rohra of third year attended Instagram using python conducted by Instagram using Python.
- Jayesh Kriplani of third year attended Analytics Vidhya - Master Data Science conducted by Analytics Vidhya - Master Data Science.

- Divya Kukreja, Parth Kalbag, Ritu Kalyani, SherAli Shaikh and Aaryan Raina of third year attended Microsoft AI classroom conducted by Microsoft AI classroom.
- Pratik Dubey of third year attended a work on Developing a COVID tracker app using Python and StreamLit conducted by AIprobably.

D10A

- Kachhela Ajay, of second year attended Google Colab Machine Learning App conducted by PlanB.
- Rahul Nailwal, Jisha Anna Philip, Isha Gawde and Vaibhavi Jadhav of second year attended Trading and Investing Workshop conducted by e Praxis 21, VESIT.
- Ninad Rao and Swarali Patil of second year attended Microsoft AI Classroom Series conducted by Microsoft Azure Team.
- Ayub Choudhari, of second year student, attended Django workshop conducted by CSI-VESIT- VESIT.
- Ryan Rodricks, of second year, attended a Machine learning workshop conducted by ISA-VESIT and CSI-VESIT-VESIT.
- Swarali Patil and Namrata Kataria of second year attended Leaflet.js conducted by ISA-VESIT-VESIT.
- Namrata Kataria of second year attended Cloud computing conducted by ISA-VESIT.
- Nidhi Thakkar and V Krishnasubramaniam of second year attended Microsoft AI Classroom conducted by Microsoft.
- V Krishnasubramaniam of second year attended Basic Photography Workshop conducted by ISTE-VESIT-VESIT.
- Sakshi Karche, Jisha Anna Philip and Isha Gawde of second year attended Flutter Workshop conducted by ISTE-VESIT-VESIT.
- Sakshi Karche and Ryan Rodricks of second year attended UI/UX Figma workshop conducted by ISA-VESIT.
- Suchindra Walavalkar of second year attended Women in Engineering conducted by ISA-VESIT.

- Nidhi Thakkar, a second-year student, attended Microsoft AI classroom conducted by Microsoft.
- Mugdha Sholapure of second year attended Spotify Workshop conducted by ISTE-VESIT-VESIT.
- Mugdha Sholapure, Aditya Dubey and Anish Inamdar of second year attended AI Probably conducted by CSI-VESIT- VESIT.
- Isha Gawde, V Krishnasubramaniam, Khan Riyaz Ahmad Ishraque Ali, Aamir Ansari, Sreekesh Iyer, Sakshi Karche, Swarali Patil, Jisha Anna Philip, Mugdha Sholapure of second year attended Machinera : Course 2 on Data Preprocessing and Web Scraping conducted by ISTE-VESIT-VESIT.
- Khan Riyaz Ahmad Ishraque Ali, V Krishnasubramaniam, Aamir Ansari, Jisha Anna Philip, Isha Gawde, Kanabar Kanaiya Giradharlal and Ninad Rao of second year attended Machinera : Course 3 - AI Foundation and Model Training conducted by ISTE-VESIT-VESIT .

D10B

- Anurag Thakur of second year attended IBM big data analytics workshop and GUVI face recognition using python conducted by IMS Ghaziabad.
- Anurag Thakur, Krishna Kansara of second year attended GUVI conducted by Microsoft.
- Anurag Thakur, Aaryan Mehta, Adarsh Panigrahi, Aarushi Sharma, Ketan Bhalerao of second year attended Machine Learning conducted by VESIT.
- Anurag Thakur of second year attended Data Science workshop conducted by VESIT.
- Anurag Thakur of second year attended GUVI Python Guinness record workshop conducted by GUVI and Trading and Investing conducted by VESIT.
- Pranav awhad of second year attended workshop for Netbeans by CSI- VESIT.
- Nidhi Jain, Nupur Jeswani, Kristy Makhija, Pranjal Naik, Rohan Padhye, Atharv Parab, Soham Shimpi, Chinmay Thakur, Ketan Bhalerao, Aryan Dubey, Hanish Valecha of second year attended GITHUB workshop conducted by VESIT.

- Nidhi Jain, Nupur Jeswani, Krishna Kansara, Kristy Makhija, Rohan Padhye, Atharv Parab, Aarushi Sharma, Soham Shimpi, Chinmay Thakur, Pratik Vartak, Aryan Dubey, Hanish Valecha of second year attended NodeJS Workshop conducted by VESIT.
- Nidhi Jain, Adarsh Panigrahi, Sanjana Prakash, Pratik Vartak of second year attended Bootstrap Workshop conducted by VESIT.
- Nupur Jeswani, Krishna Kansara, Kristy Makhija, Aaryan Mehta, Adarsh Panigrahi, Atharv Parab, Aarushi Sharma, Soham Shimpi, Chinmay Thakur, Hanish Valecha of second year attended PHP & LARAVEL conducted by VESIT.
- Aaryan Mehta, Rohan Padhye, Ekta Rohra, Sanjana Prakash, Ketan Bhalerao of second year attended Python Workshop conducted by VESIT,
- Pranjal Naik, Ekta Rohra of second year attended Javascript conducted by VESIT.
- Raghuttam Parvatikar, Pratik Vartak, Aryan Dubey of second year attended Django conducted by CSI VESIT.
- Sanjana Prakash. Ekta Rohra of second year attended workshop on web development using PHP conducted by VESIT.
- Sristi Sharma, Adarsh Kadam, Omkar Dnyaneshwar Pawar, Ashish Shingade of second year attended Covid Tracker App using Python conducted by AIprobably.
- Himanshu Rathod of second year attended Trading and investing workshop conducted by VESIT.
- Shivam Singh of second year attended Basic Photography Workshop by VPC conducted by VESIT.
- Vinay Bhagtani of second year attended Build a Face recognition application using python By GUVI conducted by GUVI.
- Adarsh Kadam of second year attended Covid tracker app using Python and Streamlit conducted by AIprobably.
- Vishnu Mukku of second year attended CSI workshop for java conducted by CSI-VESIT.

Conference/Publication

D20

- Nikita Makhija, Karishma Gowde, Hitesh Ochani, “HealthyHeart: ML based Analysis and Prediction of Cardiovascular Diseases” International Journal of Creative Research Thoughts (IJCRT), Volume 9, Issue 4 April 2021, ISSN:2320-2882
- Deepak Mulwani, Gaurav Parwani, Bhagyashree Thanwani, Deepak Bathija,” Fake News Detection”, International Research Journal of Engineering and Technology (IRJET), 4 April 2021, Volume: 08 Issue: 04, -ISSN: 2395-0056
- Jeetu Gwalani, Vishal Maurya, Datta Vardan Muvvala, “Real-Time Vehicle Detection and Safety Alarm System”, International Research Journal of Engineering and Technology (IRJET), April 2021, Volume: 08 Issue: 04, -ISSN: 2395-0056
- Sumedh Ghavat, Parth Kodnani, Harshita Singh, ”An Overview of Different Techniques to Provide Semantics to Remote Sensing Data”, Asian Journal of Convergence in Technology, April 2021, Volume VII and Issue I ISSN NO: 2350-1146
- Sumedh Ghavat, Parth Kodnani, Harshita Singh ”DeepSight : Land Use and Land Cover Classification Using Satellite Images” IEEE 2nd International Conference of Emerging Technologies 2021(2nd INCET 2021) , Belgaum ,Karnataka ,India, 21st–23rd May 2021.
- Saily Natekar, Shivani Patil, Aishwarya Nair, “Forest Fire Prediction using ML and AI”, IEEE 2nd International Conference of Emerging Technologies 2021(2nd INCET 2021) , Belgaum ,Karnataka ,India, 21st– 23rd May 2021.
- Sabade Juyee, Shrirame Vishwa, Soneta Hitesh, “Consumer Behavior Analysis using Machine Learning Algorithms”, “IEEE CONECCT 2020”, 2-4 July 2020, ISBN:978-1-7281-6829-6.
- Agrawal Riya, Bajaj Hena, Gupta Rekha, “Health care recommendation system using patients' review”, “International Conference on Real-Time Supervisory Control“ ICRTSC20, 28-29 Sept 20.
- Ansari Sana, Tandel Anisha, Kalra Sumeet, “Heart Rate Detection System” Purakala (UGC Care Journal),” International Research Journal of Engineering and Technology (IRJET)”, Sept 2020, ISSN: 2395-0056.

- Bellara Chirag, Madheshia Raj, Patil Pranali, “BrainKey: A Virtual Keyboard Controlled using Eye blinks” International Journal of Creative Research Thoughts (IJCRT), Volume 9, Issue 3 March 2021, ISSN: 2320-2882.
- Bhatia Ronit, Iyer Anirudh, Shinde Aniket, “Future Face Predictor using Generative Adversarial Networks”, “International Journal of Advances in Engineering and Management (IJAEM)”, August 2020.
- Bahrani Mohit, Bedi Akash, Santwani Divya, “Texterizer”, “International Journal of Engineering Research & Technology (IJERT)”, July-2020, ISSN: 2278-0181.
- Aswani Dhiraj, Mulchandani Juhi, Sadhwani Sahil, “Pharmaledger - An Improved Solution to identify counterfeit drugs in Supply Chain”, “Alochana Chakra Journal”, July 2020.
- Lalwani Yash, Chandnani Himanshu, Kripalani Kapil, “Blockchain based Insurance Process”, Journal of Emerging Technologies and Innovative Research (JETIR), Volume 8, Issue 3, March 2021, ISSN-2349-5162.
- Ranglani Anmol, Khemani Laksh, Singh Amarjeet, “OWRIS (Office Work Reimbursement Information System)”, “International Journal of Scientific Development and Research (IJSDR), July 2020.
- Sumedh Ghavat, Parth Kodnani, Harshita Sing, “An overview of different techniques to provide semantics to remote sensing data”, Asian Journal of Convergence in Technology, April 2021, ISSN NO: 2350-1146.
- Anshul Chaudhary, Anish Chabria, Jatin Acharya, “Detecting Malware Malicious URLs and Virus using Machine Learning and Signature Mapping”, “2nd INCET 2021”, “INCET2021 (International Conference of Emerging in Technology): IEEE”, May 2021.
- Jay Pakale, Ninad Wadode, Shubham Darekar, “VR PHOTOGRAPHY EMBEDDED MAP WITH GRID BASED INDOOR POSITIONING”, “2nd International Conference for Emerging in Technology - 2nd INCET 2021”, May 2021.
- Ayesha Gulrajani, JAY BENDRE, Vignesh Pillai, “Relevium - Disaster Management using Twitter”, “IEEE Sponsored on International Conference on Intelligent Technologies 2021”.
- Roopa Bhambani, Richa Chainani, Heena Lulla, “Infrastructure Management and Prediction during Covid-19 Pandemic”, International Journal of All Research Education and Scientific Methods (IJARESM), May 2021, ISSN: 2455-6211

Courses Attended

D20

- Sayali Moghe of final year completed a course on Machine Learning A-Z™: Hands-On Python & R In Data Science organized by Udemy on 2nd March 2021.
- Sayali Moghe of final year completed a course on Introduction to Artificial Intelligence (AI) organized by IBM by Coursera on 11th April 2021.
- Anish Chhabria of final year completed a course on CCNA organized by Cisco on 23rd Feb 2021.
- Anish Chhabria of final year completed a course on Splunk 7.X fundamentals organized by splunk on 28th March 2021.

D15

- Simran Nara of third year attended Fundamentals of Data Analytics conducted by LEAPS.
- Hitesh Dhameja of third year attended Beginners guide to Android App Development (Step by Step) conducted by Udemy.
- Rohan Jadhav of third year attended Google analytics for beginners conducted by Google analytics academy.
- Hemkesh Raina of third year attended Building Web Applications in PHP conducted by Coursera.
- Hemkesh Raina of third year attended Microsoft AI Classroom Series conducted by Microsoft.
- Vedant Giri of third year attended Django Basic Tutorial conducted by UDEMY.
- Vedant Giri of third year attended Intro to Machine Learning conducted by KAGGLE.

D10A

- Yash Raje of second year completed a course on Python Certification Training (beginner to advanced) 2021 organized by Udemy.

- Yash Raje of second year completed a course on Learn Figma - UI/UX Design Essential Training organized by Udemy.
- Nidhi Thakkar and Nidhi Bangera of second year completed a course on PHP organized by Sololearn.
- Suchindra Walavalkar of second year completed a course on CS50 organized by Cambridge, Massachusetts.
- Vaibhavi Jadhav of second year completed a course on Data Structure in C organized by Great Learning Academy.
- Vaibhavi Jadhav of second year completed a course on Python for Machine Learning organized by Great Learning Academy.
- Vaibhavi Jadhav of second year completed a course on Python Fundamentals for Beginners organized by Great Learning Academy.
- Ninad Rao of second year completed a course on Body language: Key to professional Success organized by VESIT NPTEL Local Chapter.

D10B

Atharv Parab of second year completed a course on Build a Face Recognition Application using PYTHON organized by GUVI.

- Anurag Thakur of second year completed a course on Stanford University's code in place organized by Stanford University, Computational thinking- Coursera organized by Michigan University- courser, GUVI python course, Problem solving using computational thinking organized by University of Michigan.
- Lokesh Devnani of second year completed a course on java organized by Kamal classes mumbai.
- Aryan Dubey of second year completed a course on Coursera work smarter course organized by Coursera.
- Khushi Hotwani and Teena Lalwani of second year completed a course on Work Smarter, not Harder organized by VESIT.

ENTREPRENEURSHIP

D15

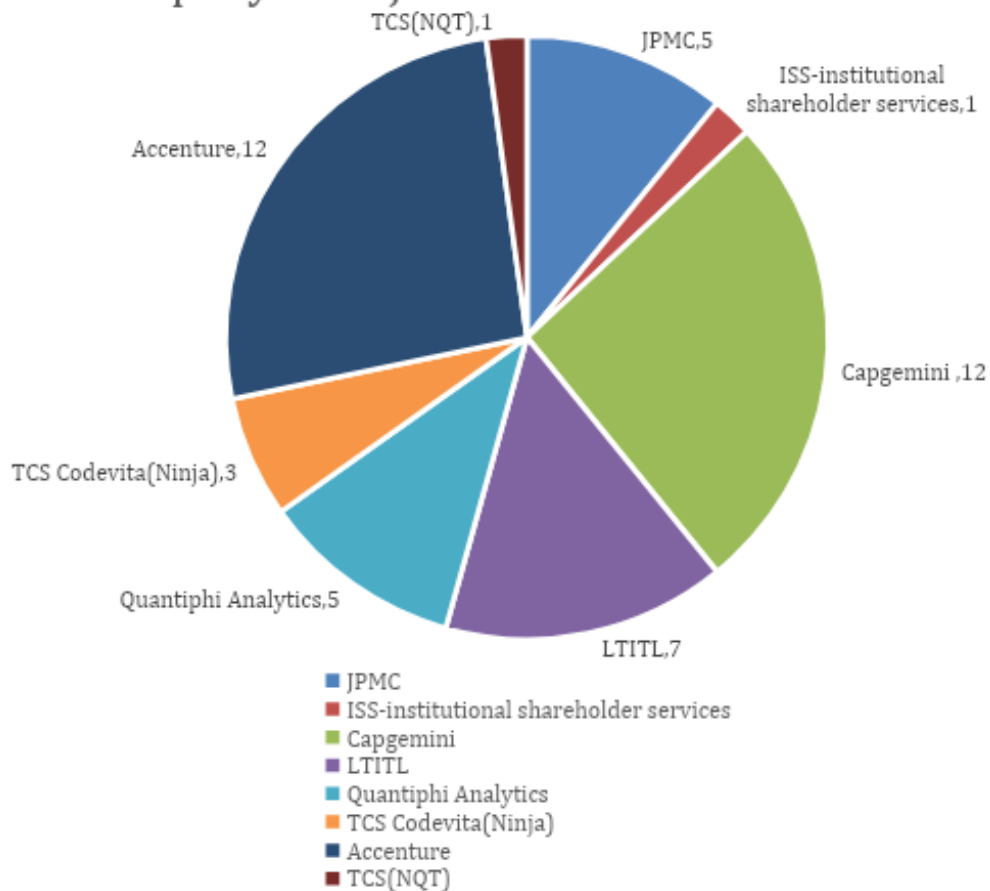
- Rohan Jadhav owns Ideal Craze, a service-based e-commerce website and another simple website working on advertisement and digital marketing techniques.

Information Technology placement record for the year 2020-21

Sr. No.	Company	INFT	Salary (Lac/Annum)
1	JPMC-CFG	5	12+2
2	Carwale	0	7.5
3	Interactive brokers	0	8.28
4	Indus Valley Partners	0	6.5
5	ISS-institutional shareholder services	1	8
6	Dolat Capital	0	6
7	Capgemini	12(5)	3.8 and 6.8
8	LTITL	7	5 and 6.5
9	Quantiphi Analytics	5	6.5+2
10	TCS Codevita(Ninja)	3(3)	3.6
11	TSS	0	6
12	Cyber Inc	0	8
13	Amazon AWS	Awaited	
14	Dark horse Digital	0	4
15	Accenture	12(3)	4.5 and 6.5
16	Acumen Security	0	5
17	MAQ	1(1)	6
18	Sankey Business Solutions	0	3
19	L&T (GET)	0	6
20	TCS(NQT)	1	3.26
21	Ernst & Young	0	4.25
22	Nomura	1(1)	7.42+2 lakhs
23	Montran Corporation	1	3.5 Lakhs
24	Delloite	2	7.6
25	AurionPro	1	3.5
26	NCDEX emarket	1	4.5
27	Willis Tower Watson	1	5.5
28	Elastic Run	1(1)	6

29	Network Marvel	1	5.25
30	IDFC Bank	0	12.5+2.5
31	Paktolus	0	3
32	Vistaar	0	3.3
33	Cere Labs	0	3.6
34	Alight services India	0	5
	Job Offered	56(14)	
	Strength (Total)	73	
	Strength (Interested)	67	
	Total Placed	42	
	Second (or More) Jobs	14	
	% Offered (Strength)	76.71	
	% Offered (Interested)	83.58	
	% Placed(Interested)	62.68	
	Minimum Salary	3.6 lakhs	
	Maximum Salary	14 lakhs	
	Average Salary	6.6lakhs	
	No of Companies	34	

Company wise Job Offers 20 -21 Inft Branch

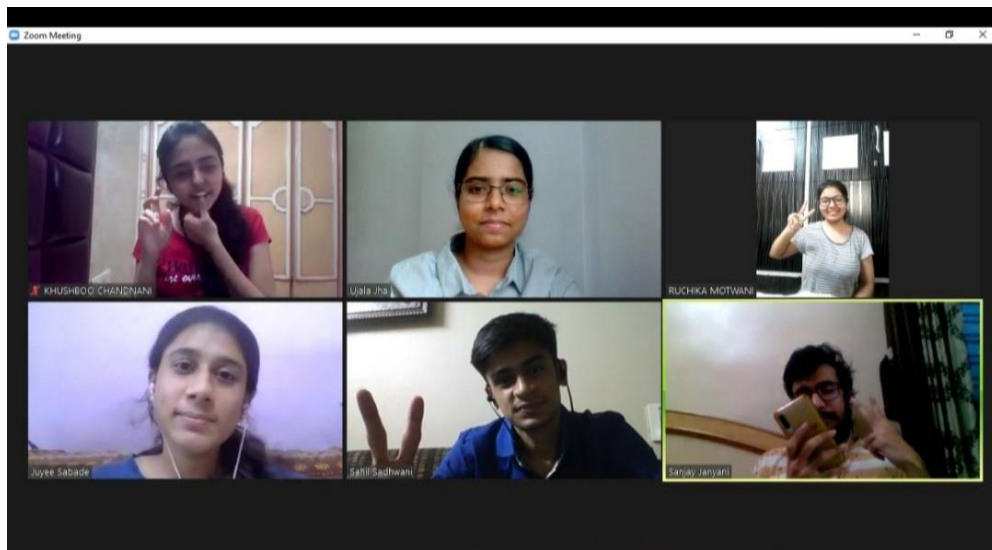


- Photos

1. Swechhha



2. SIH Winner





SMART INDIA
HACKATHON
2020

Proud to share Achievement of
the students of VESIT

Our team has won the
National Level
Smart India Hackathon, SIH2020

Team Name : **SPARX** | Winning Prize : **Rs. 1 Lac**

MEMBERS

 Khushboo Chandnani (BE IT)	 Ujala Jha (BE IT)	 Juyee Sabade (BE IT)
 Sanjay Janyani (BE IT)	 Sahil Sadhwani (BE IT)	 Ruchika Motwani (BE IT)
 Mr. Amit Singh (Mentor)	 Mr. Sridhar Patnaik (Mentor)	 Mrs. Rohini Temkar (SPOC)

Problem Statement : Job Recommender System
Nodal Center : Vel Tech, Chennai

Patron : _____

Dr. (Mrs.) M. Vijayalakshmi
Vice Principal

Dr.(Mrs.) J. M. Nair
Principal

Shri. B. L. Boolani
President, VES

PROGRAM ASSESSMENT COMMITTEE REPORT
[AY 2020-21 Even Sem]
Based on the results of AY 2019-20 Odd Semester

The Program Assessment Committee meeting was conducted on 7th May 2021 to analyse the results of Semester III, V and VII.

The following members were present for the meeting:

1. Dr. Mrs. Shanta Sondur
2. Mrs. Smita Jangale
3. Mr. Manoj Sabnis
4. Mrs. Charusheela Nehete

Tables below represent the result analysis for semester III, V and VII.

Sem III (A.Y. 2020-21): Result Analysis								
Subject Name	Evaluation Tool	Total Students	Average Marks	>= 70 %	>= 60 % and <70%	>= 50 % and <60%	>= 40 % and <50%	< 40 %
EM -III	ESE	127	68.98	122	4	0	0	1
	IA	127	14.98	97	26	2	2	0
	Theory (Total)	127	83.97	122	4	0	0	1
PCPF	ESE	127	59.06	91	31	5	0	0
	IA	127	17.76	124	2	1	0	0
	Theory (Total)	127	76.82	107	19	1	0	0
DSA	ESE	127	62.2	110	14	2	1	0
	IA	127	16.11	119	6	1	1	0
	Theory (Total)	127	78.31	115	9	2	1	0
DMS	ESE	127	66.55	122	4	1	0	0
	IA	127	19.39	127	0	0	0	0
	Theory (Total)	127	85.94	126	1	0	0	0
POC	ESE	127	72.27	126	1	0	0	0
	IA	127	19.57	126	1	0	0	0

	Theory (Total)	127	91.83	127	0	0	0	0
Computer Programming Paradigms Lab	Term Work	127	21.53	117	2	2	6	0
	OR/PR	127	20.24	112	11	0	4	0
DATA STRUCTURES LAB	Term Work	127	21.51	116	7	2	2	0
	Practical	127	20.22	110	10	1	6	0
SQL LAB	Term Work	127	22.69	123	2	0	2	0
	Practical	127	20.93	112	10	5	0	0
JAVA PROGRAMMING LAB	Term Work	127	21.76	122	3	1	1	0
	Practical	127	21.17	118	4	4	1	0
MINI PROJECT	Term Work	127	22.17	117	6	1	3	0
	Practical	127	21.57	121	4	1	1	0

Sem V (AY 2020-21): Result Analysis								
Subject Name	Evaluation Tool	Total Students	Average Marks	>= 70 %	>= 60 % and <70%	>= 50 % and <60%	>= 40 % and <50%	< 40 %
MEP	ESE	74	64.32	71	3	0	0	0
	IA	74	16.24	69	3	0	0	0
	Theory (Total)	74	80.57	71	3	0	0	0
IP	ESE	74	71.77	74	0	0	0	0
	IA	74	17.62	73	1	0	0	0
	Theory (Total)	74	89.39	74	0	0	0	0
ADMT	ESE	74	68.09	71	3	0	0	0
	IA	74	18.42	74	0	0	0	0
	Theory (Total)	74	86.51	74	0	0	0	0
CNS	ESE	74	61.16	65	8	1	0	0
	IA	74	17.91	73	1	0	0	0
	Theory (Total)	74	79.07	72	2	0	0	0

ELECTIVE-I	ESE	74	65.41	73	1	0	0	0
	IA	74	19.01	74	0	0	0	0
	Theory (Total)	74	84.42	73	1	0	0	0
INTERNET PROGRAMMING LAB	Term Work	74	20.15	62	9	1	2	0
	OR/PR	74	21.34	68	4	1	1	0
SECURITY LAB	Term Work	74	20.84	70	2	1	1	0
	Practical	74	20.12	67	5	0	2	0
O L A P LAB	Term Work	74	21.81	73	1	0	0	0
	Practical	74	21.88	74	0	0	0	0
I O T (MINI PROJECT) LAB	Term Work	74	21.35	65	3	3	3	0
	Practical	74	20.97	67	5	1	1	0
BUSINESS COMMUNICATION & ETHICS	Term Work	74	47.72	74	0	0	0	0
	Practical	74	47.72	74	0	0	0	0

Sem VII (A.Y. 2020-21): Result Analysis								
Subject Name	Evaluation Tool	Total Students	Average Marks	>= 70 %	>= 60 % and <70%	>= 50 % and <60%	>= 40 % and <50%	< 40 %
END	ESE	73	65.67	66	6	1	0	0
	IA	73	19.78	73	0	0	0	0
	Theory (Total)	73	85.45	68	5	0	0	0
IS	ESE	73	60.64	61	11	1	0	0
	IA	73	18.3	71	1	1	0	0
	Theory (Total)	73	78.95	70	3	0	0	0
AI	ESE	73	67.37	69	2	1	1	0
	IA	73	17.32	71	2	0	0	0
	Theory (Total)	73	84.68	71	0	2	0	0
DLO- SOFTWARE TESTING & QUALITY ASSURANCE	ESE	73	67.22	72	1	0	0	0
	IA	73	19.88	73	0	0	0	0
	Theory (Total)	73	87.1	72	1	0	0	0
	ESE	37	66	35	1	0	1	0
	IA	37	18.57	37	0	0	0	0

ILO- MANAGEMENT INFORMATION SYSTEM	Theory (Total)	37	84.57	36	0	1	0	35
ILO- OPERATION RESEARCH	ESE	24	75.29	24	0	0	0	0
	IA	24	19.83	24	0	0	0	0
	Theory (Total)	24	95.13	24	0	0	0	49
ILO- CYBER SECURITY AND LAWS	ESE	12	67.58	12	0	0	0	0
	IA	12	18.08	12	0	0	0	0
	Theory (Total)	12	85.67	12	0	0	0	60
Network Design Lab	Term Work	73	23	73	0	0	0	0
	Practical	73	21.47	73	0	0	0	0
Advance Security Lab	Term Work	73	22.29	73	0	0	0	0
	Practical	73	21.44	73	0	0	0	0
Intelligence System Lab	Term Work	73	21.95	72	1	0	0	0
	Practical	73	21.7	73	0	0	0	0
Android Apps Development Lab	Term Work	73	21.62	73	0	0	0	0
	Practical	73	22.03	73	0	0	0	0
Project	Term Work	73	42.26	68	5	0	0	0
	Practical	73	21.73	69	1	0	3	0

Conclusion based on Result Analysis:

Sem III, V and VII results were analysed and found to be excellent. Almost more than 90% of the students scored more than 70-80% marks in each of the subjects. Due to COVID-19 pandemic, all exams (ESE, IA1, IA2, Practical and Oral exams) were conducted online successfully as per the University guidelines.

Program Assessment Committee Members

Dr. Mrs. Shanta Sondur
Mrs. Smita Jangale
Mr. Manoj Sabnis
Mrs. Charusheela Nehete

Department Advisory Board Meeting Report

(AY 2020-21 Even Sem)

An online DAB Committee meeting was conducted on 08th May from 4:00 pm to 5:45 pm. The following members were present for the meeting.

1. Dr. Prasad Ramanathan (Capgemini, Mumbai)
2. Mr. Haresh Hiranandani (Accenture, Mumbai)
3. Mrs. Sonali Gokhlani (Parent)
4. Mr. D.P Jena (Parent)
5. Mr. Nikunj Gala (Alumni)
6. Ms. Neha Sumaney (Alumni)
7. Ms. Harshita Singh (Student-BE)
8. Mr. Aakash Mourya (Student-TE)
9. Dr. (Mrs.) M.Vijayalakshmi (Vice-Principal, VESIT)
10. Dr. (Mrs.) Shalu Chopra (H.O.D, IT Dept., VESIT)
11. Dr. (Mrs.) Shanta Sondur (Professor, IT Dept., VESIT)
12. Mr. Manoj Sabnis (Associate Professor, IT Dept. VESIT)
13. Mrs. Smita Jangale (Dy. HOD, IT Dept. VESIT)
14. Mrs. Asma Parveen (Assistant Professor, IT Dept. VESIT)
15. Mrs. Charusheela Nehete (Assistant Professor, IT Dept. VESIT)

Agenda of the DAB meeting:

1. To provide suggestions for the overall improvement (Result and Placement) of the students.
2. To discuss the methodologies adopted for online teaching and online examinations during pandemic.

The meeting started with the discussion on the various technical activities conducted during lockdown period followed by the discussion on tools used for online teaching and online examinations, Result analysis for the previous academic year and current placement status.

The following were the suggestions given by advisors in this committee.

Dr. (Mr.) Prasad Ramanathan from Capgemini, Mumbai, who is the senior advisor for this committee and Mr. Haresh Hiranandani from Accenture, Mumbai, who is parent of one of our alumni and also one of the advisors in the DAB Committee suggested following:

1. The internal marks are now the only way of differentiating between the better students and the not-so-good students -- so make sure that the internal assessments are now completely different from the way it was done until last year.
2. In a virtual environment, you are now required to compete with the best of on-line resources such as from Edureka, Udacity, NPTEL, etc. Competition is no longer restricted to being better than Thadomal Shahani or SPIT college. Need to figure out how to stay ahead of competition now.
3. Keep each of the online sessions to a max one hour.
4. Adequate team assignments to reconfirm the understandings and one of the team lead presents the gist
5. More interactive sessions with Q&A to increase participation should be conducted.
6. Encourage physical fitment and joint fun events to build bonding and create the feeling that 'we are together'

Mr. Nikunj Gala and Ms. Neha Sumaney, who are the VESIT -Alumni in this committee suggested the following points:

1. Use some sort of coding platforms (like leetcode) for internal assessments and assignments. This will help students learn new things in a practical way and polish their thought process towards problem solving.

Ms. Harshita and Mr. Aakash, students of IT department suggested following:

1. Increase and promote practicality of things like problem solving, using newer technologies.
2. Demonstration of practical is expected by students.
3. There should be some kind of workshop/ initiative from the department to acclimatize us to actual modern technology
4. Rather have a few good programming assignments on hacker rank and other platforms rather than numerous copy paste assignments.

Mrs. Sonali Gokhlani, the parent of one of the BE students, insisted that there should be a demo lecture for practicals.

Mr. D.P. Jena, Father of one of the TE students appreciated the efforts every faculty has been taking throughout the semesters in such a pandemic situation.

Conclusion:

It is decided to incorporate good programming team assignments on hacker rank and other platforms rather than copy paste assignments. Students will be asked to present the solution to the given problem statement to the concerned subject teacher for each practical assignment.

Also, it is decided to arrange more and more workshops for the students which will make students aware of modern technologies.

DAB COMMITTEE

Sr. No	Name	DAB Designation	Organization Details	Contact Number and email
1	Dr. Prasad Ramanathan	Sr. Advisor	Capgemini, Mumbai	961971039 prasad.ramanathan@capgemini.com
2	Mr. Haresh Hiranandani	Advisor, Parent	Accenture, Mumbai	9890675892 hareshhiranandani0@gmail.com
3	Mr. Nikunj Gala	Alumni	ASK Investment Managers	nikkunj33@gmail.com 9664107108
4	Ms. Ayushi Gaur	Alumni	J P Morgan and Chase	8097593845 Ayushi.gaur@ves.ac.in
5	Mrs.Gouri Channe	Parent	BPCL, Mumbai	channegl@bharatpetroleum.in
5	Ms. Isha Shetty	Student (Final Year)	VESIT	8454077267 2015.isha.shetty@ves.ac.in

6	Mr.Raj Madheshia	Student (Third Year)	VESIT	9860403620 2016.raj.madheshia@ves.ac.in
7	Dr.(Mrs.) M.Vijayalakshmi	Vice- Principal	VESIT	9820882766 m.vijayalakshmi@ves.ac.in
8	Dr.(Mrs.) Shalu Chopra	HOD	VESIT	9819014579 shalu.chopra@ves.ac.in
9	Mrs. Smita Jangle	Dy. HOD, DAB Member	VESIT	9869190837 smita.jangale@ves.ac.in
10	Dr.(Mrs.) Shanta Sondur	DAB Member	VESIT	9769259888 shanta.sondur@ves.ac.in
11	Mr. Manoj Sabnis	DAB Member	VESIT	9821586595 manoj.sabnis@ves.ac.in
12	Mrs. Charusheela Nehete	DAB Member	VESIT	7506478343 charusheela.nehete@ves.ac.in
13	Mrs. Asma Parveen	DAB Member	VESIT	9967781278 asma.parveen@ves.ac.in