



VIVEKANAND EDUCATION SOCIETY'S  
Institute of Technology

# VISHWAKARMA

## 2021

RESILIENCE IN UNCERTAINTY

# Seemingly, Seeking, Serenity

I have been trying my hardest to find serenity

To feel calm and at peace,

As though in one fell swoop

The weight of the world on my shoulders was replaced by feathers, light and pure.

I have been seeking.

Seeking out for the person I actually am,

Distinguishing the golden among the rough

The traits I should keep and the traits I should let go of.

I have seemingly been doing all these,

But in truth

I have just been trying.

Trying to keep my head above the crashing waves,

Remaining gentle yet fierce in the face of fire

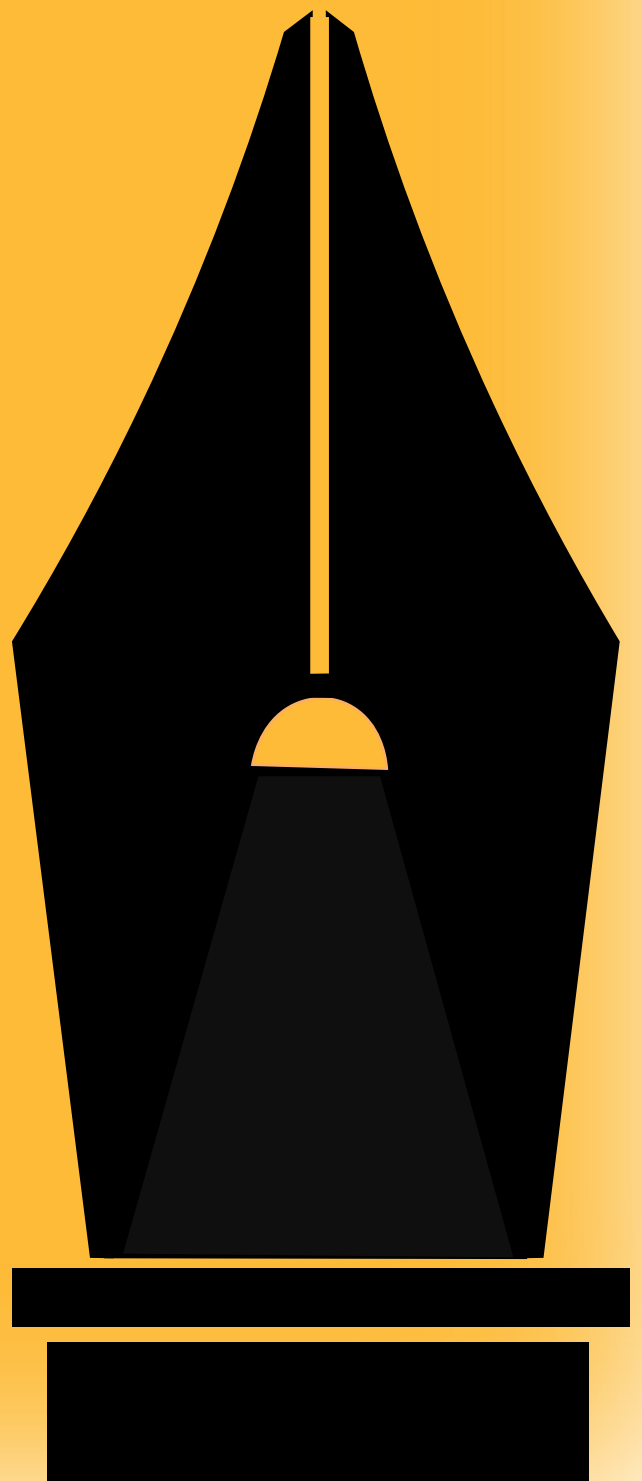
Building resilience despite feeling weak.

I have been,

Seemingly, seeking, serenity

And I am still trying, day by day.

- Tanya Dubey (D9B)



# Editorial

The previous issue of Vishwakarma was released on the last working day of college. While all of us were on cloud nine looking at the aesthetic designs, creative musings and the insightful reports compiled into one document, we didn't know how naive we were about what the next 10 months had to offer us. Now looking back some of us accepted that it was inevitable, some of us were always hopeful, but all of us managed to grow through it. This edition is not about a theme or a topic but a salute to everyone who made it through this year not because of sheer luck or misdirected passion but because they were resilient in uncertainty.



**Atharva Gupte, Student Chief Editor**

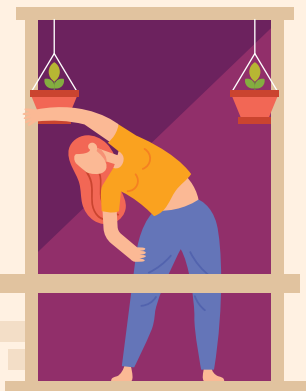
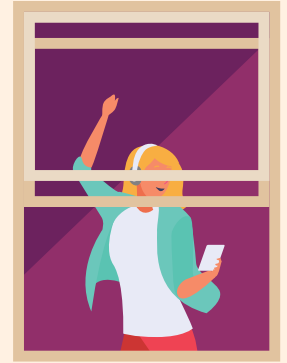
Having spent my last three years in VESIT in between attending lectures, balancing extracurriculars and hogging a couple of Chinese Samosas in the break, the Google Classrooms and online exams that came in this year seemed a bit new. But even though the world had slowed down overnight, VESIT didn't. From taking a step forward and serving as a quarantine center to jumping back into webinars and online college events, if there's one thing you must know about this institute is that it never rests. VESITians have always been synonymous with talent and this issue not only compiles the best of the achievements but also ensures that the coming batches are inspired to take it forward. Despite a raging pandemic we managed to pull off sky high placement figures with the entire process being streamlined online due to the teamwork and coordination of the Training and Placement Cell. The cultural, music and sports councils leveraged the most out of online events by conducting interactive activities across different channels like, YouTube and Instagram. The SoRT council took a step towards awareness of social responsibility that we as students need to fulfil towards society in these difficult times.

The societies of VESIT IIC and VRC organized informative webinars and programs for students and development workshops for the faculty with the aim of upskilling so that students make the most out of their time at home. In this unprecedented academic year, our students have managed to make the college proud by participating and winning in various technical competitions. From Smart India Hackathon to AIA they've left no stone unturned when it comes to showing off their talent and analytical skills. On the other hand VESLit circle has managed to keep the spirit of literature alive with events spanning from MUNs to pop culture quizzes. VESIT PhotoCircle continued to showcase their passion for the lens through photography workshops, and trips down the memory lane by revisiting some of the most precious memories of college through their clicks. VESITConnect as always strived hard to bridge the gap between college, students and faculty and keeping them connected to this great institution.

We express our immense gratitude to all the Departments and the Administrative Office Staff for always lending us a helping hand. We would like to thank each and every one of the creative minds who have burnt the midnight oil and contributed in compiling this issue of the annual magazine. For me, this team has always been about leading a group of individuals much smarter than me, who have put their heart and soul while designing and ideating every single page of this fine magazine. We have had a lot of fun making it and now we hope you have a lot of fun reading it too.

**Atharva Gupte**  
**Student Chief Editor**

# Resilience In Uncertainty



# Resilience In Uncertainty: - Theme of Vishwakarma 2021

Uncertainty is all around us, never more so than today. We think about the future all day, every day. What time do I need to leave the house? What's for breakfast? Can we picnic on the weekend or would there be yet another lockdown? When will everything go back to normal? Am I getting used to this online life? However much we might aim to live in the present, we can't cross the road without thinking ahead: Will I catch the virus if I go out? While we may not wish to acknowledge it, uncertainty is a natural and unavoidable part of our lives. Very little about our lives is constant or totally certain, and while we have control over many aspects, we can't control everything that happens to us.

The current COVID-19 pandemic has heightened uncertainty over the economy, employment, finances, relationships, and of course, physical and mental health. Yet as human beings, we crave security. We want to feel safe and have a sense of control over our lives and well-being. Fear and uncertainty can drain you emotionally and trap you in a downward spiral of endless "what-ifs" and worst-case scenarios about what tomorrow may bring.

We're all different in how much uncertainty we can tolerate in life. Some people seem to enjoy taking risks and living unpredictable lives, while others find the randomness of life deeply distressing. But all of us have a limit and it's important to realize that no matter how helpless or hopeless we feel, we can still deal with the uncontrollable circumstances, alleviate our anxiety, and face the unknown with more confidence and resilience.

People had different ways of being resilient during the global outbreak of the coronavirus. Some of them adopted old-new hobbies like cooking, baking, writing, dancing, etc, that we had forgotten about. Learning new things that we really wanted to learn but never got the opportunity for doing so. Some people were pleased with their own company and peacefully enjoyed me-time which helped them rejuvenate. While some people connected with their family and friends. Staying in touch with people, even if digitally, with whom we can share our feelings, discuss problems and receive advice is an essential part of weathering life's storms.

Being resilient does not mean that we have to have positive feelings about negative situations. It is the ability to thrive in times of change and uncertainty. Resilience is not a trampoline, where you're down one moment and up the next. It's more like climbing a mountain without a map. It takes time, strength, and help from people around you, and you'll most likely experience a lot of setbacks along the way. But eventually, you'll be able to reach the top and look back at how far you've actually come.

Much about life is uncertain at the moment and many things remain outside of our control. But while we can't control the spread of a virus, the recovery of the economy, or whether we'll have a paycheck next week, we're not totally powerless. Despite our fears or something wrong, instead of worrying about the uncontrollable, let's try to refocus our mind on taking action over the aspects that are within our control and do our best to deal with the situation and move forward.



**Sristi Kushwaha**



Rohit Suresh Kundnani (D15)

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Samiksha Gunwant Wadibhasme (D5A)

# About Vivekanand Education Society

Vivekanand Education Society runs 26 institutions in the vicinity of Chembur. Its aim is to impart quality education to economically backward sections of society. The vision of Shri Hashu Advaniji, the founder and a great social worker of playing an important role in the progress of our country by imparting quality education continues to be upheld by this trust. Over 18 thousand students have enrolled in the various institutes run by the Society, which includes Pre-primary, primary, secondary, higher secondary schools, ( Hindi medium & English medium), Degree & post-degree colleges, Professional institution like Management, Engineering, Polytechnic, College of Pharmacy, Law college, Leadership academy and Research Centre, Catering craft Centre, Vocational guidance and Sports academy with hostel facilities for girls and boys.

**VES strictly adheres to its belief in – No management quota, no capitation fees or donations in any form for admission to any of its institutes. It is a platform for pure learning and sharing, where it works continuously towards for academic excellence.** The institution also emphasizes on building the character and personality of students.

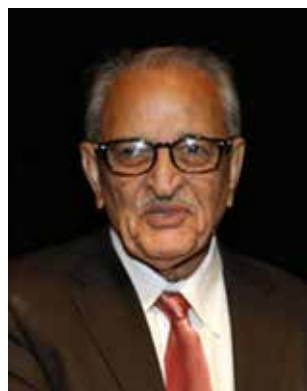
All the prime VES institutions are approved by AICTE & DTE and affiliated to University of Mumbai. In the VES Welfare section, approximately 17,950 students have received scholarships/sponsorships from about 926 donors. Accommodation being one of the biggest constrain for students in Mumbai, VES has a hostel for staff, boys and girls.

Vision:

- To increase the intellectual wealth of the country by providing quality education and building excellent technical skills.
- To make individuals highly confident, self-reliant and truly global citizens.
- To provide for holistic development in terms of ... Knowledge, skill and wisdom ... Leading to cultural and spiritual integration.



**SHRI AMAR T. ASRANI**  
*Secretary*



**SHRI B. L. BOOLANI**  
*President*

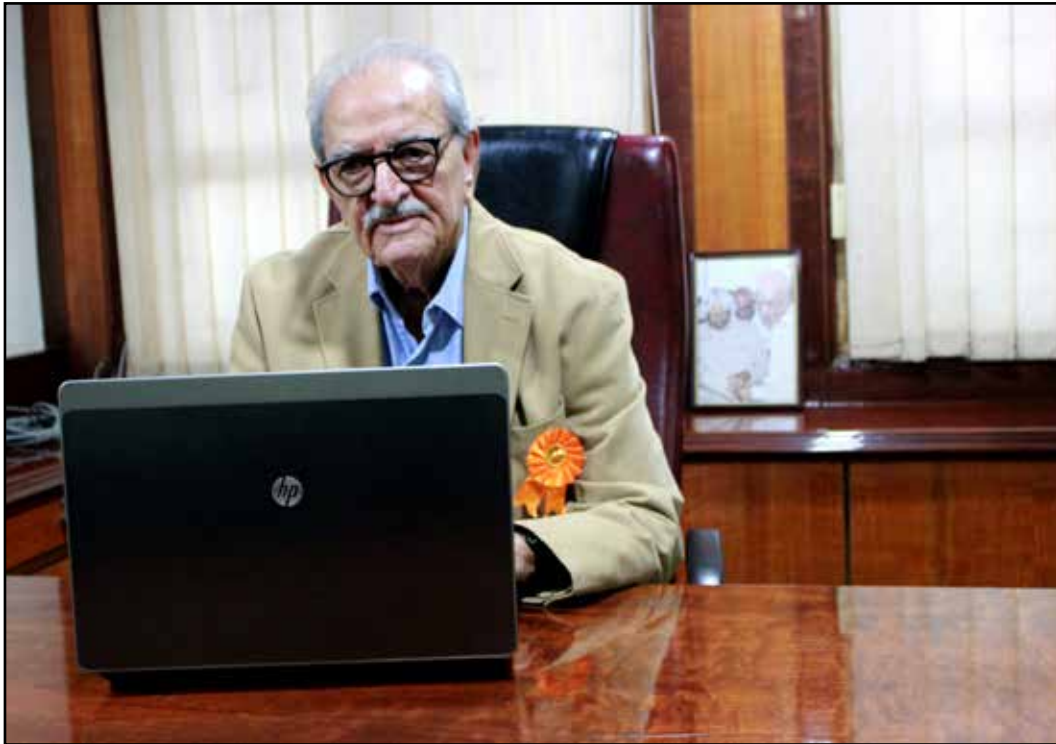


**SHRI SURESH MALKANI**  
*Treasurer*



*Sakshi Shinde (D2B)*

# Trustee's Desk



*Shri. B. L. Boolani*

Dr. Vikram Sarabhai, Founding Father of Indian Space Program said “The development of a nation is ultimately linked with the understanding and application of science and technology by its people”. We have seen how the Indian scientists has succeeded in the technical contribution to combat the COVID -19 corona pandemic which shocked the whole world, by developing different types of sanitizers, surgical aids, breathing aids, robot and also vaccines. We Indians are filled with pride when India is applauded as the vaccine manufacturer of the world. This has been possible only because of the continuing research in the country. The approach of seeing all challenges as opportunities and trying to find innovative solutions should be developed in every individual. This also emphasizes the need for augmenting the quality of technical education and making it more and more appropriate to the ever changing requirements. So, I appeal to all my staff members to come forward to suggest and implement innovative solutions to the societal problems around us. In this context, I would like to congratulate the VESIT team who bagged a funded project for providing IT solution to the community toilet project of Municipal Corporation of Greater Mumbai (MCGM). I would also like to congratulate the winning teams of Smart India Hackathon who has suggested solutions to the real world problems. I look forward to see more and more such projects from our students and staff members. Borrowing words of Swami Vivekanand, I would like to say “You have done well, only try to do better”.

**Shri. B. L. Boolani**  
**President**  
**VES**

# Principal's Desk

Year 2020 will be remembered as a unique year in world's history, thanks to the corona pandemic which struck the whole world. VESIT participated in combating this pandemic by handing over our institute premises to the government authorities for operating it as a COVID 19 Quarantine Centre from 27th April 2020 to 5th August 2020.

VESIT was also blessed with many laurels this year. **Confederation of Indian Industries (CII)** in association with **All India Council for Technical Education (AICTE)** conducted a survey to identify educational institutions that worked closely with the industries, which is the need of the hour. We are very happy to inform you that in



*Dr. J. M. Nair*

this survey, VESIT has been ranked in the topmost category, **Platinum**, in recognition of the activities conducted by the institute, which is our endeavor to make our students industry ready. This has also earned a **4.5 star rating out of 5 stars for Institute Innovation Council** by the Ministry of education. Vivekanand Education Society was **ranked in the band of 26th - 50th category by Atal Ranking of Institutions on Innovation Achievements (ARIIA)** under Self-Finance / Private Institutions category. VESIT was recognized as **rank 1 in private engineering institutes in Maharashtra state** by Education World Magazine in the Private Engineering Institutes Ranking 2020-21. VESIT also added a Bachelor of Engineering program in **Artificial Intelligence and Data Science** this year.

All departments of the institute utilized lockdown effectively by conducting online faculty development programmes, webinar, quizzes and technical and non-technical workshops for students. We congratulate all the staff members and students who have upgraded their skills by participating in certification courses offered by COURSERA and IIT's. We are happy to note that more than 8000 enrolments were done.

VESIT Renaissance Cell in association with IIC & IQAC organized a three week **Academia - Industry Connect program called Tech-Xpert** talks with an active participation from industries such as National Instruments USA, Larsen & Toubro, Reliance Industries, CAP Gemini, Accenture, Apple India Pvt. Ltd., CereLabs Pvt. Ltd, Emerson, B & R Industrial Automation Pvt. Ltd to name a few.

VESIT received an AICTE grant under the AQIS program for conducting a faculty Development Program on emerging areas. The institute conducted three FDP's on "**Green Internet of Things**", three more FDP's on another emerging area of "**BlockChain and its Applications**" is on the planning stage and will be conducted during the end of the academic year. VESIT also received an AICTE grant of Rs. 9.12 Lakh under Modernisation and Removal of Obsolescence (MODROB) for the upgradation of Advanced Wireless Lab.

I am delighted to inform you about the achievements made by our institute faculty during this academic year. VESIT has bagged a project of building an IT solution for operations and maintenance monitoring system of community and public toilets of Municipal corporation of Greater Mumbai. This project has got a funding of **Rs. 24 lakhs from Star Union Dai-ichi Life Insurance company**.

Another achievement is the selection of three research projects from our institution as semifinalists in

the **Swadeshi Microprocessor Challenge (SMC)**. SMC is an initiative of the Ministry of Electronics and Information Technology in collaboration with IIT Madras and CDAC to provide innovative solutions for Atmanirbhar Bharat. SMC was launched to provide innovative frugal solutions in public utility services and in strategic areas of space, Defence and Nuclear energy, using the industry grade microprocessors designed by IIT Madras (Shakti Processor) and CDAC (Vega Processors), powered by FPGA boards of Xilinx. The fact that VESIT is the only educational institution who could bag three projects among the 100 semifinalists, shortlisted from 6200 entries is worth mentioning. Each semifinalist team will get free access to Swadeshi Microprocessor and FPGA boards and development funding of Rs. One lakh to develop a Minimum Viable Plan (MVP) / POC (Proof of Concept).

We are proud of our Alumni, who are also working as our ambassadors across the world. We are thankful to the alumni who has participated in the **Alumni engagement initiative -V-Reach** 21 days webinar which was very well received by our students. The areas that were covered by 37 speakers were

- New trends in Technology, Higher studies and Career Guidance, Research and innovations and Entrepreneurship development. We express our gratitude to our alumni who have donated 12 laptops to needy students of second and third year identified by the departments. A financial aid of Rs. 25000 was also given to the students from Alumni Association Fund. Another set of students received financial assistance from the Student Aid account of the institution.

We are proud of our students who won 1st prize of Rs. 1,00,000 for **Smart India Hackathon (Software)**. Two teams won the prizes for suggesting IT solutions for problems by the government of Puducherry and by the government of Madhya Pradesh respectively. Our students' team has reached the final stage of **Smart India Hackathon (Hardware)** for problem statement by NALCO.

Another interesting project, "Smart Devices to detect social distancing Violations" has been selected for the final stage of the **National Innovation Contest** organized by the **Ministry of Education. Tuberculosis Association of India** has provided a grant of Rs. 30,000 for a project in Machine learning application to TB database. We congratulate all the students and faculty members involved in these projects. We congratulate the Placement team for the good placement record given the present pandemic condition. We are happy to inform you that for this academic year 73.2% jobs were offered to the registered students.

To give impetus to students who need to improve their competency in the English language and enhance their soft skills to prepare for job placement, a six-week program named 'Personal and Professional Achievement Program' was designed by Dr Geeta Ajit in collaboration with the alumni and conducted by the newly formed VESLang team for a group of fifteen students.

We are also proud of our student council team, who has conducted all the regular events online and ensure that the morale of the students is kept upbeat in the difficult times. Hope all of us will be able to meet physically soon.

ॐ सर्वे भवन्तु सुखिनः।  
सर्वे सन्तु निरामयाः।  
सर्वे भद्राणि पश्यन्तु।  
मा कश्चित् दुःख भाग्भवेत्॥  
ॐ शान्तिः शान्तिः शान्तिः॥

Dr. Mrs. J. M. Nair  
Principal  
VES Institute of Technology



*Tejas Doke (D19A)*

# Vice-Principal's Desk

VESIT takes pride in being able to impart holistic education to all its students. The vision of our institute indicates our dream of being able:

“To create a vibrant knowledge-oriented environment with innovative teaching practices and to inculcate a tradition of socially conscious application of technology”.

We are now, into the second year of the disruptive pandemic and I am proud to say that we, at VESIT, have lived up to our vision statement yet again!

With Digital learning and E-Events being the new normal, VESIT has strode forward to reach new heights in these times of crisis. Digital transformation of education has led to innovative practises in remote learning opportunities for students and enabled teachers to create intriguing (virtual) experiences. But every challenge opens an opportunity and VESIT has grabbed this window of chance. We, at VESIT, are proud of the way we have leveraged existing digital platforms from the likes of Google classroom, Moodle, Microsoft Education and conferencing apps like Zoom etc to provide a continual enriching engaging experience to our students.



*Dr. M. Vijayalakshmi*

A series of digital events like Industry collaborated events, lectures on current topics by experts in the field, digital competitions and the like have continuously engaged the students during this pandemic times. Further, several E-Learning resource like MHRDs Swayam, NPTEL Virtual Labs, are all easily available to students at a click. VESIT was a part of the Coursera- Covid \_19 initiative that saw thousands of our students and faculty take advantage of the huge treasury of Coursera courses, free of charge. This ensured that all our students were continuously engaged in world class learning from their homes. Many of our library resources like journals, newsletter have been made available to students to learn remotely, from the safety of their homes. Virtual Digital labs have been designed for almost all courses so that students do not miss out on laboratory learning.

As John Ruskin has said, “Quality is never an accident; it is always the result of intelligent effort.” At VESIT Quality is indeed the sum product of the endeavours of the Faculty, staff and, off course, the students.”

Wishing you all the very best. Be safe. Be healthy.

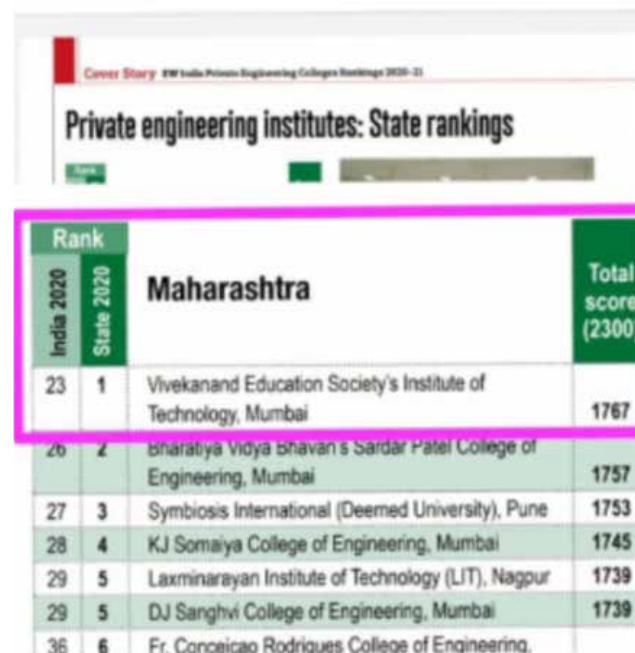
**Dr. M. Vijayalakshmi**  
**Vice Principal**  
**VES Institute of Technology**

# Recognition of VESIT in Ranking Surveys

VESIT's contribution to education has been recognised by various ranking surveys. It is worth mentioning that these surveys were conducted without any registration fee or sponsorship from the Institution.

## EW India Private Engineering Colleges Rankings

It is a proud moment for all students of VESIT as the college secures **1st rank** in the state of Maharashtra in the 'state rankings of private engineering institutes for 2020' released by 'EducationWorld.' These rankings are based on a score that is calculated by EW. VESIT earned a score of **1767**, out of a total of 2300, which was the highest among all the private engineering institutes in Maharashtra. It modestly ranked **23rd** on the charts when being ranked nationally. However, VESIT jumped a rank up in the national rankings this year as it was ranked 24th the previous year. It is a moment of celebration for the faculty, non-teaching staff and students who made this possible.



The image shows a screenshot of a ranking survey result. The title is "Private engineering institutes: State rankings" for Maharashtra. A table lists the top 6 institutes. VESIT is highlighted with a pink box, showing it ranked 1st in Maharashtra with a total score of 1767.

Rank		Maharashtra	Total score (2300)
India 2020	State 2020		
23	1	Vivekanand Education Society's Institute of Technology, Mumbai	1767
26	2	bharatiya vidya bhavan's Sardar Patel College of Engineering, Mumbai	1757
27	3	Symbiosis International (Deemed University), Pune	1753
28	4	KJ Somaiya College of Engineering, Mumbai	1745
29	5	Laxminarayan Institute of Technology (LIT), Nagpur	1739
29	5	DJ Sanghvi College of Engineering, Mumbai	1739
36	6	Fr. Conceicao Rodrigues College of Engineering,	

## EW India Private Engineering Colleges Rankings 2020-21

### VES gets accredited by ARIIA

On the 18th August 2020, Vivekanand Education Society was successfully credited with the grade of "Band B", which simultaneously defines our college within the strong ranks of 26-50. This ranking was stated under the sub category named as 'Private or Self-Financed Colleges of Technology'. This accreditation was announced by the prestigious body of **Atal Ranking of Institutions on Innovation Achievement**, also known as the ARIIA.



**The Certificate of Appreciation given to Vivekanand Education Society**

### **IIC Receives 4.5 Star Rating**

**Institute Innovation Council (IIC)** VESIT in an instance of absolute prestige has been awarded a **4.5 Golden Star Rating** for the academic year 2019-20. The rating was awarded for undertaking various activities prescribed by the Innovation Cell under the **Ministry of Education** to promote and support Innovation and Start-up on the campus. IIC had conducted various events including workshops, webinars, competitions, and numerous others for student skill development. It was previously rated 4 Golden Stars and was one of the 22 Institutes out of 159 colleges under IIC in Maharashtra and Goa region.



**Certificate presented to VESIT-IIC**

## VESIT Achieves Platinum Rating in AICTE CII Survey 2020

In its annual report for the year 2020, **All India Council for Technical Education (AICTE)**, in partnership with **Confederation of Indian Industry (CII)** ranked Vivekanand Education Society's Institute of Technology as a **Platinum Standard Institute** for its continued successful performance as an institution. VESIT achieved the esteemed rating in the above **30 score** band among **814 institutes** that were shortlisted by AICTE, New Delhi for a full survey this year.

AICTE-CII Survey is to assess the current status of the partnership between technical institutions and industry on six basic parameters. These parameters include curriculum, faculty, governance, infrastructure, placements and research and services/project & skill development. VESIT is extremely proud to be recognized for its industry relations with the highest possible ranking in the AICTE-CII Survey, 2020.

List of Institutions which Participated in the Survey along with their Rating

S.No	Name of Institute	Institute Type	AICTE Region	State	Score Band	Rating
795	VIVEKANAND EDUCATION SOCIETY'S COLLEGE OF PHARMACY	Self-financing	Western	Maharashtra	Above 30	Platinum
796	VIVEKANAND EDUCATION SOCIETY'S INSTITUTE OF MANAGEMENT STUDIES AND RESEARCH	Self-financing	Western	Maharashtra	10 and below	Silver
797	VIVEKANAND EDUCATION SOCIETY'S INSTITUTE OF TECHNOLOGY	Self-financing	Western	Maharashtra	Above 30	Platinum
798	VIVEKANANDA INSTITUTE OF TECHNOLOGY	Self-financing	North-West	Rajasthan	Between 11 and 29	Gold

## VESIT Achieves Platinum Rating in AICTE-CII Survey 2020

*"Experience is the only teacher we have. we may talk and reason all our lives, but we shall not understand a word of truth."*

- Swami Vivekanand.

# VESIT Scholarship Event

The following SCHOLARSHIP have been awarded in the Academic Year 2020-21:

## 1.Student Aid scholarship:

The criteria for this scholarship is that the student should have a score of at least 7.00 grade and a family income of less than one lakh per annum. Scholarships of Rs.15000/- each is given to 15-20 students across all departments every year. 30 students were awarded Student Aid Scholarships.

## 2.Vivekanand Jyoti Scholarship

One student from each department is given this scholarship. An Amount of Rs.25000/- each is given every year. The criteria is a grade point of at least 7.00 and a family income of less than one lakh per annum. Six students were awarded the Vivekanand Jyoti Scholarship.

## 3. Jadhavpur Alumni Association Scholarships

The criteria for this scholarship is that the student should have a score of at least 7.00 grade and a family income of less than three lakh per Annum. One student from Electronics and Telecommunications department is awarded Rs.20000 as Jadhavpur Alumni Association Scholarship on account of dedication towards academic pursuits.

## 4.Alumni Association scholarship

Six laptops, one student per department were awarded on 3rd November 2020 and one student per department was awarded Rs.25000 on 31st March 2021 in Alumni Association scholarship. Co-ordinators of the event were Dr Gresha Bhatia and Dr Manoj Sabnis. The scholarship was awarded for helping out the current VESIT students during the COVID 19 situation through financial support and providing resources for their utilization.



Students receiving Alumni Association Scholarship

## 5. Sahyog Scholarship

8 laptops were awarded in Sahyog scholarship on 12th November 2020. The coordinator of the event was Mrs Smita Jangale. The scholarship was awarded for helping out the current VESIT students during the COVID 19 situation through financial support and providing resources for their utilization.



Students receiving laptops through Sahyog Scholarship

## 6. Shri Ram Keswani Protsahan Puraskar

Shri Ram Keswani Protsahan Puraskar aims towards helping those students who are academically strong, economically underprivileged, and wish to study further. One student of VES Institute of Technology was appreciated with Ram Keswani Protsahan puraskar amount Rs.50000/- on 17th October 2020 for deserving encouragement and support on account of dedication towards academic pursuits.

## 7. Ohm Jyoti Scholarship award

For the Ohm Jyoti Scholarship, almost the entire fee amount is given as a scholarship. The focus is on excellence in their grades and past academic track record. Two students of the Computer Engineering department were awarded the Ohm Jyoti Scholarship award of Rs.60,105 and Rs. 107743/-respectively for deserving encouragement and support on account of dedication towards academic pursuits.

## 8. Smt Suman Ramesh Tulsiani Scholarship

The criteria for this scholarship is that the student should have a score of at least 7.00 grade and a family income of less than three Lakh per Annum. 53 students are selected for Smt Suman Ramesh Tulsiani Scholarship.

**Overall incharge: Mrs.Smita Jangale**

**ETRX :Ms. Rakhi Jadhav & Mrs Amrita Jhaveri**

**CMPN :Mrs. Lifna C S & Mrs. Sujata Khandhaskar**

**INST :Mrs. Mugdha Jogalekar & Namrata Bonde**

**EXTC : Mrs. Himali Patel & Arti Sawant**

**INFT :Ms. Sukanya R & Mrs. Vinita Mishra**

**MCA :Mrs. Geocey Shejy & Ms.Manju Ahuja**

**H&S :Mr. S B Singh & Mrs. Netto M**

# Ek Bharat Shreshtha Bharat



## VESIT Committee Members:

Sr. No.	Name	Department/address	Position in a Committee
1	Dr. J. M. Nair	Principal	Chief Coordinator
2	Dr. Geeta Ajit	Humanities & Applied Sciences	Coordinator
3	Dr. P. Birajdar	Electronics Engineering	Member
4	Mrs. Priya R.L.	Computer Engineering	Member
5	Mrs. Nilima Warke	Instrumentation Engineering	Member
6	Mr. Ajinkya Valanjoo	Electronics & Telecomm. Engg.	Member
7	Mrs. Pooja Shetty	Information Technology	Member
8	Dr. Ramesh Solanki	MCA	Member
9	Dr. Sushil Dhuldhar	Humanities & Applied Sciences	Member
10	Mr. Pravin Shivsharan	Technical Support	Member
11	Mr. Vikas Pange	Administrative Support	Member



VESIT Committee Members

A team of students have been selected to be a part of this committee.

Sr No.	Name	Division	Designation
1	Sivanta Beera	D12A	Head
2	Pronoy Mandal	D16B	Deputy Head
3	Yash Bhise	D4B	Jr. Executive Committee
4	Tanya Dubey	D4B	Jr. Executive Committee
5	Anuraj Bhosale	D12A	Member
6	Sartha Tambe	D12A	Member
7	Sejal Attarde	D8	Member
8	Amit Chhabria	D7C	Member
9	Saurav Jeswani	D15	Member
10	Risa Samanta	D4B	Member
11	Abhishek Singhal	D9B	Member
12	Krunal Rane	MCA 1B	Member
13	Vighnesh Joshi	D16A	Member
14	Viraj Sapte	D11A	Member
15	Vipul Chaudhari	MCA 1B	Member
16	Jalaj Limaye	D20	Member
17	Kritika Pathak	D9B	Member
18	Manali Ganacharya	D8	Member
19	Amogh Sadhu	D8	Member
20	Poorva Vichare	D8	Member
21	Tania Mahata	MCA 1A	Member
22	Hemkesh Raina	D10	Member
23	Sukanya Bagave	MCA 1A	Member
24	Prithvi Shetty	D13	Member
25	Naren Khatwani	D12B	Member
26	Abhishek Kaudare	D20	Member
27	Purva Ratnaparkhi	MCA 1A	Member
28	Neeraj Patil	D11A	Member
29	Rushikesh Vasule	D16B	Member

India is a unique nation, with twenty-nine states and seven union territories each having its own language, cuisine and culture. A country with such huge diversity is also united by its national identity. This identity can be traced back to its rich history of rousing freedom struggle, built around the tenets of non-violence and justice. The spirit of mutual understanding and a shared history has enabled a special unity in diversity, which envelops the flame of nationhood that needs to be nourished and cherished into the future.

The advancement in technology has shrunk the distance of time and space, allowing people to connect with each other with a touch of a button. Living in this era, that facilitates mobility and outreach, it is important to establish cultural exchanges between people of different regions, as a means to further human bonding and a common approach to nation-building. The idea of a sustained and structured cultural connect between denizens of different regions was mooted by **Prime Minister Shri Narendra Modi** during the **Rashtriya Ekta Divas** held on 31st October, 2015, to commemorate the birth anniversary of Sardar Vallabhbhai Patel. In his view, mutual understanding and trust are the foundations of India's strength and all citizens should feel culturally integrated in all corners of India. So, he propounded that every State and UT in the country would be paired with another State/UT for a year, during which they would carry out a structured engagement with one

another in the spheres of language, literature, cuisine, festivals, cultural events, tourism etc., which would bring about a common spirit of understanding that would resonate throughout the country. This interaction would thus generate a vibrance of understanding and appreciation amongst the people and forge mutual bonding, thus securing an enriched value system of unity in the nation.

The broad objectives of the initiative are as follows:

- i. **To CELEBRATE** the Unity in Diversity of our Nation and to maintain and strengthen the fabric of traditionally existing emotional bonds between the people of our Country;
- ii. **To PROMOTE** the spirit of national integration through a deep and structured engagement between all Indian States and Union Territories through a year-long planned engagement between States;
- iii. **To SHOWCASE** the rich heritage and culture, customs and traditions of either State for enabling people to understand and appreciate the diversity that is India, thus fostering a sense of common identity
- iv. **To ESTABLISH** long-term engagements and,
- v. **To CREATE** an environment which promotes learning between States by sharing best practices and experiences.

In line with this vision of our Prime Minister, **Ek Bharat Shreshtha Bharat** Cell has been formed, under which Department of Higher Education, MHRD and AICTE has partnered institutes from two different states to work in unison towards this vision country. Our institute, **Vivekanand Education Society's Institute of Technology, Mumbai**, has been partnered with **International Management Institute, Bhubaneswar** under this Ek Bharat Shreshtha Bharat programme.

To accomplish these objectives of the EBSB program, an EBSB committee was set up in our college with our Principal, Dr. J. M. Nair as the Chief Coordinator and Dr. Geeta Ajit as the Coordinator. The committee also includes a faculty from each Department to ensure equal participation from students of all departments. Several activities have been planned to be conducted under the EBSB programme. The students from both colleges will participate in these activities, which in turn will help them to understand the unity in diversity that exists between these two states of Maharashtra and Orissa. This programme aims to bring students closer to a united country by understanding the similarity and diversity in the culture and traditions of each state. It endeavours to have the essence of **'Ek Bharat'** take root within the heart of each student.

### **The First Event: Maharashtra Odisha Paryavaran Jaagrukta Quiz Competition**

The first event held under the EBSB programme was the **Maharashtra Odisha Paryavaran Jaagrukta**, a Quiz Competition between VESIT and IMI Bhubaneswar, on the indigenous flora and fauna of the two states i.e. Maharashtra and Odisha. As the activity was to be held during the Environment week, it was felt that there was no better way for the students to understand their partner state, than to be aware and understand mother nature in its minute form. On 5 June 2020, being World Environment Day, the students from both the institutes exchanged notes about the respective flora and fauna of their state. It was pre-decided that the quiz would be based on the notes exchanged. **Dr. Geeta Ajit**, was the coordinator from VESIT, while **Dr. Ranjit Ghatak** was the coordinator from IMI. **Mrs. Pooja Shetty** was the event in charge while **Mrs. Priya R L** was in charge of Technical Support. The competition, held on **Sunday, on 7 June 2020, at 5:00 pm**, was screened live on YouTube using the Zoom platform, a first for this institute. The faculty members and students of both the event and the technical team worked for long hours during the whole week to ensure smooth, flawless coordination of the event. **Dr. Sushil Dhuldhare** took charge of the publicity.

The event began with a speech by our principal **Dr. J. M. Nair** introducing this program and stressing its importance. She also pointed out the need to nurture our environment, citing examples of the positive impact on the environment following the efforts taken by activists in our city of Mumbai. This was followed by a short speech by **Dr. Ranjit Ghatak** from IMI. The introductory round was followed by a quiz competition which was divided into three rounds. Each team had three participants. C. V. Ananya conducted the first round which involved multiple-choice questions. Each team had 15 seconds to answer 7 questions and awarded 10 points for each correct answer. There was no negative marking in this round. Both teams had answered five questions correctly and thus had 50 points each bringing them on par with each other.

**In the second round**, conducted by Rohan, the teams had to identify the given photograph. Each team had to guess the species shown in the picture. Each picture was accompanied by four clues, with each clue revealed after 20 seconds. The team would be awarded 10 points for answering correctly the first time. However, the points would keep reducing with each clue given. There was no negative marking in this round as well. The IMI team took a lead in this round as they scored 40 points in this round, while team VESIT scored 25 points.

**The third round** was the rapid-fire round. Each team had to answer Maximum questions within 2 minutes. While the maximum number of questions was ten, there was negative marking in this round, which made it more challenging for the participants. The marking scheme was +10 for each correct answer and -5 for each incorrect response. In this round, Ananya quizzed team IMI while Rohan put forth the questions to team VESIT. Team IMI answered 6 questions and scored 15 points while team VESIT answered all 10 questions and scored 55 points.

With the final round turning to be the game-changer, Team VESIT emerged victorious with a total of 130 points with team IMI scoring 105 points. It was an interesting competition with each team giving exceptional performance.

### **The Second Event: International Day of Yoga**

On **21st June 2020**, to celebrate International Day of Yoga, **Vivekanand Education Society's Institute of Technology, Mumbai**, went live at 8:00 a.m. with its second event '**Aarogyam Dhansampada**' under the **Ek Bharat Shreshtha Bharat programme**. VESIT, in collaboration with International Management Institute, Bhuvaneshwar and Dr. D.Y. Patil Institute of Technology, Pimpri, Pune, celebrated '**International Day of Yoga**' by having a live Yoga session with Yoga Guru Mrs. Pallavi Pawar.

The event was organized and managed by VESIT with active participation from the other two institutes. **Dr. Geeta Ajit** was the coordinator for the event with **Mrs. Nilima Warke**, as the in-charge and **Dr. Ramesh Solanki** as in-charge of Technical Support. The event was hosted on the Zoom App and was streamed live on YouTube. Both the faculty in-charges and all the participants worked round the clock to ensure that the event has a complete smooth run without any glitches, and their efforts did not go in vain. The event, despite the fact that each transmission was from a different place in the country, came together as a show united under one umbrella.

Two students from each institute were selected to participate in this program. Dhvani Serai (D7B) and Aditya Moykhede (D5A) from VESIT; Sloka Patel and Snehil Singh from IMI Bhuvaneshwar; Sarthak Khedkat and Neha Kishor from D. Y. Patil College of Engineering, Pimpri, Pune.

The live session began with a short college video followed by an introduction to the EBSB program and the International Day of Yoga 2020 program by the host, Prithvi Shetty.

This was followed by a series of addresses- first, **Shri. B. L. Boolani**, President of Vivekanand Education Society, followed by **Prof. Ramesh Bhel**, Director of IMI and then by **Dr. Kishor Dhande**, HOD Mechanical Department, D.Y. Patil Institute of Technology, Pimpri, Pune.

After the introductory round, Prithvi introduced **Mrs. Pallavi Pawar**, the yoga guru, who is also an alumni of VESIT. Mrs. Pallavi Pawar is an alumna from the Batch of 1990, Department of Instrumentation Engineering. She worked 22 years in Engineering Consultancies and did many projects in the chemical and petrochemical industry. Her love and interest in Yoga, led her to do her diploma in it first, and later went on to do a three-year B.A. and is now pursuing her M.A. in Yoga. She loves teaching and learning Yoga. Apart from that she also teaches German and English language to students from all age groups.

The one hour long yoga was indeed a pleasure to behold. As the audience was invited to join in the yoga session, there was a humongous positive feedback for this session. Many viewers, both young and old, who had

joined with their yoga mats, thoroughly enjoyed this exercise. Her instructions and her explanations on the benefits of various asanas were very clear and motivating, that many planned to continue to follow it and make it their daily routine.



**The live session came to an end with a vote of thanks by Dr. J. M. Nair, Principal VESIT**

In October 2020, the EBSB student team was reformed as few of the earlier member had graduated from the VESIT. The new team was as follows :

Sr No.	Name	Division	Designation
1	Sivanta Beera	D17A	Head
2	Akshay Khanna	D14B	Deputy Head
3	Tanya Dubey	D9B	Jr. Executive Committee
4	Yash Bhise	D9B	Jr. Executive Committee
5	Srushti M Jagtap	D9B	Member
6	Hemkesh Raina	D15	Member
7	Janhavi Bhagat	D14B	Member
8	Jisha Anna Philip	D10A	Member
9	Jasmine sawra	D7C	Member
10	Shrushti Govindwar	D7C	Member
11	Simran Huddedar	D10 A	Member
12	Saritha Ponnambalan Tharakan	D6	Member
13	Adwait Shirodkar	D7A	Member
14	Aditi Jamwal	D6	Member
15	Isha Gawde	D10A	Member
16	V. Anuparvathi	D9A	Member
17	Niraj Wadile	D9A	Member
18	Kartik M Avhad	D9A	Member
19	Aditi Singh	MCA M	Member
20	Dhruvisha Mondhe	D7B	Member
21	Vishesh Mittal	D7B	Member
22	Bharat Uttamchandani	D7B	Member
23	Sartha Tambe	D17A	Member
24	Ishaan Sharma	D8	Member
25	Shatanshu Choudhary	D13	Member

The EBSB team continued to have several activities under the new student council.

## Saur Urja Bharat

The 3rd event was conducted on 24th October, 2020. The participants were encouraged to be a part of the activity where they had to use their marketing strategies for selling a solar powered lamp in the rural areas which were devised by the students of IIT Bombay under the guidance of prof. Chetan Singh Solanki. The event was organized by VESIT with active participation from IMI Bhubaneswar. **Dr. Geeta Ajit** was the coordinator for the event. Dr. Parmeshwar Birajdar and **Mr. Ajinkya Valanjoo** were the event in-charges. The event was inaugurated by our honorable principal **Dr. J.M. Nair** followed by the pitch by **Dr. Parmeshwar Birajdar** and **Prof. Pallavi Pandey** (Coordinator, IMI). The judges for the events were **Mr. Prasad Rao** and **Ms Kriti Krishna**. A virtual toss was done and the team who won the toss gets to decide which team goes first. Every team was given 15 minutes to present their ideas in front of the judges. There was a warning bell after 13 minutes and a final bell after 15 minutes. Any team exceeding the given time limit was negatively marked. The marking scheme was divided into five criterias; content, organisation, delivery, overall impact and handling of questions.

### The winners were :-

Team IMI:

Kumari Nikita  
Abhirup Sarkar  
Chhavi Singh



**Team VESIT - Avinash Tripathy (D14B), Ayushi Pamnani (D14A) and Isha Gawde (D10A)**



**Dr Chetan Singh Solanki of the Energy Swaraj foundation sharing his thoughts on the importance of solar energy.**

By concluding the event Mr. Ajinkya Valanjoo brought down the curtains on this event by his concluding speech and appreciated the EBSB teams of both the institutes.

### Events Participated in :

#### 1. Online Quiz Competition on The June Festivities of Odisha

Hosted by IMI Bhubaneswar on 28th June 2020 at 4 pm on Zoom. IMI Bhubaneswar streamed the event live on their facebook page. The event witnessed participation from VESIT and DY Patil College of Engineering, Pimpri, Pune along with the host institute.

IMI shared some study material related to the June festivities of Odisha a few days before the quiz competition. The participants were asked questions based on the same. Each institute was represented by a team of two students.

After a couple of quiz rounds and a tie breaker, Team Vesit stood first with the highest score. Team Vesit included Manu Siddharth (D9B) and Chelsi Prakash (D9B).



**Quiz competition poster**

## 2. Essay Writing Competition by DY Patil, Pune

DY Patil College of Engineering, Pimpri, Pune conducted their first event under the EBSB program from 4th September 2020 to 10th September 2020. They organized an essay writing competition. The topic for the competition was 'Impacts of COVID 19 on Humans and Environment'. The idea behind organizing this competition was to promote the thoughts of the youth of the nation. They intended students to pen down their thoughts and expressions for the current COVID 19 situation. This essay writing competition was promoted in VESIT through the literature circle of the college. Interested students had to attach their work in the provided google form. The participants were provided with a certificate.



## Essay writing competition invitation by DY Patil College of Engineering, Pimpri, Pune

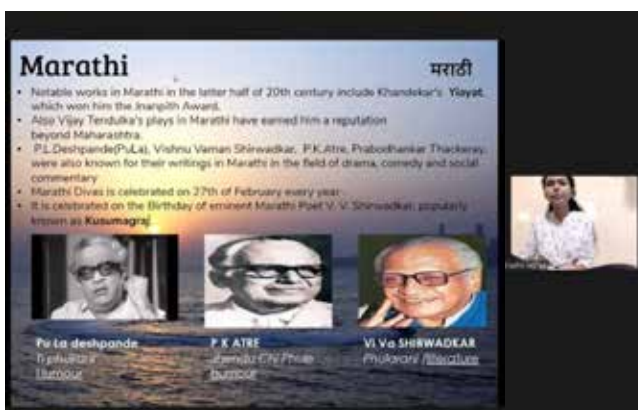
## 3. Language and Cuisine

International Management Institute, Bhubaneshwar hosted their second event under the EBSB program on Saturday, the 19th of September 2020. The topic for the event was 'Language and Cuisine'. The idea behind organizing this event was to bring about a cultural exchange between the states of Maharashtra and Odisha. They planned to execute the idea through presentations and a crossword quiz.

The event was hosted on zoom. The zoom meeting had around 118 participants which included students and faculty members from the states of Maharashtra and Odisha.

The event was commenced by introductions of the two states. Prof. Supriti Mishra from IMI, Bhubaneshwar spoke about the language and cuisine of Odisha. Dr. Geeta Ajit from VESIT gave an insight into the language and cuisine of Maharashtra. Dr. Geeta Ajit, assistant professor at the Humanities and Science department, was the faculty coordinator of the EBSB team from VESIT. The introduction was followed by an Odia song "Vande Utkala Janani" by Subhashree Debata, a first-year student of IMI, Bhubaneshwar.

The Odia song was followed by presentations by the students of IMI and VESIT. Navendu Behera and Satwika Nayak were the representatives from IMI. Srushti Jagtap (D9B) and Hemkesh Raina (D15) were the representatives from VESIT. Students from IMI began with the presentations and gave an informative presentation on the language and cuisine of Odisha. Following them were Srushti and Hemkesh who gave an insightful presentation on the language and cuisine of Maharashtra. Srushti began with the presentation and spoke about the language aspect of Maharashtra. She mentioned some prominent poets and authors of Maharashtra. She also threw light on some steps taken by Maharashtra to preserve its literature. Hemkesh continued with the cuisine part of the presentation. He mentioned numerous mouth-watering delicacies of the state.



Srushti Jagtap (D9B) discussing the language aspect of Maharashtra



Hemkesh Raina (D15) discussing the cuisine of Maharashtra

The presentations were followed by a crossword quiz by VESIT. Sivanta Beera (D17A), Tanya Dubey (D9B), and Yash Bhise (D9B) were the student coordinators of the EBSB team from VESIT. Risa Samanta (D9B) and Sartha Tambe (D17A) contributed greatly to making an intriguing crossword. There were two crossword puzzles, one for each team. The crossword for team IMI consisted of questions related to the language and cuisine of Maharashtra while the one for team VESIT consisted of questions related to the language and cuisine of Odisha. Both the teams were provided with some study material the day before the event.

The marking scheme for the quiz was such that four points would be awarded for each correct answer. The participants had an option to prompt a letter in case they were unable to answer the question in one go. Two-letter prompts were allowed for each answer. However, the points would reduce with each prompted letter. Therefore, three points were awarded for each correct answer after one letter prompt and two points after two-letter prompts. There was a negative marking of -1 for each incorrect attempt.

Yash Bhise was the quiz master for the day. He presented the crossword to the participants, read out the questions to them, and filled in the crossword as the participants would spell out the answer. Sivanta was the scorekeeper. Team IMI performed extremely well with a score of 50/50 points. Team VESIT gave a tough competition with a score of 39 points.

The crossword puzzle was followed by a melodious Marathi song by Neeraj Patil (D11B) and Sanika Indulkar (D11A). They performed “Jeev Rangla” from the Marathi movie Jogwa. The event was concluded with a vote of thanks to all the students and faculty members who contributed to making the event a successful one.



**Neeraj Patil (D11B) & Sanika Indulkar (D11A)  
performing ‘Jeev Rangla’ song**

EBSB shall continue to conduct many more events celebrating the diversity of cultures of Maharashtra and Odisha.



**Group Picture of the Council**

# VESIT Renaissance Cell

**Staff in-charge:** Dr. Anjali Yeole,  
Mrs. Abha Tewari  
Mr. Amit Singh,  
Mr. Mrugendra Vasmatkar,  
Mrs. Monali Chaudhari,  
Mr. Abhishek Chaudhary,  
Mr. Abhijet Shete,  
Mrs. Rohini Temkar,  
Mrs. Indira B,  
Mrs. Amudha Senthilkumar,  
Dr. Keya Doshi



**The VRC Staff In-charges with Principal Dr. J. M. Nair and Dr. M. Vijayalakshmi**

\*File Photo

## **About VRC**

VESIT RENAISSANCE CELL also known as VRC was established in the year 2015-16. VRC is the brain-child of our Principal Dr. J.M. Nair. She put forth the idea of having “young leaders” as an intermediate layer of the workforce. She selected a few members from all departments, totaling to a team of eleven members. In order to fulfill the objectives of VRC, different activities were created which include Project-based learning and skill development activities to give impetus to achieving our goals.

## Online Summer Internship

VRC, in association with IIC, has organized an online summer internship.

**Duration:** 11th May 2020 - 30th Jun 2020 (during lockdown period)

**Total students:** 136

**Total Faculty Mentors:** 14

**No of projects:** 21

## VESIT Coursera Program

Coursera.org offers massive open online courses (MOOC), specializations, degrees, professional and mastertrack 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 themselves 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 the following numbers (as of 9th February 2020)

Total Enrollments	Total Learning Hours	Total Lessons Taken
15889	51802	81202

## Tech-Xpert Talks

VESIT Renaissance Cell in association with VESIT - IQAC and VESIT - IIC organized "Tech-Xpert Talks: VESIT Academia-Industry Connect Program", a National-Level Technical Talk Series in association with industry partners of VESIT from 22nd July, 2020 to 31st July, 2020 for the Faculties, Industry Professionals, Research Scholars, and Students of various Departments and Institutes. Sessions were arranged to provide insights into the Emerging Areas of Technology and their applications in diverse sectors by Industry experts from different VESIT academies.

- VESIT - Cloudera Academy
- VESIT - NI LabVIEW Academy
- VESIT - LeadingIndiaAI Academy
- VESIT - D-Link Academy
- VESIT - E-yantra Lab
- VESIT - Aditya-Jyot Innovation Center
- VESIT - Automation Industry Association Competency Development Center
- VESIT - Oracle Academy

**Session 1: Remote Engineering Education using NI in New Normal by Mr. Visweswaran J**

**Session 2: How do we prepare our students for Industry 4.0 using NI by Mr.K.Jayaraman**

**Session 3: LabVIEW for Artificial Intelligence by Mr. Ajay Kumar**

**Session 4: Big Data-Spark Streaming with Kafka by Mr. Suraj Ghimire**

**Session 5: Machine Automation in Packaging by Mr. Vinayak M. Khandeparkar**

**Session 6: Industrial Revolution 4.0 (Manufacturing Sector) by Mr. Chandrashekhar Iyer**

**Session 7: AI in Action by Mr. Devesh Rajadhyax**

**Session 8: Let's on-board Data flight towards AI based decisions by Mr. Jatinder Kumar Kautish**

**Session 9: Wireless Technology & its Telecom Applications by Mr. Sudhanshu Ojha**

**Session 10: Pervasive sensing enables proactive decision making by Mr. Sagar Jorapur**

**Session 11: IIoT for Brownfield and Greenfield Projects by Mr. Tanay Kumar Sil**

**Session 12: Stream processing using Kafka by Mr. Venkata Bhanu Prasad**



**Session 13: Drone and Automation by Mr. Gaurav Singh**



**Session 14: Data Management - An organizational perspective by Mr. Anand Nijampurkar**



**Session 15: AI in Diabetic Retinopathy Screening by Padma Shri Professor Dr. S. Natarajan**

### Digital poster for Tech-Xpert Talks

**We had very good participation from all over India.**

Session 1. Remote Engineering Education using NI in New Normal (22nd July, 2020 - 3.00 pm to 4.00 pm)

Session 2. How do we prepare our students for Industry 4.0 using NI (23rd July, 2020 - 3.00 pm to 4.00 pm)

Session 3. LabVIEW for Artificial Intelligence (24th July, 2020 - 3.00 pm to 4.00 pm)

Session 4. Big Data-Spark Streaming with Kafka, understanding how it all works in real-time (25th July, 2020 - 10 am to 12 pm)

Session 5. Machine Automation in Packaging (Industries: Pharma/Food /Cosmetics) (25th July, 2020 - 3 pm to 4 pm)

Session 6. Industrial Revolution 4.0 (Manufacturing sector) (26th July, 2020 - 10 am to 12 pm)

Session 7. AI in Action - the transformative applications of AI in the real-world (26th July, 2020 - 4 pm to 5 pm)

Session 8. Let's on-board Data flight towards AI-based Decisions! (27th July, 2020- 9 am to 11 am)

Session 9. Wireless Technology & Application in Telecom Sector(28th July, 2020-1 pm to 2 pm)

Session 10. Pervasive Sensing enables Proactive Decision Making by transforming data into the analysis(28th July, 2020-3 pm to 4 pm)

Session 11. IIoT for Brownfield & Greenfield Projects (29th July, 2020 -10 am to 12 pm)

Session 12: Stream Processing using Kafka, Wednesday, 29th July, 2020, 2 pm to 4 pm

Session 13. Drone and Automation (Thursday, 30th July, 2020-2 pm to 3 pm)

Session 14: Data Management – An Organizational Perspective, Friday, 31th July, 2020, 1 pm to 2 pm

Session 15: AI in diabetic Retinopathy Screening Friday, 31th July, 2020, 3 pm to 4 pm

E-Certificates were provided for each Technical Talk to all Registered Attendees.

Sr no.	Session Name	Date	Time	Academy	Registered	Total Attendees
1	Remote Engineering Education using NI in New Normal	22/07/2020	3:00PM-4:00PM	NI LabVIEW	628	519
2	How do we prepare our students for Industry 4.0 using NI	23/07/2020	3:00PM-4:00PM	NI LabVIEW	571	414
3	LabVIEW for Artificial Intelligence	24/07/2020	3:00PM-4:00PM	NI LabVIEW	719	422
4	Big Data-Spark Streaming with Kafka, Understanding how it all works in realtime	25/07/2020	10:00AM-11:00AM	Cloudera	356	451
5	Machine Automation in Packaging (Industries: Pharma/Food /Cosmetics)	25/07/2020	3:00PM-4:00PM	AIA CDC	253	326
6	Industrial Revolution 4.0 (Manufacturing sector)	26/07/2020	10:00AM-11:00AM	AIA CDC	241	284
7	AI in Action - the transformative applications of AI in real world	26/07/2020	4:00PM-5:00PM	Leadingindia AI	304	247
8	Let's on-board Data flight towards AI based Decisions!	27/07/2020	10:00AM-11:00AM	Leadingindia AI	170	170
9	Wireless Technology & Application in Telecom Sector	28/07/2020	1:00PM-2:00PM	D Link	300	295
10	Pervasive Sensing enables Proactive Decision Making by transforming data into analysis	28/07/2020	3:00PM-4:00PM	AIA CDC	234	168
11	IIoT for Brownfield & Greenfield Projects	29/07/2020	10:00AM-12:00AM	AIA CDC	343	250

Sr no.	Session Name	Date	Time	Academy	Registered	Total Attendees
12	Stream Processing using Kafka	29/07/2020	2:00PM-4:00PM	Cloudera	162	195
13	Drone and Automation	30/07/2020	2:00PM-3:00PM	E yantra	362	265
14	Data Management – An Organizational Perspective	31/07/2020	1:00PM-2:00PM	Oracle	347	243
15	AI in Diabetic Retinopathy Screening	31/07/2020	3:00PM-4:00PM	Aditya Jyot	298	249

### Apli.ai Internships

Mentoring sessions from Apli.ai for Internships -

Our College had partnered with an Initiative by few IIT Bombay Alumni powered by Apli.ai for mentoring about the Job / Internships market scenario after COVID. This event was organized by VESIT RENAISSANCE CELL in association with IIC along with VESIT-IQAC.

The mentors were top-notch alumni placed in the best companies like Apple Inc, Mckinsey & Co (Boston), PWC ( US Office ), Master card.

Schedule for Mentorship session on the app:

Sr no	Date & Timings	Topic	Speaker Name	Role Company
1	6 pm to 6:45 pm 28th May 2020	Will you get Job after Lockdown?	Ravi Kaushik	COO, Apli.ai (IIT Bombay Startup)
2.	6 pm to 6:45 pm 31st May 2020	Software Engg: How to start your career in Programming and Roadmap to land in a Company like Apple. Others: Basics required in all domains	Abhijeet Dubey	Software Engineer, Apple
3.	6 pm to 6:45 pm 3rd June 2020	Tell your story with Resume	Ankit Kumar	Analyst, Mastercard

4.	6 pm to 6:45 pm 6th June 2020	Finance, Analytics, and Consulting as a career option and How to crack worlds best company like Mckinsey and Co	Siddharth Babbar	Risk Consultant, McK-insey & Co (Boston)
5.	6 pm to 6:45 pm 7th June 2020	Art of Storytelling in Video Interviews	Urvashi Chawla	Career Coach and Soft skills Trainer, Personal Excellency

#### Screenshot of the students' attendance details

	ETR X	CMP N	INS T	EXT C	INF T	MC A	Total
2nd	NA					32	
3rd	10	37	16	32	8	10	
4th	5	25	2	16	9		
ME				1	7		
Total	15	62	18	49	24	42	210

#### College Council Elections

For the first time in VESIT history, student council elections were taken online responsibility for the same was given to VRC. We could complete the election process online successfully.

#### Energy Literacy Drive: Swaraj

Switch to Efficient Energy, Today!

VESIT Renaissance Cell in association with VESIT - IQAC (Internal Quality Assurance Cell) and VESIT - IIC (Institution In-novation Council) organized the Energy Literacy Drive in association with the Energy Swaraj foundation. It was a free course comprising of 15 videos and a short quiz aimed at educating students above 14 years of age about the advantages and construction of solar systems for households. Solar Systems are used to harness solar energy with the help of solar panels, battery, charge controller and load connection to power electrical appliances. The switch to renewable energy is the need of the hour to reverse the effects of climate change which is wreaking havoc on the world. The Energy Swaraj Foundation is working to create necessary energy literacy, developing skills, providing technical assistance, enabling entrepreneurship, establishing supply chains, and in all creating an ecosystem wherein Energy Swaraj or Energy by Locals for Locals can be established not only in India but throughout the world.

Energy literacy, energy conservation, local energy generation, energy efficiency, energy discipline, energy independence will soon be the various dimensions of the Energy Swaraj Movement. Through this awareness, people themselves can undertake the required action for climate change mitigation. The Movement sets to bring a philosophical understanding and practical acceptance in society, at large, for the adoption of solar solutions in a disciplined manner for fulfilling 100% energy needs.

The world faces Energy Paradox, wherein more energy is required to ensure fast-paced economic growth, while rampant use of fossil fuel energy is causing catastrophic climate change due to ever-increasing carbon emissions. This paradox looks like a nearly impossible puzzle to solve. Energy Swaraj Foundation has taken a great initiative to encourage students to learn about solar energy and implement an everlasting change for energy conservation through small lifestyle changes.

**A total of 681 students and faculty members registered for the same, out of which 300+ students cleared the exam.**

# Smart India Hackathon 2020



Smart India Hackathon is a nationwide initiative to provide students with a platform to solve some of the pressing problems we face in our daily lives, and thus inculcate a culture of product innovation and a mindset of problem-solving. The first three editions SIH 2017, SIH 2018 and SIH 2019 proved to be extremely successful in promoting innovative, out-of-the-box thinking in young minds, especially engineering students from across India.

## **Initiative and Role of VESIT Renaissance Cell (VRC)**

Over the past three years VRC has been taking initiative to promote the students of VESIT to participate in Smart India Hackathon. This year as well, VRC received a huge response for SIH 2020. The VRC team has taken following steps to send quality teams for SIH 2019.

1. Google form shared with SE, TE, BE and MCA students for participation.
2. College level scrutiny round was conducted for selection of quality teams.
3. Internal hackathon was conducted for the selected teams, which was judged by External judges.
4. Guiding students to enhance the PPTs, thereby increasing their chances of selection.

For the college level Scrutiny round, a total 146 teams(112 software and 34 hardware ) applied, out of those 49 teams were selected for Internal Hackathon.

## **Shortlisted Teams for Internal Hackathon:**

1. 38 Software Teams
2. 10 Hardware Teams

## **Nominated Teams for SIH 2020, after Internal Hackathon:**

1. 9 Software Teams
2. 10 Hardware Teams

The industry experts were invited to judge the Internal Hackathon. Finally, total 9 Software teams and 6 Hardware teams were nominated for SIH 2020.

## **Shortlisted Teams by SIH 2020 for Grand Finale:**

1. 4 Software Teams
2. 1 Hardware Team

### Shortlisted Software Team Details:

<i>Team Name</i>	<i>Team Leader</i>	<i>PS ID</i>	<i>Problem Statement Title</i>
A2M	Ankush Shetty/TE/ CMPN/8652206451	DS164	Development of App to capture the field patrolling track of frontline staff in their forest beat jurisdiction
Brute Force	Gayatri Patil/TE/ CMPN/9029932782	MS338	Converting handwritten documents as scanned images or photos (in any format) to legible text documents using AI extracting important and critical information into the database.
Spark	Stevart Lobo	BK226	Design of alarm management and analytics
SPARX	Khushboo Chandnani/BE/ INFT/9511738058	DK180	job recommender system

### Shortlisted Hardware Team Details:

<i>Team Name</i>	<i>Team Leader</i>	<i>PS ID</i>	<i>Problem Statement Title</i>
ASCII_13	Shubham Singh/TE/ EXTC/9511804676	PN313	TRACKING and Control of Hot METAL TRANSPORTATION TRUCKS

### Grand Finale-Smart India Hackathon 2020

Due to COVID-19 pandemic Smart India Hackathon 2020 was conducted on an online platform. It was conducted by various nodal centers.

### Glorious Success of VESITians

It is a moment of pride that we have added to the winning history of VESIT, that 2 out of 4 teams have won the Grand Finale of Smart India Hackathon 2020.

#### **Team 1: SPARX**

**Team Leader:** Khushboo Chandnani /BE/INFT

#### **Team Members:**

Ujala Jha / BE / INFT

Juyee Sabade / BE / INFT

Ruchika Motwani / BE / INFT

Sanjay Janyani / BE / INFT

Sahil Sadhwani / BE / INFT

#### **Team Mentor -**

Mr. Amit Singh

Mr. Sridhar Patnaik

## Problem statement id - DK180

### Problem statement - Job Recommender System

**Description:** Job recommender system. To design a software application for assessing the abilities of a student with respect to employability.

**Ministry/organization** - Government of Puducherry

**Nodal center** - Veltech, Chennai

**Date and time** - 1st, 2nd and 3rd August - 8:30 am to 9:00 pm

**Prize Amount:** 1,00,000/-

**Website Name:** HIRECONNECT

### Abstract -

In this digital era, as we aim towards solving as many problems as we can through technology, 33% of the youth still face unemployment and many are unhappy with the jobs they have.. This can be due to many reasons. But the most important challenges being identifying the skill sets and assessing the capabilities of an individual. Resume extraction is done using NLP to obtain skills and autofill result of the details in the form. A solution with 360degree analysis of one's skills is designed to gain insights on technical/practical or hard skills as well as soft skills and personality traits. This is done by 5 tests namely the Howard Gardner Multiple Intelligence test, the Emotional Quotient test, the Adversity Quotient test, the Technical assessment and the Intelligence Quotient test. After assessing candidates on various factors, keywords are obtained from these test results and mapped with job descriptions using Word2Vec model. Along with this, candidates are also recommended with personalised learning courses and blogs to upskill in their areas of interest.

Since COVID and post-pandemic situations too would be adapted to remotely working conditions for quite some time. Times like these have evolved us to even recruit through virtual interviews. Hence, a video/voice analysis feature using CNN and LSTM for interviews is developed to perform OCEAN personality tests and obtain personality traits. A chatbot for FAQ and a chatbot to assist in giving tests for differently-abled people is designed. The company portal posts jobs listings and recommends candidates to the company based on features extracted during the candidate's analysis and company requirement. Apart from candidates and company recruiters, admin is the user that moderates and generates tests for technical analysis of various skills. The admin also identifies candidates that are future-ready and provides them badges for the same, arranges a webinar on various skills that will pave the way for future providing. Apart from that, the system admin provides a report generated by our algorithms that identifies current trends of hard skills and suggests the same to AICTE and other organisations to include the same in their curriculum if it isn't already included. It also provides insights of most trending skills to the learning platforms so they can produce learning materials on the same. Apart from that, the system has integrated Digilocker on our platforms to have secure digitised document verification, storage and other work post placement of the candidate in a company.

The image shows a presentation slide for 'HireConnect' on the left and a video call interface on the right. The slide content includes:

- Ministry / Organization Name : Govt. of Puducherry
- Problem Statement Title: Job Recommender System (DK180)
- Problem Description:
- Team Name - SPARX
- Team Leader Name - Kharshon Choudhary

The slide features three main sections:

- Students Problem:** Several factors that prevents the students to reach their worth and harness their skills.
- Curriculum Problem:** Traditional Approach to find out the capability of student and assign them jobs is inefficient.
- Future Solution:** Every individual has an inherent ability. If only

Key points listed on the slide:

- Socio-economic background of the student
- Peer influence of addiction to phones and social media
- Parents pressure to join a course
- Lack of strong foundation or prevalence of Learning Disability.
- The current metrics of CGPA, certificates are not enough to accurately assess the capability of a student.
- many students are sacked from the company after one or two years because they are not happy with the performance
- The proposed software should identify the skill set and assess the capacity of a student. It should recommend able candidates against a requirement from the

The video call interface on the right shows a grid of participants, with a timestamp of 11:06 AM.

Team SPARX

## Team 2: Digital Fortress

**Team Leader:** Gayatri Patil /TE/CMPN

### Team Members:

Pragya Choudhary / TE / CMPN

Yash Mate / TE / CMPN

Gaurav Tirodkar / TE / CMPN

Kuldeep Khalsa / TE / CMPN

Deepak Tejwani / TE / CMPN

### Team Mentors:

Dr. Mrs. Anjali Yeole

Mrs. Mannat Doultani

**Problem Statement id:** MS338

### Problem Statement:

Converting handwritten documents as scanned images or photos (in any format) to legible text documents using AI extracting important and critical information into the database.

Ministry/Organization: Government of Madhya Pradesh

**Nodal Center:** Galgotias University, Greater Noida

**Date and Time:** 1st, 2nd, and 3rd August 2020. (Everyday 8:30 am to 9:00 pm)

**Prize Amount:** 1,00,000/-

### Abstract of Problem Statement:

The software should be able to accept all document formats of handwritten documents and would convert them in legible text. The analytical tools would be used to identify the critical information available on the documents and would be stored along with the identity of documents, crime number ((Thus linking it with all the attributes of the crime through this primary key), identify of document, authorship and other attributes):

1. Investigation Leads would be identified and would be pushed to Investigation Officer, Volunteers, Observers or the stakeholders as the case may be
2. The Evidences would be saved with #value along with who would prove it in court. Certificate of legal admissibility, relevance, and integrity would be provided. Certificates under 65B would be auto-generated to certify the process and authenticity.



**Team Digital Fortress**

# Institute Innovation Cell



## **MHRD's Innovation Cell (MIC):**

The Ministry of Human Resource Development (MHRD), Govt. of India has established 'MHRD's Innovation Cell (MIC)' to systematically foster the culture of Innovation amongst all Higher Education Institutions. The primary mandate of MIC is to encourage, inspire and nurture young students by supporting them to work with new ideas and transform them into prototypes while they are informative years.

MIC has envisioned encouraging creation of 'Institution's Innovation Council (IICs)' across selected Higher Education Institutions. A network of these IICs is established to promote innovation in the Institution through multitudinous modes leading to an innovation promotion eco-system in the campuses.

VESIT, in September 2019, is one of the few institutions to have established the 'Institution's Innovation Council'

## **VESIT IIC Team members:**

VESIT IIC team members comprises faculty members from each department, headed by the Principal Dr. J M Nair and Dr. M. Vijaylakhshmi, Vice Principal and President of IIC as shown below.



**VESIT IIC Team members**

\*File Photo

## **VESIT IIC:**

VESIT IIC majorly focuses on to create a vibrant local innovation ecosystem, start-up supporting mechanism in our institute, prepare the Institute for Atal Ranking of Institutions on Innovation Achievements Framework, establish Function Ecosystem for Scouting Ideas and Pre-incubation of Ideas, develop better Cognitive Ability for Technology Students.

## **Functions of VESIT IIC:**

- To conduct various innovation and entrepreneurship-related activities prescribed by Central MIC in time bound fashion.
- Identify and reward innovations and share success stories.
- Organize periodic workshops/ seminars/ interactions with entrepreneurs, investors, professionals and create a mentor pool for student innovators.

- Network with peers and national entrepreneurship development organizations.
- Create an Institution's Innovation portal to highlight innovative projects carried out by the institution's faculty and students.
- Organize Hackathons, idea competition, mini-challenges etc. with the involvement of industries.

#### Objectives of VESIT IIC:

- To inculcate new innovative ideas and thoughts among the students.
- To bring new perspectives in the innovative field.
- To have a handshake with the entrepreneurs and innovators.
- To widen the student's cognitive skills.
- To implement Pre-incubation units for reducing the technology de-risking.

#### Achievements of VESIT IIC :

In the year 2019-20, IIC conducted a number of planned IIC calendar, MIC and self driven activities , on the basis of which VESIT IIC earned **24.99/25 points with a 4.5 star rating.**



**MHRD- IIC :- 4.5 Star Rating Certificate**

#### Count of activities conducted under IIC (February 2020 to January 2021)

**IIC Calendar Activity - 14**

**MIC driven Activity - 39**

**Self-driven Activity - 77**

**Total 130**

Some of the Major events or activities are as follows:

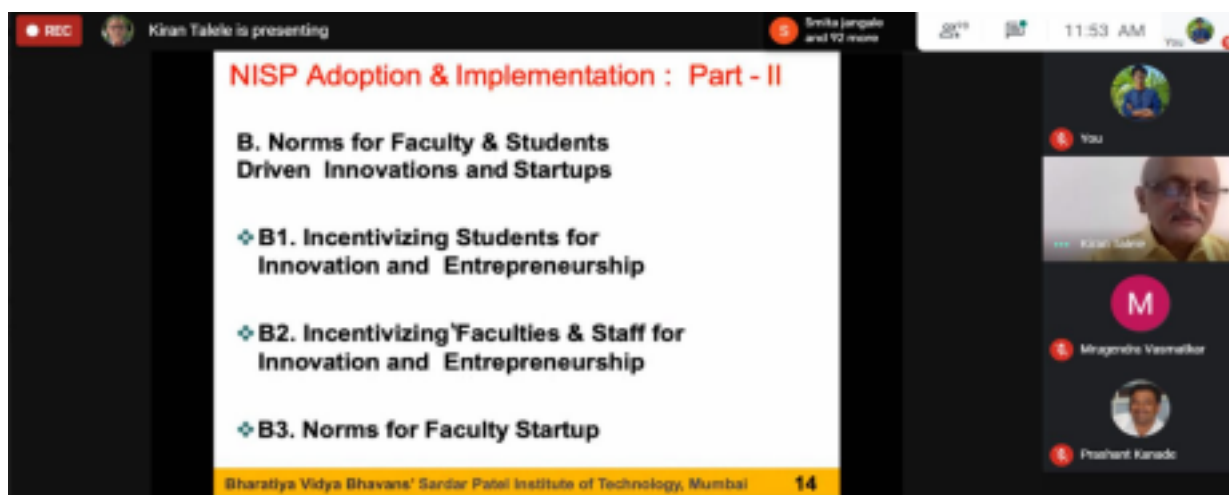
### National Education Policy (NEP)-2020 (22/12/2020)



**Dr. Shakila Shamsu briefing NEP 2020**

Hope all of you are acquainted with the advent of the new National Education Policy (NEP), 2020. Its purpose is not just the creation of greater opportunities for individual employment, it aims at a larger picture of creating a productive, innovative, progressive, and prosperous nation. It envisages a quality higher education that can develop thought-ful, well rounded, and creative individuals. In a nut-shell, education will be holistic, more student-centric and flexibility will be its hallmark. For instance it provides flexibility for an engineering student to opt for some courses in philosophy, law or even music, along with his main-stream engineering subjects. The implementation of this policy is expected to be completed by 2030. Let us hope all of us will appreciate this concept and welcome this change in policy.

### National Innovation & Startup Policy (NISP) (30/01/2021)

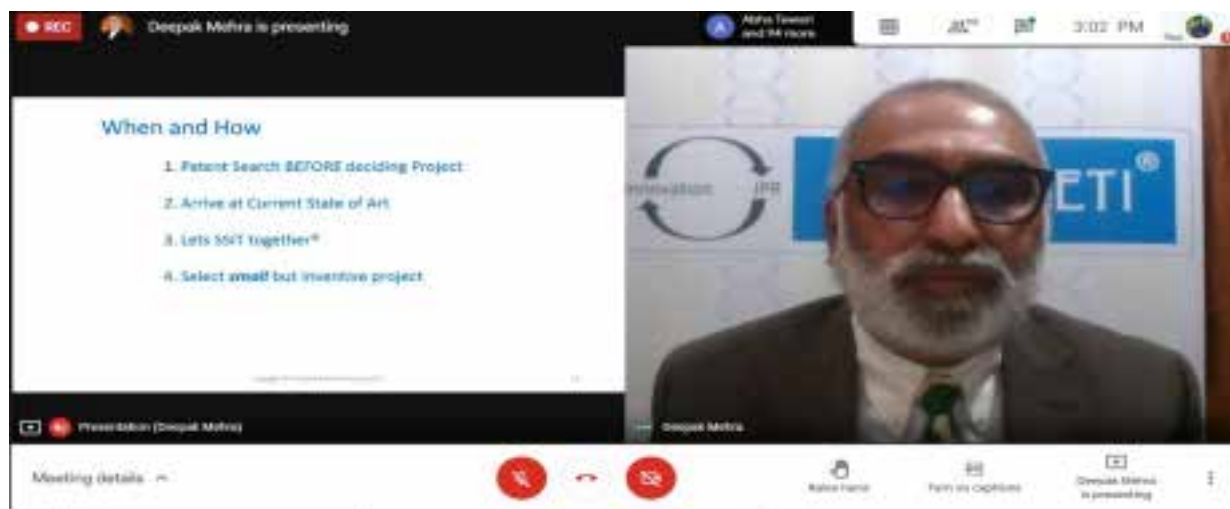


**Webinar by Prof. Kiran Talele on NISP**

NISP, which was launched on September 11, 2019, for students and faculty has been constantly intending to promote Innovation and Entrepreneurship throughout the country. Mr. Talele stressed that the idea of startup culture should be inculcated in the minds of students during their academic phase itself. Research phase, Prototype development and then finally product development are the steps involved in innovative startups. Development of technology and commercialization of technology and product , both are equally important for successful entrepreneurs.

## Intellectual Property Rights (IPR) (30/01/2021)

Innovation comprises several kinds of Intellectual Property - be it a product or a process innovation, or an



**Dr. Deepak Mehra explaining IPR**

original shape and appearance, a material composition or a computer program. Each kind of Intellectual Property - Patent, Design, Integrated Circuit, Biodiversity and copyright, that brings technical advancement, needs to be understood so it can be appropriately identified and refined for valuation and GLOBAL protection. An early understanding is expected to result in fast tracking of commercialization of Innovation and corresponding IPR.

### **National Innovation Contest 2020:**

The IIC National Innovation Contest 2020 was announced during the month of February 2020. This was the 2nd edition of IIC-National Innovation Contest (2020) for the students from IIC-Institutes to take part in this 360-degree innovative and experiential learning process. The National Innovation Contest will provide a 360-degree cycle of learning and understanding the process of innovation and start-up. It was designed in a way that each team will traverse a path from problem identification and ideation to building a business model and finally entering the phase of Enterprise development in a time period of one year.

IIC National Innovation Contest 2020 process steps and timelines:

- Field Visits & Problem Identification from Society, Industry and Market
- Innovative Idea Scouting, Evaluation & List on IIC Portal (Extend the date to 21st June for submission by students for Idea/PoC and 30th June for Prototype and for IIC Institute to nominate by 13th July)
- Validation of Idea and Proof of Concept (PoC) Development
- Nomination of Upto 5 Best Prototypes/Innovations to IIC-MIC
- Regional Mentoring Sessions (Online) and Shortlist of Prototypes/innovation for Next Level
- National Level Bootcamp (Online) and Recognition at National Level
- International Training and Exposure Programs

## Statistics of the teams participated from VESIT

Idea submission	53
Poc submission	84
Prototype submission	39
nominated Prototype	5

5 prototypes were nominated from college out of which one prototype titled 'Smart Social Distancing Device' is shortlisted for stage 2 evaluation.

### Toycathon 2021



**Dr.Abhay Jere addressing about Toycathon 2021**

India, despite being a home of many globally popular games like Chess, Ludo, Snakes and Ladders, is not among leading developers and manufacturers of toys. Under the 'Atma Nirbhar Bharat Abhiyan' initiated by our Hon'ble Prime Minister, Shri. Narendra Modi, Toycathon-2021 is conceived to challenge India's innovative minds to conceptualize novel Toy and Games based on Bharatiya civilization, history, culture, mythology and ethos. Currently, India's toy market stands at around 1.5 Billion USD, which primarily is dominated by imported toys. Moreover, the majority of these toys do not represent Indian heritage, civilization and value systems. Toycathon 2021 is a unique opportunity for Students, Teachers, Start-ups and Toy experts/professionals in India to submit their innovative toys/games concepts and win large numbers of prizes worth Rs. 50 lakhs. Winning Teams efforts will be made to commercialize the exceptional toy concepts will support from Industry and investors.

4 ideas from VESIT have been shortlisted for the **Grand Finale** of Toycathon 2021.

**Team: Path Finder, Electronics and Telecommunication Department**

**Mentor :** Mrs. Ashwini Sawant

**Title:** To help identify children of age 8-13 years how different crops look like. 2. To provide keyboard specially for visually impaired children which will help experience and learn them shapes of different alphabets and braille along with pronunciation

**Team : Code Linguistic, Computer Engineering department**

**Mentors:** Mrs. Priya R L, Mrs. Mannat Doultani

**Title:** Ethnicity of India: Diversity in culinary practices. *विविध*ekyam Bharat

**Team : Saarathi, Electronics and Telecommunication department**

**Mentor:** Mr. Mrugendra Vasmatkar

**Title :** Rediscovering India!!

*“Do not judge me by my success, judge me by how many times I fell down and got back up again.”*

- Nelson Mandela, former President of South Africa.

# Training and Placement Cell

Due to the ongoing uncertainties caused due the pandemic since March 2020, a new norm had to be established in every field of interaction with the world.

The education field also witness a shift to the online teaching-learning process, assignments and exams. The recruitment process had also witness a major change and a new norm was established with respect to the entire placement process.

The complete recruitment process including registrations, aptitude tests, technical and coding tests, group discussions, technical and personal interviews were all conducted online.

We are very happy to state that the entire placement team, placement coordinators and students rapidly adapted to the new requirements and norms. This has helped us achieve good placements for the current outgoing batch of students.

Placement season for the academic year 2020-2021 commenced in July 2020. Companies from the core engineering, information technology, controls and finance domains have visited our campus for recruitment. The new norm of online testing process confirms that recruitments are skill based rather than knowledge based. Till date, 41 companies have visited our campus and a total of 456 offers have been given to 621 students who registered for placements.

JPMC, our dream status recruiter has given 25 offers with 14 LPA through the Code for Good contest this year too! Companies like Accenture , Capgemini, LTITL, TCS, Quantiphi etc. have continued with the trend of having a differential salary package based on the performance of students ranging from 3.5 to 7.5 LPA. Till date, around 10 companies have visited us for the first time for campus recruitment from Dream/core company category.

Our top Recruiters are JPMC (25) , LTITL (89), Capgemini (86) Accenture (85), Quantiphi(16) . More than 15 companies have visited us with a salary of more than 5 LPA.

Core companies for Instrumentation branches have started approaching us for recruitment in this semester and we hope that by the end of the academic year many instrumentation students will be placed in core instrumentation companies.

All placement related workshops and seminars conducted by Training and Placement cell were conducted online which has helped students to mould themselves to the new pattern of recruitment.

The placement cell takes this opportunity to thank the Management, Principal, Vice –Principal, Head of Departments, Placement In-charges and placement coordinators for their whole hearted support and co-operation during the recruitment drive.

## Placement Status 2020-2021 Batch (As on 18th Feb 2021 \*\*)

	Total	ETRX	CMPN	INST	EXTC	INFT	MCA
Job Offered	455	59	187	8	85	47	69
Second Job	90	11	40	0	20	12	7

	Total	ETRX	CMPN	INST	EXTC	INFT	MCA
Placed	365	48	147	8	65	35	62
Number of students Registered for Placements	623	86	193	46	139	67	92
% Offered (Registered)	73.03	68.60	96.89	17.39	61.15	70.14	75.00

\*\* Placement for 2020-2021 batch is still going on.

### Placement Team 2020-2021

Training and Placement Officer: Mr. Nagananda A.		
Deputy Training and Placement Officer: Mr. Dashrath Mane		
<b>Placement In-Charges</b>		
ETRX	Mrs. Sarika Kuhikar	
CMPN	Mrs. Indu Dokare	
INST	Mr. Prasad Godse	
EXTC	Dr. (Mrs). Ranjan Bala Jain	
INFT	Mrs. Vidya Pujari	
MCA	Mrs. Indira Bhattacharya	
<b>Placement coordinators</b>		
ETRX	D16A	1. Vaibhav Bagul 2. Nemisha Vikamsey 3. Reeti Kothari 4. Umedsingh Rathod
	D16B	1. Tanmay Kothale 2. Tanmai Govindan 3. Dhruv Nambiar 4. Mrinali Dole
CMPN	D17A	1. Chetas Shinde 2. Amay Chugh 3. Srivatsan Iyengar 4. Aishwarya Goythale
	D17B	1. Kalpesh Bhole 2. Kunal Bathija 3. Dhanashree Shetty 4. Raghav Potdar
	D17C	1. Nitesh Janyani 2. Bhavesh Mangnani 3. Varun Rochwani 4. Kanchan Shownkeen
INST	D18	1. Varad Rane 2. Pranita Jadhav 3. Soham Sawant 4. Pooja kulkarni

EXTC	D19A	1. Anish Talwelkar 2. Anand Lathi 3. Atharva Narkhede 4. Samarth Shahu
	D19B	1.Sahaj Santani 2.Yajnesh Shetty 3.Prasad Naik 4.Shreya Swanne
	D19C	1. Ganesh Gaonkar 2. Shriya Chavan 3. Sakshi Yendhe 4. Mamta Pathare
INFT	D20	1. Jai Mulani 2. Vignesh Pillai 3. Hrishikesh Deshpande 4. Hitesh Ochani 5. Vandana Chanchlani
MCA	MCA3M	1.Jitendra Sahoo 2.Rohan Kumbhare 3. Sneha Hirnaik 4.Sushil Saindane
	MCA3A	1.Kaushik Janmanchi 2.Manasi Patil 3.Rishabh Kankani 4.Yamini Agrawal

*"I can be changed by what happens to me. But I refuse to be reduced by it."*

- Maya Angelou, American poet and author.

# LeadingIndia.AI

As a new initiative in Academics and Research, VESIT has become one of the Zonal Lead Partners with LeadingIndia.AI, Nationwide Initiative. The mission of this initiative is to promote Deep Learning and AI skills mainstream in India, to fulfill the trilateral needs of entrepreneurship, Industry-academia partnership, and application-inspired Engineering Research. VESIT LeadingIndia AI Team is lead by Dr. (Mrs.) Vijayalakshmi Murli (Vice Principal, VESIT) along with Dr. (Mrs.) J. M Nair (Principal, VESIT), Dr. (Mrs.) Shalu Chopra (Head of IT Department), Mrs. Sangeeta Oswal (Assistant Professor, MCA Department), Mrs. Vidya Pujari (Assistant Professor, IT Department) and Mrs. Lifna C S (Assistant Professor, Computer Engineering Department). Under this association, various activities are being scheduled to Promote AI and Deep Learning Skills among Students and Faculties and to get them ready for the future.

During the Academic Year 2020-21 the following activities were conducted during the COVID'19 Lock-down:

1. Virtual Summer Internship Program for Students
2. Arranged Tech-Xpert Talks as a part of VESIT Academia Industry Connect Program
3. Published 13 Student Blogs on VESIT AI Gyan Website

## **Virtual Summer Internship Program for Students**

On behalf of VESIT - LeadingIndia.AI Team, **6 weeks - Virtual Summer Internship Program 2020 was offered by LeadingIndia.AI to students during the Lockdown period** in the following topics in two slots (Slot 1: 11th May 2020 - 19th June 2020 & Slot 2: 1st June 2020 - 10th July 2020) :

1. Object Recognition and Detection
2. Natural Language Processing
3. Unusual Activity Detection
4. Cyber Fraud Detection
5. Real-time Video Processing
6. Reinforcement Learning
7. Drone Surveillance
8. Object Detection using Humanoid Robot NAO
9. Compression Techniques

**Around 33 students from all branches were selected and completed the Internships successfully. The names of some Research Projects executed are as follows:**

1. Violent Individual Identification using Deep Learning
2. Pandemics! A Harsh Reality :(
3. Flu Shot Learning: Predict H1N1 And Seasonal Flu Vaccines
4. Recognizing Emotion From Speech Using Machine Learning And Deep Learning
5. IDTReeS Integrating Data Science With Trees And Remote Sensing
6. Parameters Optimization Of A Learning Model For Hyperspectral Image Classification
7. Convolution Neural Networks For Urban Sound Classification
8. Detection Of Epileptic Seizure Using Deep Learning Techniques.
9. Improved KNN Based Music Recommendation Engine
10. A Structured Filter Pruning Approach for Efficient Inference of Deep Neural Networks

11. Making Deep neural network's ready for Mobile/Edge devices
12. Identifying weeds using Image classification
13. DengAI: Disease Spread Prediction

### **Arranged Tech-Xpert Talks as a part of VESIT Academia Industry Connect Program**

VESIT Renaissance Cell in association with VESIT - IQAC and VESIT - IIC organized "Tech-Xpert Talks : VESIT Academia Industry Connect Program", a National-Level Technical Talk Series in association with Industry partners of VESIT from 22nd July to 31st July 2020 for the Faculties, Industry Professionals, Research Scholars and Students of various Departments and Institutes. Sessions were arranged to provide insights into the Emerging Areas of Technology and their applications in diverse sectors by Industry experts from different VESIT academies. Being one of the Industry Partners, VESIT LeadingIndia.AI Academy Team arranged two Expert Talks. The Expert Talks was a Live event on Cisco Webex with 100+ Participants. The details are as follows :

1. "AI in action-The transformative applications of AI in real world" by Devesh Rajadhyax, Founder and CEO, Cerelabs Pvt. Ltd. on 26th July 2020 @ 4pm
2. "Let's on-board Data flight towards AI based Decisions" by Jatinder Kautish, Director – Data Science & AI, Capgemini India on 27th July 2020 @ 10am.

Based on the Internships attended by students at various Industries and Startups, articles written by students were scrutinized and Top 13 were published in VESIT AI Gyan website - <https://vesitaigyan.ves.ac.in/> . The details of the Blog are as follows :

Sr. No	Title of Blog with Links to website	Authors
1	Violent Individual Identification using Deep Learning	Advait Naik
2	Pandemics! A Harsh Reality :(	Jay Jhaveri
3	Flu Shot Learning: Predict H1N1 And Seasonal Flu Vaccines	Jay Jhaveri
4	Recognizing emotion from Speech using Machine learning and Deep learning	Abhay Anupam Gupta
5	Parameters Optimization of a learning model for Hyperspectral Image classification	Srajan Shetty
6	IDTReeS: Integrating Data science with Trees and Remote Sensing	Rahul Koli
7	Convolution Neural Networks for Urban Sound Classification	Neeraj Ochani
8	Detection Of Epileptic Seizure Using Deep Learning Techniques.	Richa Bhatia
9	Improved KNN Based Music Recommendation Engine	Shivani Vijay Patil
10	A Structured Filter Pruning Approach for Efficient Inference of Deep Neural Networks	Akash Maurya
11	Making Deep neural network's ready for Mobile/Edge devices	Devdatta Khoche
12	Identifying weeds using Image classification	Archana Bhatia
13	DengAI: Disease Spread Prediction	Padmaja Borwankar

# AIA Competency Development Center

## Canvassing of AIA Basic Automation Course to Third year ETRX, INST & EXTC

Class	Date	Time	Faculties
D11A	12/10/2019	10.30-10.50	Kader Shaikh & Abhijit Shete
D11B	12/10/2019	10.50-11.10	
D13	04/10/2019	10.30-11.20	Kader Shaikh & Prasad Godse
D14B	11/10/2019	10.30-10.50	Kader Shaikh & Ajinkya Valanjoo
D14A	11/10/2019	10.50-11.10	
D14C	15/10/2019	1.30 – 1.45	

“V.E.S. Institute of Technology (V.E.S.I.T) - Competency Development Center” by “Automation Industry Association (AIA)” regularly conducts “Integrated Automation: Basic Course” as a part of CAMPUS CONNECT INITIATIVE. This add on course gives more weightage to hands on training on the various kits specially made for this purpose as,

1. Sensors (P&F)
2. Pneumatics` (Festo)
3. Controls and Visualization (Siemens)
4. Motion Control (B & R Automation)
5. Integrated Stand-I and II

**Date:** 8th Jan to 23rd Jan 2020

**Duration:** 50 Hours course

**Number of students:** 05 (INST – 5)

**Teaching Faculty:** 11

Mr. Kader Shaikh, Mr. Abhijit Shete, Mrs. Rakhi Jadhav, Mr. Vijay Shejwalkar, Mrs. Ramya T, Mr. Prasad Gosde, Mrs. Nilima Warke, Mrs. Kanchan Chavan, Mrs. Gauri Sahoo, Mr. Ajinkya Valanjoo, Mrs. Kadambari Sharma

## Visit to B&R Industrial Automation Pvt. Ltd, Wakdewadi, Pune

**Date:** 3<sup>rd</sup> February 2020

**Duration:** Full day

**Number of students:** 6

**List of visiting staff members**

1. Mrs. Kadambari Sharma
2. Mr. Ajinkya Valanjoo

**B&R Staff:**

1. Mr. Praveen vaidya
2. Mr. Tanmay Sharma

Industrial visit was arranged for AIA students of Jan 2020 batch. One student of the previous batch (Jan 2019) also accompanied them on the visit.

This visit was to the training center of B&R Industrial Automation Pvt. Ltd. Visit started with an introduction of the company and its products like automation PC, PLC, HMI, drives, servo motors, stepper motors, linear motors, etc. Construction, working and applications of various components/devices/systems were explained in detail. Experimentation setup for pick and place robot, item segregation, print mark cross cutter, 3 axis robot systems were demonstrated.

### **Visit to Siemens Ltd, Kalwa Works, Thane**

**Date:** 7<sup>th</sup> February 2020

**Duration:** Full day

**Number of students:** 5

**List of visiting staff members**

1. Mr. Kader Shaikh

**Siemens Staff:**

1. Mr. Prasad Ravekar
2. Mr. Sandeep Kadlak

Industrial visit was arranged for AIA students of Jan 2020 batch. This visit was to product testing and customization center of Siemens Ltd, Kalwa Works, Thane. Mr. Prasad Ravekar briefed students about emerging technologies in PLC. He specifically spoke about how machine learning and artificial intelligence is affecting the development and operation of PLCs. He encouraged students to make themselves familiar with IIoT components and artificial intelligence technologies.

Mr. Sandeep Kadlak, started with brief description about different types of PLCs developed by Siemens. Sandeep explained steps for programming, deployment and troubleshooting in various automation projects. A guided tour to various facilities of department was arranged.

### **Workshop on PLC programming and simulation using B&R Automation Studio.**

**Date:** May 14 to 19, 2020 (excluding May 17, 2020)

**Duration:** Five days

**Number of faculty:** 1

**Name of faculty:** Mr. Kader Shaikh

**Number of participants (students):** 12-22

**Mode of lectures/session:** Online using google meet

**Number of industry expert:** 1

**Industry expert:** Mr. Tanmay Sharma, System Engineer, B & R Automation, Pune

**Participation in webinar lecture series organized by VRC in association with VESIT-IQAC and IIC.**

Details of speakers arranged by VESIT AIA CDC are,

Sr	Name of speaker	Designation	Industry	Topic covered	Date & time
1	Mr. Vinayak M. Khandeparkar	Director – Operations	V.S. Equipments & Automations Pvt. Ltd.	Machine Automation in Packaging (Industries: Pharma/ Food /Cosmetics)	25 July 2020, 03:00 P.M.- 04:00 P.M.
2	Mr. Chandrashekar Iyer	Retired Executive Director	Bharat Petroleum Mumbai Refinery	Industrial Revolution 4.0 for Manufacturing sector	26 July 2020, 10:00 A.M.- 12:00 P.M.
3	Mr. Sagar Jorapur	Assistant Manager, Wireless & Digital Marketing	Emerson Automation Solutions	Pervasive Sensing enables Proactive Decision Making by transforming data into analysis	28 July 2020, 03:00 P.M. - 04:00 P.M.
4	Mr. Tanay Sil	Head - Business Development & Education Network	B&R industrial Automation Pvt. Ltd.	IIoT for Brownfield & Greenfield Projects	29 July '20, 10:00 A.M.- 12:00 P.M.

**Event description:** Participation in Instru-International Talk Series, organized by Department of Instrumentation in Association with VESIT - IQAC (Internal Quality Assurance Cell) and VESIT - IIC (Institution Innovation Council), Mumbai from 7 September to 12 September, 2020.

Details of speakers arranged by VESIT-AIA CDC are,

Sr	Name of speaker	Designation	Industry	Topic covered	Date & time
1	Dr. Zied M. Ouertani	Vice President, Chemicals & Refining	ABB Germany	Augmented Reality and Mobile Solution for Field Operators	10 Sep 2020, 02:30 P.M.- 03:30 P.M.
2	Mr. Ganesh R. Rapelli	R&D Product Manager	ABB Ability Innovation Center	Discussion or Chat with a Department Alumnus	09 Sep 2020, 02:30 P.M.- 03:30 P.M.

*“On the other side of a storm is the strength that comes from having navigated through it. Raise your sail and begin.”*

-Gregory S. Williams, American Writer and Author

# Looking Beyond Syllabus

LBS stands for “Looking Beyond Syllabus” Activity. It’s 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. Through LBS, VESIT offers an opportunity to the students in contributing to society by providing innovative and efficient solutions for today’s needs of the citizens.

The competition is open for 1st year, 2nd year and 3rd year students of B.E and MCA who are interested in exploring and understanding technology. The competition in collaboration with IIC, was started by sending an email on 26th September 2020 to the eligible students for online registration for the project proposals. Form was open for students till 12th October 2020.

Online mentor registration form was also open 23rd October, 2020 till 31th October, 2020 in which interested faculty can apply for mentoring the projects according to their area of interest. 26 faculty from various departments registered for the same. Allocation of mentors to the selected teams was done on 29<sup>th</sup> January, 2021.

First review presentation of the project was held online on 23rd November, 2020. Six panels of judges were made, comprising three faculty from different departments for scrutinising the project proposals. Proposals were examined based on the relevance and validation of problem & solution, feasibility of the solution and applicability of the solution.

Panel 1- **Mr. Richard Joseph, Ms. Kajal Jewani, Ms. Ruchi Rautela**

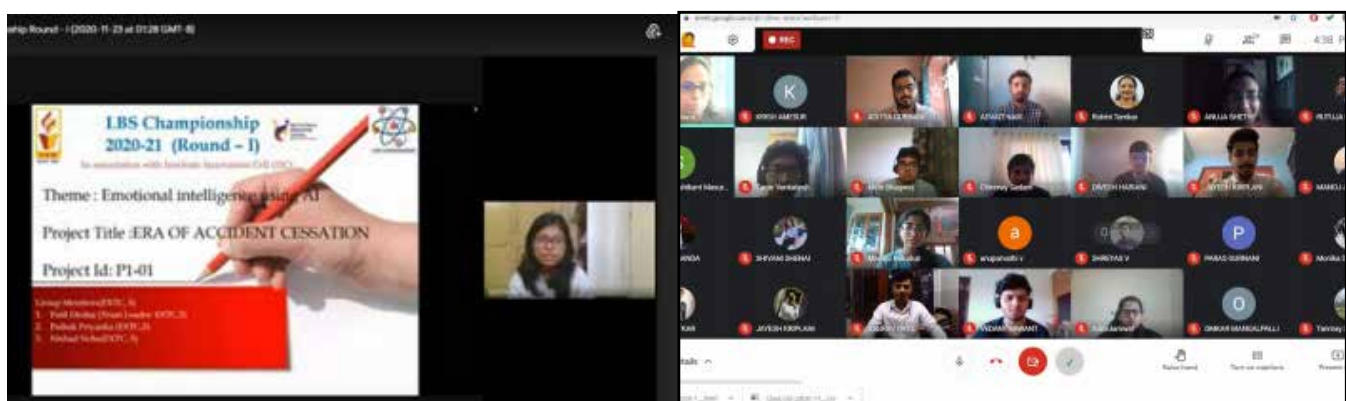
Panel 2- **Ms. Sangeeta Oswal, Ms. Rohini Temkar, Ms. Anuradha Jadiya**

Panel 3- **Dr. Parameshwar Birajadar, Ms. Amrita Jhaveri, Ms. Jayashree Hajgude**

Panel 4- **Mr. Mrugendra Vasmatkar, Ms. Manisha Joshi, Ms. Priya R. L.**

Panel 5- **Dr. Shanta Sondur, Dr. Manoj Sabnis, Ms. Gauri Sahoo**

Panel 6- **Mr. Gopalakrishnan, Ms. Madhumati Khuspe, Ms Kadambari Sharma**



First review presentation of the projects taken on 23rd November, 2020.

Following 26 groups were selected for the second round.

Sr. no.	Project ID	Title	Mentor Name	Department of Mentor
1	P1-01	ERA OF ACCIDENT CESSATION	Dr. Anjali Yeole	CMPN
2	P1-05	Deface - Creating & Detecting of Deepfakes	Indira Bhattacharya	MCA
3	P1-06	Automated Document Verification for Admission Process.	Manisha Joshi	EXTC
4	P1-08	Online Exam Portal	Dr. Ramesh Solanki	MCA
5	P1-09	Virtual Lab for Analysis of Algorithms	Jyoti Bagate	EXTC
6	P2-02	Accident Data Crowd Sourcing System	Abha Tewari	CMPN
7	P2-04	Fake news detection and Sentiment Analysis of news using Machine Learning	Neeta Chavan	EXTC
8	P2-05	Poacher detection	Dr. Nandini Ammanagi	EXTC
9	P2-07	Heathcare related topics like drug discovery, genomics, track and prevent diseases, predictive analytics, medical imaging, monitoring patient's health, etc	Dr. Sharmila Sengupta	CMPN
10	P2-08	DRISHTI (Automated Exam Surveillance System)	Anushree Prabhu	ETRX
11	P3-01	Automatic waste segregator and automation	Dr Shiv Kumar Goel	MCA
12	P3-02	A CNC robot for Vertical farming	Dipti Karani	ETRX
13	P3-03	Drizzlr	Pallavi Gangurde	EXTC

Sr. no.	Project ID	Title	Mentor Name	Department of Mentor
14	P3-04	Sharing of medicine	Pooja Shetty	INFT
15	P3-05	MoodScore Android App	Vaishali Gatty	MCA
16	P3-06	Asana - Enabling remote fitness	Jayshree Hajgude	INFT
17	P3-07	A Digital Health Monitoring Device	Richard Joseph	CMPN
18	P4-02	Digital Stethoscope with AI	Priya R L	CMPN
19	P4-03	PRO-FIT : Your Virtual Fitness Trainer	Dr. Dhanamma Jagli	MCA
20	P4-07	Jeevan Paritrata - A ML based accident management system	Shobhit Khandare	EXTC
21	P5-02	E2 (Education Made Easy)	Amrita Jhaveri	ETRX
22	P5-07	Virtual Lab for Seamless Practicals	Asma Parveen I. Siddavatam	INFT
23	P5-08	Data structures and algorithms Visualisation	Ameya Parkar	MCA
24	P6-02	Social welfare website	Ruchi Rautela	MCA
25	P6-04	VESIT Autorickshaw Pairer	Dr. T. Rajani Mangala	ETRX
26	P6-05	“Credit Card Fraud Detection”	Abhishek Chaudhari	ETRX

#### **LBS COORDINATORS:**

Mrs. Kadambari Sharma, Assistant Professor, (INST)

Mrs. Ruchi Rautela, Assistant Professor, (MCA)

Mrs. Anuradha Jadiya, Assistant Professor, (EXTC)

Mrs. Priya R. L., Assistant Professor, (CMPN)

Mrs. Jayashree Hajgude, Assistant Professor, (IT)

Mrs. Gauri Sahoo, Assistant Professor, (ETRX)

#### **LBS IN-CHARGE:**

**Dr. (Mrs.) T. Rajani Mangala**, Asst Professor, (ETRX)



# Tinkerer's Lab

# Department of Electronics Tinkerer's Lab



## Staff in-charge:

**Dr. Abhay Kshirsagar**, Associate Professor at the Department of Electronics

**Mr. Abhishek Chaudhari**, Assistant Professor at the Department of Electronics

**Student in-charges:** Neeraj S. Patil (D16A)  
Shrikrishna Pai (D16B)

**VIVEKANAND EDUCATION SOCIETY'S INSTITUTE OF TECHNOLOGY**  
Department of Electronics Engineering  
Tinkerer's Lab

**Faculty Incharges**

**Dr. Abhay Kshirsagar**, Associate Professor

**Mr. Abhishek Chaudhari**, Assistant Professor

**Student Team**

**Ms. Kalyani Ingole**, BE ETRX

**Ms. Nikita Patel**, BE ETRX

**Ms. Sayli Sawant**, BE ETRX

**Ms. Sakshi Suryawanshi**, BE ETRX

**Mr. Neeraj Patil**, BE ETRX

**Mr. Arnagh Gajare**, BE ETRX

**Mr. Yogesh Tembe**, BE ETRX

**Mr. Tarit Das**, BE ETRX

**Mr. Sakthivel Nadar**, BE ETRX

**Mr. Amey Sorjye**, BE ETRX

**Mr. Chetan Dharmik**, BE ETRX

**Mr. Atharva Ghodgaokar**, BE ETRX

**Mr. Shrikrishna Pai**, BE ETRX

## Council Members

Tinkerer's Lab, Electronics Department has a vision of empowering the young minds with proper skilled training in the field of electronics by conducting workshops and promoting participation in various technical project competitions, carrying out research and solving day to day problems with the use of technology. The lab also has an inventory that provides components to students to carry out projects.

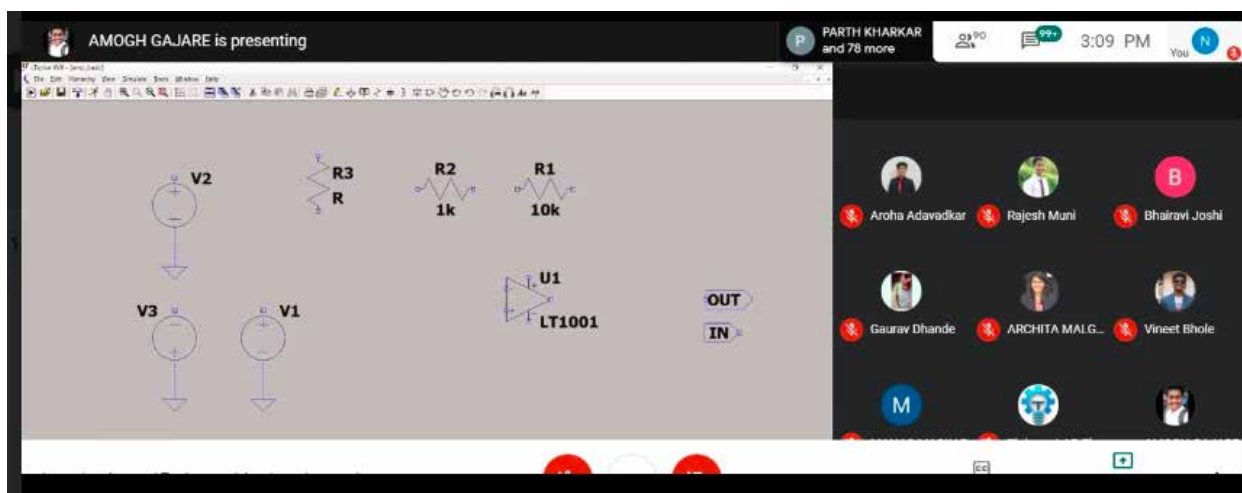
## Events:

### Workshop on Analog, Digital Electronics and PCB designing

The Tinkerer's lab of the Electronics department (VESIT, Mumbai) conducted a workshop on **Analog, Digital electronics and PCB designing**. The workshop was conducted spanning a period of three days from 22nd August to 24th August 2020 with each interactive hands-on session lasting about two-and-a-half hours each on the Google meet platform. The target audience was primarily students from the Second and Third year of the electronics engineering department. Due to Covid-19, the first-year students promoted to the second year were not given hands-on training on Eagle and hardware simulation software, the aim was to make them self reliant for doing projects with the help of these tools. The workshop received a huge response of 119 students from second and third-year students. It was free of cost. The students were required to install LTSpice and Eagle software with no other prerequisite taken into consideration. The students were provided with step guides at the end of the workshop.

## Day 1

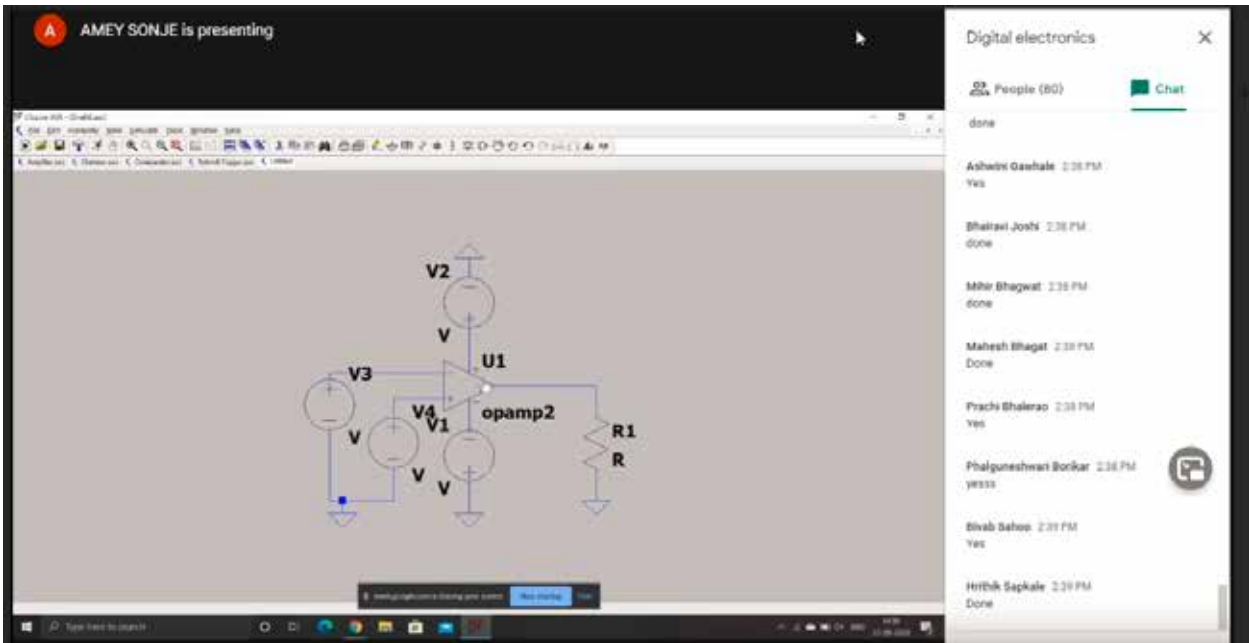
On Day 1, the basics of how circuit simulation engines like SPICE works was explained after which SPICE-based software LTSpice was introduced to the participants by Kalyani Ingole (D16B). After explaining all the functionalities and the general tasks involved in any kind of simulation, a minor project (ECG Amplifier) was done by the students under the guidance of Tinkerer's Lab member, Amogh Gajare (D16A). It involved adding custom signals as an input, designing a non-inverting amplifier using an operational amplifier IC provided by Linear Technology Corporation (now part of Analog Devices).



LTSpice simulation being explained by Amogh Gajare (D16A).

## Day 2, Session 1

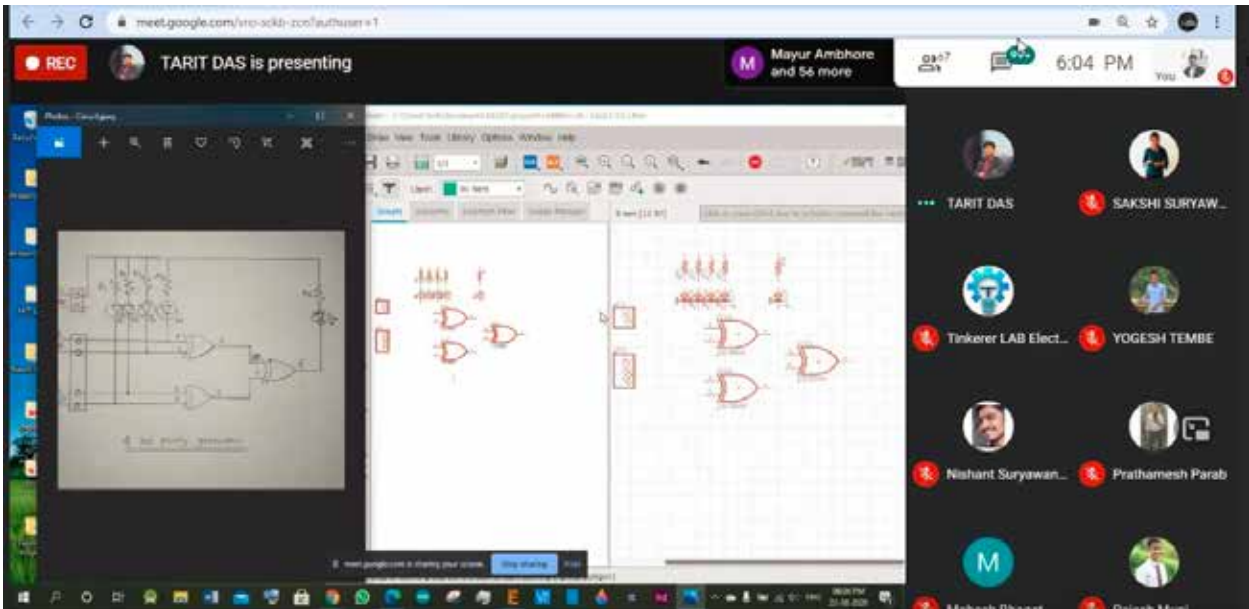
Day 2 starts with the continuation of circuit designing and simulation in LTSpice software. So in the previous session, operational amplifier designing and simulation was introduced to participants and for a better understanding of it, some of the non-linear applications of an operational amplifier such as Comparator and Schmitt Trigger were introduced to participants and were explained with their working and applications. Comparator design and its simulation was done by the students under the guidance of Mr. Amey Sonje (D16A), and finally, the basics of SPICE code and the importance of using regulator circuits and parity generator circuit with the proper way of using them, their circuit design and working was explained to the participants by Ms. Sayli Sawant (D16A).



**LT Spice simulation**

**Day 2, Session 2**

After circuit designing and simulation of basic electronic circuits, in continuation of our workshop the next phase was to introduce PCB designing software EAGLE and PCB fabrication process to the participants. Yogesh Tembe (D16A) explained the overall PCB fabrication process which covered the advantages of PCB and its step by step procedure to make a PCB and assemble components on it. After that, Sakshi Suryawanshi (D16B) explained EAGLE environment and its advantages, disadvantages and also discussed few schematic editor features. Tarit Das (D16B) explained in detail the schematic designing in Eagle.

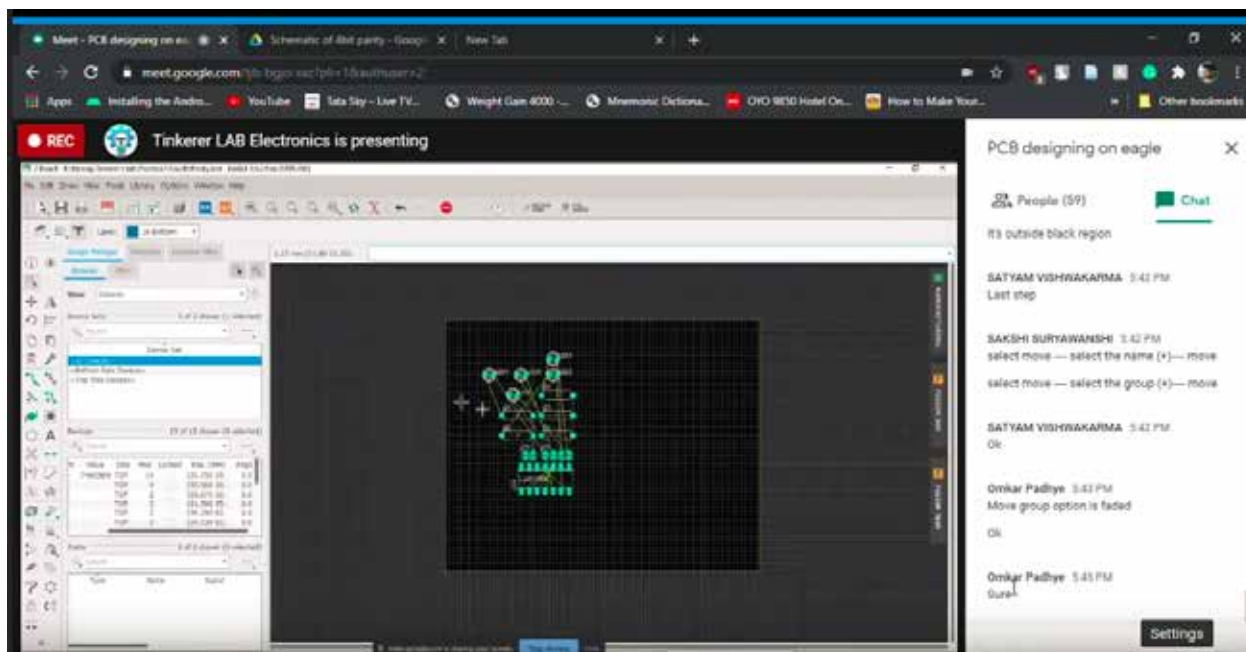


**Tarit Das (D16B) explaining the schematic design in EAGLE**

**Day 3**

The last session of this workshop was on designing the board from the schematics done in the previous session. This session was kicked off by Neeraj Patil (D16A). The user interface and the functions of the toolbar were explained in detail. The board was designed with step by step explanations of good practices, do's and don't were explained. The students were simultaneously told to design on their PCs. A video was shown of how to manufacture the PCB at home. Tarit Das (D16B) explained about the manufacturing process. More

than 95% of students rated the session above 4 out of 5. Nikita Patel (D16A) and Sakthivel Nadar (D16B) were involved in management work.



**PCB designing on EAGLE workshop.**

The students were told to submit an assignment on the topic of their choice as well as standard problem statements were given. They were asked to simulate on Ltspice and design the PCB on the same. Overall the Analog, digital electronics and PCB designing workshop turned out to be a knowledge enriching experience for the participants, volunteers, and organizers alike.

*“Resilience is knowing that you are the only one that has the power and the responsibility to pick yourself up.”*

-Mary Holloway, British Athlete

# Department of EXTC Tinkerer's Lab



**Staff In-charge:** Mr. Mrugendra Vasmatkar

**Student In-Charges:** Omkar Tupe, Shubham Annigeri, Riya Thomas, Suyog Patil, Sonali Dulange, Nayan Patil, Shubham Singh, Sidhant Satam, Sagar Khurana.

Tinkerers Lab aims at building a platform to get together many tinkerers, which means people who enjoy working on innovative ideas. It thrives to create a forum wherein enthusiasts could foray deeper into the aspects of electronics and technology and be effective engineers.

## Events carried out in the academic year:

### Mock Trial of Internal Assessment Test:

Tinkerer's Lab EXTC organized a mock trial of the Internal Assessment Test – 1 for odd semester of AY: 2020-2021, which was held for the first time in Online mode due to Covid 19 pandemic. The mock trial was conducted for the students of SE, TE and BE on 24th October, 2020 by Prof. Sanjay Mirchandani and Prof. Chintan Jethva. The students were briefed about how the test would be conducted in online mode and also made aware about the rules and regulations to be followed during the test.

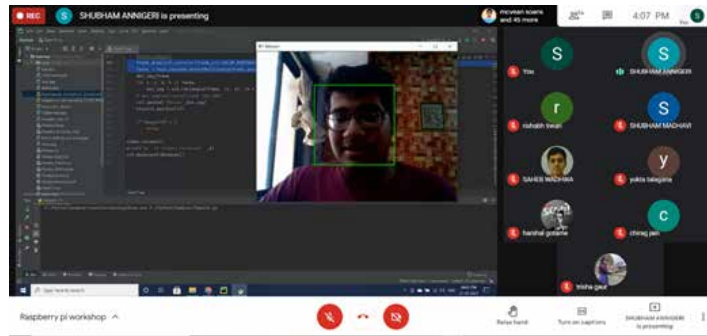
### Raspberry-pi with Python Programming

“Tinkerer's Lab EXTC in association with VESIT- IIC and VESIT- IQAC” had organized an Online training workshop on “Raspberry-pi with Python Programming” for second year students. This workshop was conducted as part of training for Mini project-1B-PART-B syllabus of SEM-III-EXTC. This workshop covered Raspberry-pi and interfacing of peripherals with it. The workshop was conducted on 3 days [21-03-2021, 28-03-2021 and 29-03-2021].

The resource person for workshop was Dr. Nadir Charniya, Professor, EXTC, VESIT and our alumni Mr. Shubham Madhavi, Mr. Shubham Annigeri, Mr. Sunit Raut. This workshop was organized by Mr. Mrugendra M Vasmatkar and IIC EXTC students.



**Interfacing with Raspberry-Pi**



## Interfacing with Raspberry-Pi

### Arduino training Workshop

Tinkerer's Lab EXTC had organized an Online "Arduino training Workshop" for second year students on 18/02/2021 and 28/02/2021 . This workshop was conducted as training for subject Mini project-1B-PART-A syllabus of SEM-III-EXTC. The workshop covered detailed architecture of Arduino and interfacing of peripherals with Arduino.

This workshop was conducted by Final year EXTC students of Tinkerer's Lab, Mr.Sidhant Satam, Mr.Sai Rane, Mr.Shubham Singh, Mr. Sagar Khurana and mentored and organized by Mr. Mrugendra M Vasmatkar.

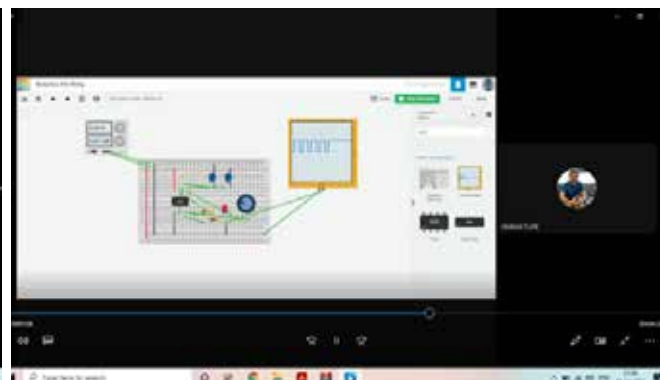
### Tinkering with Project

Tinkerer's Lab EXTC had organized a "Tinkering with Project" session on Project implementation, soldering and fundamental learning for Mini project 1-a.

The session was conducted on 13-12-2020 during 11:00 am. - 3:00 pm. This session helped the second year students in implementation of projects on General purpose PCB and learning basic project implementation concepts and techniques. This workshop was conducted as a part of training of PCB design and project handling. The resource persons for this workshop are EXTC,VESIT alumni Mr. Omkar Tupe and Mr.MohanishNiduvaje. The session was organized by Mr. Mrugendra M Vasmatkar, Assistant Professor, EXTC,VESIT.



**Soldering of Components**



**Simulation on Tinkercad**

# CMPN Tinkerer's Codecell



**Patron:** Dr Mrs. Nupur Giri  
**Staff in Charge:** Mr. Prashant Kanade  
**Staff Co-Ordinator's:** Mr. Richard Joseph, Mrs. Geocey Shejy  
**Student Council:**

## B.E Student Coordinators

Manas Mangaonkar	Outreach
Naren Khatwani	PR
Sahil Rajpal	Design
Tina Chandwani	Web Design
Sujit Kumar Singh	Technical Management

## T.E Student Coordinators

Arnav Bagchi	D12C	Lead
Rohan Ghosalkar	D12C	PR
Jay Dulera	D12C	Documentation
Ajay Khalsa	D12C	Web Design
Amit Chhabria	D12C	Web Design
Hrithwik Ekdae	D12C	Design

## S.E Student Coordinators

Ikjot Khurana	D7B	Public Relations
Rutuja Patil	D7B	Outreach
Rakshit Deshmukh	D7A	Design
Sneha Karthik	D7C	Tech. Management
Yashraj Desai	D7B	Web Development
Hrithika Singh	D7B	Web Development
Vishesh Mittal	D7B	Tech. Documentation
Tejas Mahajan	D7A	Vpc Co-ordinator

## WETECH IDEATHON

WeTech Ideathon 2020 powered by Github was organized by Codecell Tinker's from the Computer Engineering Department, VESIT in association with Women Development Cell. It was an ALL-WOMEN Ideathon. This event was focused on promoting innovation, diversity and networking among all future women engineers. The Ideathon was conducted for two days on 6th March 2020 and 11th March 2020 and was participated by 90 students from various departments of VESIT.



**WeTech Ideathon Committee students team with Mrs. Shobha Krishnan (Chairperson, WDC), Dr. Nupur Giri (HOD, Comp Dept.), Codecell Incharges and Judges.**

Daywise Summary of the Ideathon is as follows:

**Day 1: 6th March 2020**

- Problem Statement given:
- Women Safety
- Women Sanitation
- Pregnancy Care
- Depression Prediction in Women
- Recognising Women Crime Hotspot in the City
- Promoting Small Scale business for Housewives
- Promoting Girl Adoption
- Promoting Martial Arts for Student
- Aging Women Care
- PostNatal Care

The students of various teams reported at 10.00am for registration. The Expert Review started at 11.30am for Round 1 elimination in Smart Classroom, B32 by the domain experts for presenting their ideas. Finally, Day 1 ended at 4.00pm.

**Day 2: 11th March 2020**

After selecting 25 teams from Round 1, Round 2 elimination round started on 11th March 2020 at 10.00am. The Expert team reviewed the students with the prototype development based on their ideal solution for the chosen problem statement. VESIT Alumni are the domain experts invited as judges for the final round elimination on WeTech Ideathon. The post lunch session started with the introductory speech by Judges to the final round participants. In Total, 10 teams from 25 teams were selected for the final round. There were three judges invited for the judging, namely; Mrs. Amrita Gandhi, Manager at Style Us Brands Pvt. Ltd., Ms. Deepika Singh, Cyber Security researcher at Maharashtra Cyber, Mrs. Anuja Deshpande, Senior Financial Analyst at Amazon started with the panel review session. Finally, the results were declared at 4.00pm and top 3 winners were awarded with cash prizes.

WINNERS		
Rank	Team Name	Team Members
1	RuleBreakers	Sneha Karthik
		Bhuvana Raisinghani
2	Technokrat	Gayatri Patil
		Neelam Somai
		Archana Bhatia
3	Luna Techs	Pratiksha Wadibhasme
		Sreevidya Iyer
		Dhanashree Shetty
CONSOLATION		
1	Girl Croosh	Suruchi Singh
		Asawari Tayade
		Aishwarya Chourasia
2	Violets	Ekta Kithani
		Nikita Achhra



**Mrs. Abha Tewari and Mrs. Sunita Suralkar, Dr. Nupur Giri (HOD, Comp Dept.) during the review section felicitating Mrs. Anuja Despande**



**Judges, Mrs. Anuja Despande, Ms. Deepika Singh and Mrs. Amrita Gandhi, announcing the result**

## ACTIVITY 2: SYRUS HACKATHON

Syrus Hackathon 2020 powered by Github and associate sponsors cloudspoit, coding blocks, bugsee, balsamiq was organized by Codecell Tinker's from Computer Engineering Department, VESIT. Syrus is focused on promoting innovation, diversity and networking among all future engineers. The Hackathon was conducted for 2 days from 5th March 2020 to 6th March 2020 and was attended by 129 students. The Hackathon was of a 34 hours intense session.



**CodeCell Committee students' team with Codecell Incharge, Prof. Prashant Kanade**

\*File Photo

Problem Statement given:

- Student Safety Management (Schools/Colleges)
- Suicide Prediction System
- Smart waste collection system
- Prediction of earthquake using IOT Technology
- Separate banking software for persons with intellectual disabilities including better access to avail ATM services
- Prediction of Pothole Depth
- Identification of Accident-Prone Spots
- Virtualization for Road Safety
- Easy transportation using Public Mode
- Transportation for Rural Areas
- Traffic Management
- Swift delivery system
- Track / Tackle / Diagnose Mental Health Issues
- Remote Access to Telemedicine and Mobile Healthcare
- Medicare and Medicaid Reimbursement
- Alternative Medicine
- Post-Surgery Care
- Managing the Massive Volumes of Patient-Related Data
- Financial Literacy for Rural Area
- Community Behavior Analysis
- Securing Communication in Wireless Network

- Malicious Human Behavior Detection
- Recognising Crime Hotspot in the City
- Design Plagiarism Tool
- Behavioral Analysis of Students
- Career Guidance
- Multi - Lingual Tutorial System for Weak Students
- Agricultural Marketing
- Green Energy
- Agriculture Farm Management System
- Identification of Fake Organic Products

### **Day 1: 5th March 2020**

The students reported at 8.00am for registration. The inaugural function was started at 8.30am by Prof. Prashant Kanade, Codecell Incharge along with Codecell Co-ordinators, Prof. Priya R. L, Prof. Richard Joseph in Smart Class Room, B32. The hackathon coding started around 9am. The 50 teams who were selected on the basis of their abstract submission were present. Lunch break was provided round 12.30 pm to all the participants. The session on the topic of “Introduction to Github and Azure ML Studio” was presented by Mr. Manas Mangaonkar, Leading Organizer of the Codecell Committee at 2 pm.

Meanwhile, the first review was started by the domain experts to the various allotted teams. At 4.00pm a quiz was conducted based on some technical questions and the winners were awarded with sponsored goodies. Day 1 hackathon ended at 5 pm and the participants were instructed to upload the code to Github Repository for selection of top 10 Teams.

### **Day 2: 6th March 2020**

Based on the results declared at the end of day 1, next day top 10 teams continued the hackathon at 9am.



**Mrs. Priya R. L. and Mr. Richard Joseph instructing the students during Syrus Hackathon**



**Mr. Manas Mangaonkar during the Session**

The introductory speech was given by Judges at 1.30pm. VESIT Alumni are the domain experts invited as judges for the Syrus Hackathon. Later the judges Mr.Parag Shah,Ceo at Kumar Shirts, Mr.Avinash Dhanwani, HOD of the Computer Department at VES Polytechnic and Mr.Sanjay Udasi,Risk Analyst at EY started with the panel review session. Prof. Prashant Kanade addressed the speech by thanking all the volunteers for making the event a success. He said that event was motivated by HOD, Dr. Nupur Giri and Deputy HOD, Dr. Gresha Bhatia of the Computer Engineering department. Dr. Nupur.Giri addressed the participants and mentioned that the event was meant to satisfy the Program Specific Outcomes of the curriculum. Codecell committee also conducted Google Cloud Workshop sponsored by Github which was another great success. She also mentioned that the CSI Chapter Training at 70% cost discount is available for our students. Dr. Nupur Giri also appreciated all the organizers for making the event a great success. She also announced that workshops are lined up for google. Dr. Gresha.Bhatia addressed the audience to give hands-on Experience on how hackathons are done and is one of the objectives of Codecell. IIC in-

novative activities are scuntinized the things and find innovative ideas. IIC looks up the ideas at institute level and takes it to MHRD level. After the thanksgiving ceremony was carried out, Mr. Avinash Dhanwan was felicitated by Dr. Nupur Giri, Mr. Sanjay Udasi was felicitated by Dr. Gresha.Bhatia, Mr. Parag Shah was felicitated by Mrs. Sujata Khedkar. At 4.00pm the results were declared and top three winners were awarded with cash prizes and two consolation prizes were awarded.

WINNERS		
Rank	Team Name	Team Members
1	TrueDat	Aditya Srivasatava
		Dheeraj singh Jodha
		Tanvi Shinde
2	Oculus	Shreyas Talole
		Gaurav Tirodkar
		Saurav Ubarhande
3	VSS	Srivatsan Iyengar
		Shravan Bhat
		Vivek Choudhary
CONSOLATION		
1	Innoventors	Anushka Tiwari
		Raj Mendon
		Divya Manoj
2	Shinchan	Rohan Ghosalkar
		Arnav Bagchi
		Naren Khatwani



**1st Prize Winner Team “TrueDat” with Dr. Gresha Bhatia (Deputy HOD of Computer Dept.) and Codecell Faculty Team along with an Alumni, Mr. Sanjay Udasi**

## COVID19 LOCKDOWN WORKSHOPS

Online Workshops during Lockdown was organized by Codecell Tinker's from Computer Engineering Department, VESIT in association with Institution's Innovation Council (IIC). These workshops introduced important domains that improved the skill set and helped in developing expertise. The workshops were open to all departments and was free of cost.

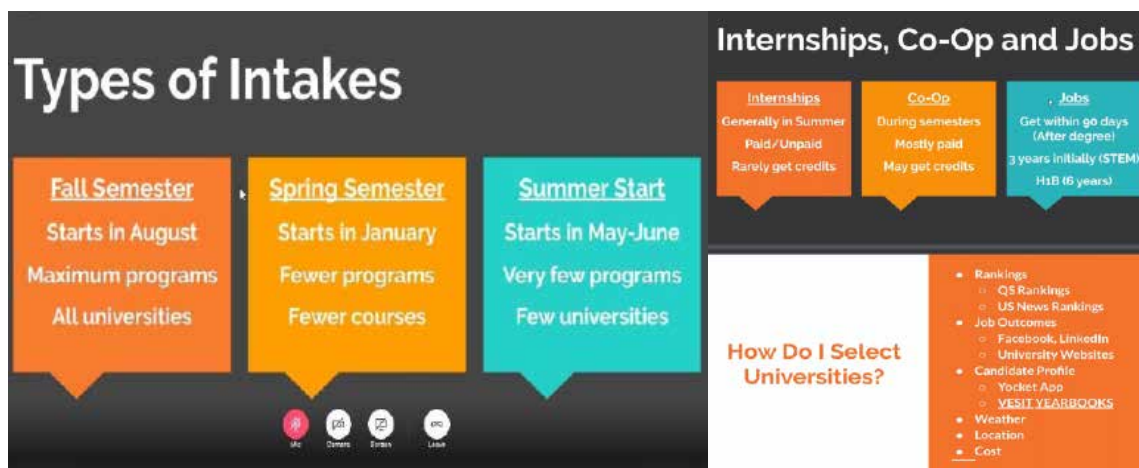
### Session 1: GRE Preparation

The session was conducted on 21st April 2020. It was a 2 hours online session. The speaker of the session was **Mr. Rishikesh Kadam** from class D17A (Comp Dept), VESIT. His GRE score is 330/340. He got admitted to University of Southern California, Los Angeles for Master of Science in Computer Science Program. USC is in top engineering institutions in US. As he has been through the application process, he conducted the session. The session was for all years, including FE.

He tried to cover everything in the session. He gave the information about Master's programs in the US. He explained the detailed application process about the timeline and application requirements. In the latter half of the session, he covered the GRE exam pattern, syllabus and some tips on how to prepare for the exam. Lastly, he covered TOEFL (Test of English as a Foreign Language) ie. English proficiency test required for Master's.

The session was registered by 118 participants and attended by a total 112 participants and 4 Codecell members and 3 staff members.

### Session 2: Data Analysis using Python



Snapshots of the session

The session was conducted from 22st April 2020 to 24th april 2020(ie. 3 days). It was a 9 hours (ie.3 hours a day) online session. The speaker of the session was **Mr.Sujitkumar Singh** from class D12B (Comp Dept), VESIT. He is the Campus Lead for Jovian.ml and Scaler Achiever by InterviewBit. He is also the Senior Technical Officer at CSI VESIT and student coordinator at IIC VESIT. He has conducted various workshops and sessions on Python, Django, Laravel, Bootstrap, Image Processing and Advanced Python. His interest lies in Machine Learning and Computer Vision.

Python is a general-purpose programming language, meaning it can be used in the development of both web and desktop applications. It's also useful in the development of complex numeric and scientific applications. With this sort of versatility, it comes as no surprise that Python is one of the fastest-growing programming languages in the world.

The reason behind this increasing popularity over the years is the cause of the Python easy to code syntax and a huge array of in-built libraries and frameworks for Data Science which include Numpy, Scipy, Matplotlib, StatsModel, Pandas, Bokeh with extension framework for Deep learning include TensorFlow.

**The Summary of session is as follows:**

**Day 1:Basics of Python data structures in Python and Numpy basics**

- What is DataAnalysis?
- Why Python for Data Analysis?
- Essential Python Libraries
- Installation and Setup
- Integrated Development Environments (IDEs) and Text Editors
- Python Language Basics, IPython, and Jupyter Notebooks
- Built-in Data Structures, Functions, and Files
- Numpy
- The NumPy ndarray: A Multidimensional Array Object
- Creating ndarrays

**Day 2:Numpy and Panda Series**

- Data Types for ndarrays
- Arithmetic with NumPy Arrays
- Basic Indexing and Slicing
- Boolean Indexing
- Fancy Indexing
- Transposing Arrays and Swapping Axes
- Universal Functions: Fast Element-Wise Array Function
- Array-Oriented Programming with Arrays
- Expressing Conditional Logic as Array Operations
- Mathematical and Statistical Methods
- Methods for Boolean
- Arrays Sorting
- Unique and Other Set Logic
- File Input and Output with Arrays
- Pandas
- Introduction to pandas Data Structures
- Series

**Day 3:Pandas Dataframe and Matplotlib**

- DataFrame
- Index Objects 134
- Essential Functionality
- Reindexing
- Dropping Entries from an Axis
- Indexing, Selection, and Filtering
- Integer Indexes
- Arithmetic and Data Alignment
- Function Application and Mapping
- Sorting and Ranking
- Axis Indexes with Duplicate Labels
- Summarizing and Computing Descriptive Statistics
- Correlation and Covariance
- Unique Values, Value Counts, and Membership
- Matplotlib
- Line Graphs
- Bar Charts and Analyzing Data from CSVs
- Pie Charts
- Stack Plots
- Histograms

The session was registered by 292 participants and attended by a total 177 participants and 4 Codecell members and 2 staff members.

### Session 3:API's using Django

The session was conducted on 22th April 2020 and 1st May 2020 . It was a 4 hours(ie. 2 days) online session. The speaker of the session was **Mr.Ashutosh Matai** from class D17A (Comp Dept),VESIT.He has interned twice with Konsultera Solutions Pvt. LtdGoregaon.He is placed in Netmonastery NSPL.He has conducted and organised several workshops for CSI and lead the design team for CSI website.

#### DAY 1:22nd April 2020

APIs using Django

1. Introduction to APIs
  - What are APIs
  - Types of APIs
  - More about APIs
2. Introduction to a blank Django project
  - Requirements
  - Creating and navigating a Django Project
3. Pure Django APIs
  - Updates App and Model

#### DAY 2:1st May 2020

- A JSON Response
  - HttpResponse with JSON data
  - JSON CBV
  - Serialize data
  - Managers and Methods
  - Dot Values Method
  - Practical API module
  - Use API with Python Requests
  - Handling errors
  - Http Status Codes
  - Validating data with a model form
  - Update and Delete with Validation of JSON
  - Single Endpoint
4. API endpoints and hitting them
    - Selecting correct API endpoints
    - Testing endpoints with Postman
    - Limitations of hitting an endpoint

The session was registered by 237 participants and attended by a total 72 participants and 4 Codecell members and 1 staff member.



Snapshots of the session

## Session 4: Getting Started with AI

The session was conducted on 25th April 2020 . It was a 5 hours online session. The speaker of the session was **Mr. Sujitkumar Singh and Ms.Tina Chandwani** (D12B),VESIT. Sujitkumar Singh is the Campus Lead for Jovian.ml and Scaler Achiever by InterviewBit. He is also the Senior Technical Officer at CSI VESIT and student coordinator at IIC VESIT. He has conducted various workshops and sessions on Python, Django, Laravel, Bootstrap, Image Processing and Advanced Python. His interest lies in Machine Learning and Computer Vision. whereas Tina Chandwani is the Senior Technical Officer at the CSI VESIT Chapter. She is also the campus lead of Scaler Achiever (InterviewBit). Her interests lie in Artificial Intelligence and Machine Learning. She has taken various workshops on Django, Python, Laravel, and Java. She is also a part of the CodeCell committee of the Computer Engineering Department and under that, she has organized workshops such as 'Kickstart with ML' for second-year engineering students.

Artificial intelligence (AI) refers to the simulation of human intelligence in machines that are programmed to think like humans and mimic their actions.

Artificial intelligence has been playing a significant role in managing financial transactions and also to handle numerous other activities in the bank. The day to day tasks of the banks such as transactional and financial operations, stock market money and their management, etc.

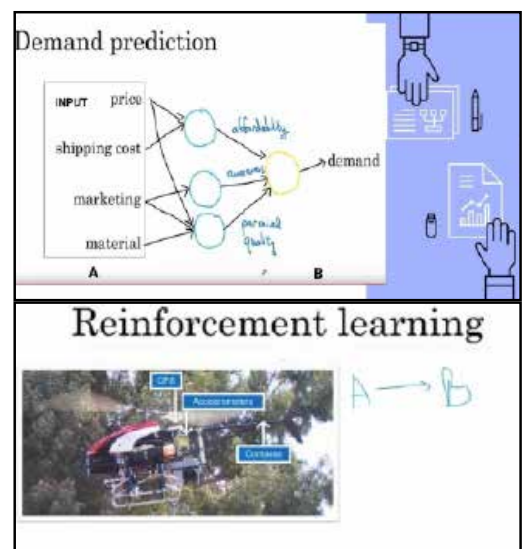
The session was covered in two parts as follows:

### 1.AI Front to Back

- Intro to AI and Machine Learning
- What is data?
- The terminology of AI
- What machine learning can and cannot do
- Workflow of a machine learning project
- How to choose an AI project
- Major AI application areas
- Discrimination / Bias in AI

### 2.Introduction to Machine Learning in Tensorflow

- A primer in machine learning
- The 'Hello World' of neural networks
- Working through 'Hello World' in TensorFlow and Python
- An Introduction to computer vision
- Writing code to load training data
- Coding a Computer Vision Neural Network
- Walk through a Notebook for computer vision
- Using Callbacks to control training
- What are convolutions and pooling?
- Implementing convolutional layers
- Improving the Fashion classifier with convolutions
- Walking through convolutions



Snapshots of the session

So the first part was explained by both the speakers whereas the second part was explained by Tina.

The session was registered by 263 participants and attended by a total 164 participants and 4 Codecell members and 3 staff members.

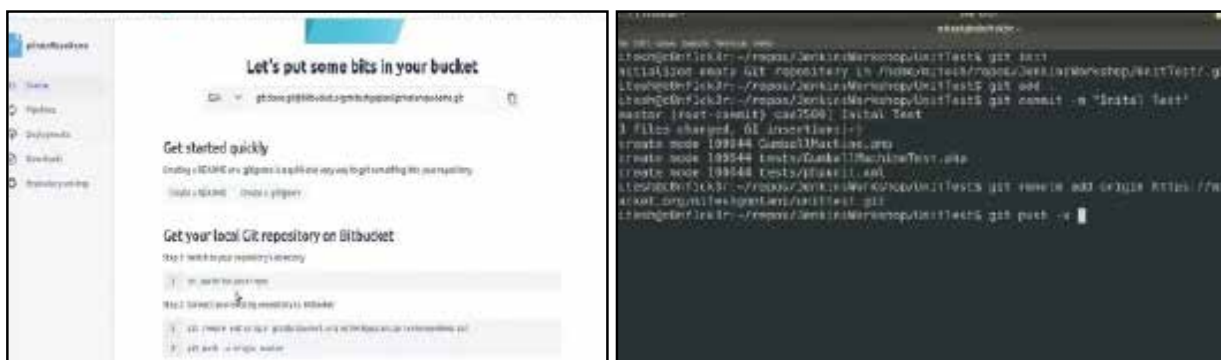
## Session 5: Introduction to Jenkins

The session was conducted on 26th April 2020. It was a 5 hours online session. The speaker of the session was **Mr.Mitesh Goplani and Mr.Sladyn Nunes** (D17B), VESIT. **Sladyn** is a Developer, Open Source Enthusiast, Problem Solver. He has an intense passion for problem solving ,he believes that you can't solve

a problem if you're not asking the right questions . This motivates him to build stuff that simplifies the above task. He is highly fascinated by decentralised applications and their applications to the blockchain network. Hoping to make a difference to its growing domain whereas **Mitesh** is inquisitive by nature and has a burning desire to explore various fields to help people benefit from technology. He is passionate about software development, computer-science, open source development and has a profound interest in Security (Red Team - Penetration Testing). He is an Offensive Security Certified Professional (OSCP) and has also completed OffSec's Advanced Web Attacks and Exploit Development (AWAE) Course and will be appearing for the OSWE exam soon. He has worked as an Embedded Systems Engineer at 1MartianWay and has been an integral part of the team providing Warehouse Management problems (Companies: ACC Cement, Mahindra Logistics). He has interned at BMC (Municipal Corporation of Greater Mumbai), 1MartianWay, VESIT Renaissance Cell, Computer Society of India as Web Application Developer. He is also the principal developer and maintainer of ionic based Med Student App (previously known as Health Savvy App). He has contributed to several industry based projects like Deep Blue (Mastek & Majesco), E-YRC (IITB). He has participated and won hackathons like Code for Good (J.P. Morgan Chase & Co.) , SIH'19 (Robert Bosch & Co.). He has also Published a paper titled 'Animate Object Detection and QGroundControl' at ICTCS'19 conference.

Jenkins is an extensible, open source continuous integration server. It builds and tests your software continuously and monitors the execution and status of remote jobs, making it easier for team members and users to regularly obtain the latest stable code. This session aims to get you introduced to the basics of Jenkins and how you can use it in your projects

The session was registered by 175 participants and attended by a total 83 participants and 4 Codecell members and 1 staff member.



Snapshots of the session

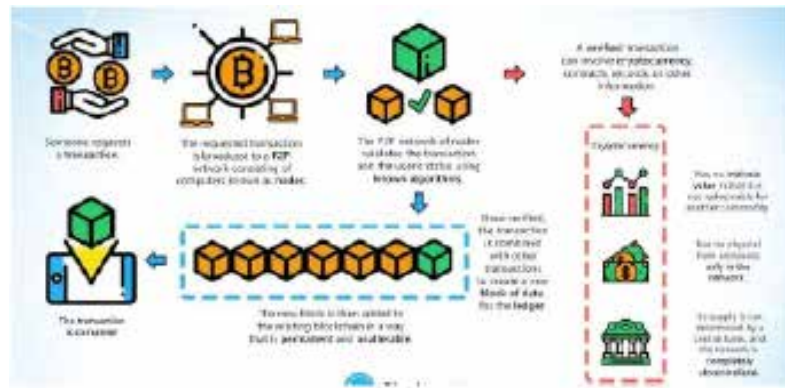
### Session 7: Blockchain

The session was conducted from 28th April 2020 to 30th April 2020 . It was a 13hours(ie. 3 days) online session. The speaker of the session was **Mr.Richard Joseph** Assistant Professor(Comp Dept),VESIT. He is a CodeCell Co ordinator.

The blockchain is an undeniably ingenious invention– the brainchild of a person or group of people known by the pseudonym, Satoshi Nakamoto. But since then, it has evolved into something greater, and the main question every single person is asking is: What is Blockchain? Is Blockchain Technology the New Internet?

By allowing digital information to be distributed but not copied, blockchain technology created the backbone of a new type of internet. Originally devised for the digital currency, Bitcoin blockchain, (Buy Bitcoin) the tech community has now found other potential uses for the technology.

In this guide, we are going to explain to you what blockchain technology is, and what its properties are what make it so unique. So, we hope you enjoy this, What Is a Blockchain Guide. And if you already know what blockchain is and want to become a blockchain developer please check out our in-depth blockchain tutorial and create your very first blockchain.



## Blockchain technology explained

A blockchain is, in the simplest of terms, a time-stamped series of immutable records of data that is managed by a cluster of computers not owned by any single entity. Each of these blocks of data (i.e. block) is secured and bound to each other using cryptographic principles (i.e. chain).

So, what is so special about it and why are we saying that it has industry-disrupting capabilities?

The blockchain network has no central authority — it is the very definition of a democratized system. Since it is a shared and immutable ledger, the information in it is open for anyone and everyone to see. Hence, anything that is built on the blockchain is by its very nature transparent and everyone involved is accountable for their actions.

On Day 3 we had a guest **Mr.Chintan Jethva**, Professor (EXTC Dept) VESIT who has experience in buying Bitcoins shared some glance of graph on CoinMarket App and explained how the money is bought and sell and told about cryptocurrency and Bitcoin wallet.

The session was registered by 243 participants and attended by a total 127 participants and 4 Codecell members and 5 staff members.

### Snapshots of the session:



## KOTILIN WORKSHOP

### Mobile App Development using Kotlin

Summary: A free Mobile App development using Kotlin virtual workshop was conducted by the Department of Computer Engineering, VESIT in Association with IQAC and IIC on 7th and 8th August 2020. It consisted of a brief seminar on Kotlin followed by a hands-on workshop in which students developed an application which stored and retrieved user data locally. The workshop was conducted by Mr. Siddhesh Patil.

### Speaker Details:

- At Paytm he is involved in multiple business verticals like entertainment ticketing, news feed and core chat features.

- He has independently published over **12+ apps** on Playstore.
- He helps organize an official Jetbrains community 'Kotlin Mumbai'. He also serves as Google Community Lead in Mumbai for organizing tech events.
- He has partnered with **Samsung Mobile** to work on TouchWiz theme engine SDK launched with Galaxy S6/Note 5
- He has been honored and recognized for leading an engineering team to ship mobile learning software for top banks in India including **Axis Bank, ICICI Prudential and Yes Bank**.

Registrations:

More than 180 students from all the departments had registered for the event, out of which over 90 students had attended the event on both the days.

Department wise Registrations:

Organising Committee Members (Staff):

1. Dr. Mrs. Nupur Giri (H.O.D - Computer Department)
2. Prof. Mr. Richard Joseph

Organising Committee Members (Students):

- Sujitkumar Singh
- Tina Chandwani

### **INVINCIA Code for Change(Organised in collaboration with SoRT Council)**

CodeCell Tinker's from the Computer Department V.E.S.I.T. in collaboration with V.E.S.I.T. Student Council organized the Code for Change Hackathon. The objective of the 48 hours competition taking place from 17th to 19th November was to make students aware of the ongoing social and environmental problems in the country and aid the various organizations which are trying to tackle them by creating digital solutions and platforms for these Non - Governmental Organizations. The problem statements were provided by the NGOs which dealt with the cause the specific NGO was working towards.

Due to the ongoing COVID 19 pandemic the entire competition took place on Google Classrooms and Google Meets. Following is a list of the NGOs and the problem statements provided by them:

#### **Website for Human Team Foundation**

Beginning from their engagement with a small group of college students helping one who is struggling alone in this world, the Human Team Foundation effort has always been to address the deprivation and marginalization of communities and children. Over the years, health and child protection emerged as the major domains of their interventions, with a special focus on vulnerable children and their families. They want to improve their donation revenue by educating people through their website and newsletters and showing them their transparent procedure of amount transfer. They want to improve their social media outreach to improve their functionality and reach their highest potential.

#### **Problem Statement:**

The expectation of the NGO is to have a functioning website that would showcase their past works and align with their main aim. This would include their descriptions and a schedule of their future events. The website will be used by the organization to increase reach and provide potential donors with information. The website should be easily accessible and quick to understand. Participants are allowed to add any extra details and/or functions if they want to.

#### **Website for Freedom for You:**

Freedom For You is an NGO whose aim is to Empower, Educate, and Enhance Lives at the bottom of the pyramid and instill in them a sense of socio-economic freedom. Freedom4U conducts programs in 3 spheres viz., Awareness, Education, and Training in areas such as Health and Wellness, Safety and Security, Financial Inclusion, Socio-Economic empowerment programs with a focus on Sustainability and

Inclusiveness. The organization also promotes small scale businesses owned by marginalized people.

**Problem Statement:**

The expectation of the NGO is to have a functioning website that would showcase their past works and align with their main aim. This would include their descriptions and a schedule of their future events. The organization would be using the website to show to potential donors. The website should be easily accessible and quick to understand. Participants are allowed to add any extra details and/or functions if they want to.

Covid-19 Online Education Portal - Hope Everywhere

HOPE was founded in 2016 as a non-profit organization dedicated to supporting people to create positive change. They think the world would be a better place if a million people were practicing the skills of emotional intelligence and building safe space in their personal and professional lives. Their mission is to create a world where children should not only survive but thrive in their life. To build a movement of changemakers who will work closely with different stakeholders towards a thriving life for children and creating a safe space for them. They want to expand their user base to a more diverse community by using their newsletters and other social media.

**Problem Statement:**

Covid19 has affected the education sector to a really large extent, even though lectures are being conducted online and things are getting back on track, the worst hit are the underprivileged children who are now facing a lack of educational support more than ever.

HOPE Everywhere Organization has already created educational content in line with the NCERT syllabus in the video, ebooks, etc formats. They are looking for an online portal where they can share these video contents with other NGOs/Shelter Homes all over India by giving them their own credentials so that even their children can log in individually and access the contents easily.

They also expect to be able to track how the children are benefitting from our video resources and would like to have a direct connection with them to discuss their needs and help them if they face any problem  
Extract data (OCR) from Devanagari Text - Global Parli Foundation

Global Parli Foundation aims to improve rural India through a replicable model of Rural Rejuvenation. The model follows a three-phase procedure:

1. Changing the mindset of the people – replace hopelessness with motivation and action.
2. Make villages drought-proof by water harvesting and then transform lives by increasing social harmony and increasing incomes multiple times.
3. Take the business model and replicate, scale-up, and institutionalize with the help of policymakers.

Their mission is to improve farmer income and educate them with the help of the professionals in the field, bringing overall prosperity to the lives of the villages and fighting climate change by mass plantation of fruit trees.

**Problem Statement :**

Extract Data from Devanagari Text. The problem statement is to develop a tool, application, or script that can process the required input document in the form of a PDF or Image file and extract readable text from it. The 7/12 extract, traditionally called “Satbara Utara” (in the Marathi language), is an extract from the land register of any district, maintained by the revenue department of the government in the state of Maharashtra. It is a revenue document showcasing: Ownership. Occupancy, rights, liabilities, and other agricultural aspects pertaining to land, mainly the agricultural land, prepared for each respective village in which the property is located. However, Non agricultural land also has its own extract. Additionally, it is one of the basic documents of title that serves as evidence of ownership of the agricultural land it represents.

Currently, Global Parli collects the needful documents (7/12 called as “Saath Baara Utara”) from our farm-

ers which are originally in Marathi or Hindi depending upon the state of origin. We need to extract needful content from this document which is inherently in Marathi for Maharashtra. And for this purpose, we need an OCR reader from Devanagari text.

The input will be scanned hand-written documents in PDF format, and the task is to develop an application/script/tool to read the Devanagari text from the PDF and output the text. The output need NOT be converted to English. The output document will be in the inputted language only (Marathi/Hindi).

For input dataset, you need to generate the pdfs from the link provided. Go to the website, enter any survey no. and then enter your mobile number to verify and you can download the pdf. This pdf will be the input to the OCR. The output should be in the form of an excel sheet having the required details.

**DAY 1 - (17th November 2:00 PM - 3AM)**

The teams were given their first assignments at 2:00 PM. They were allocated their problem statements the day before. Following is the list of the registered participants and a detailed schedule of the assignments given to the students.

<b>Team No.</b>	<b>Team Name</b>
<b>Human Team Foundation</b>	
101.	Developers Trio
102.	Sparks
103.	Code stormers
104.	Web-builders
105.	The Captains
106.	Ttik Codes
107.	Team Hustle
108.	Blue
109.	CodeMonks
110.	WebBuilders
111.	CodeIt
112.	CodeOverflow
113.	Shubham Gupta
114.	Codeblack
<b>Freedom for You</b>	
201.	Nirmiti Sali
202.	tryCatch
203.	Ace
204.	DS Corps
205.	Masterminds
206.	IT_D15
207.	AIB HACKS
208.	The Gravity
209.	CodingDiva
210.	The Boys
211.	Boolean Autocrats
212.	Cookie Army
213.	Champion
<b>Hope Everywhere</b>	
301.	It's_Known

302.	Code buddy
303.	Runtime Terror
304.	Cyber Trinity
305.	Techieez
306.	Codeplay
307.	Peaky blinders
308.	BinaryHeap
309.	Error 99
310.	Zephyrus G
311.	Code Ignitors
312.	BIT FLIP
313.	Angels
314.	Team Debug
<b>Global Parli Foundation</b>	
401.	X Æ A-3
402.	Code knights
403.	Coders Triquetra
404.	Front End Coders Team
405.	MachiCode
406.	WebDev
407.	Not_Imposter
408.	NameTerror
409.	Amar ke Amigos

<b>DAY 1</b>			
Sr. No.	Assignment	Problem Statement	Time
1. 2.	Abstract & Use Case	Covid Portal	7 PM on 17th
	Abstract & Site Map	2 Websites	7 PM on 17th
	Abstract & Concept Diagram	OCR	7 PM on 17th
	Prototype Submission	All	11:59 PM on 17th

**DAY 2 (18th November ALL DAY)**

The second had the next few assignments given to the teams which included snapshots of their partially completed prototypes and any other work based on which finalists were decided.

Following is a detailed list of finalists in every problem statement and the assignments given to them.

<b>DAY 2</b>			
1.	Snapshots	All	11 AM on 18th
2.	Database Design	Covid	1 PM on 18th
3.	Preliminary Review	All Problem Statements	2 PM on 18th
4.	Announcement of Finalists	NA	7 PM on 18th

<b>Human Team Foundation</b>	
<b>Team No</b>	<b>Team Name</b>
103	Code stormers
104	Web-builders
105	The Captains
112	CodeOverflow
<b>Freedom for You Foundation</b>	
<b>Team No</b>	<b>Team Name</b>
202	tryCatch
203	Ace
204	DS Corps
206	IT_D15
<b>Hope Everywhere</b>	
<b>Team No</b>	<b>Team Name</b>
304	Cyber Trinity
305	Techieez
307	Peaky blinders
310	Zephyrus G
315	The Tag Ends
<b>Global Parli Foundation</b>	
401.	X Æ A-3
406.	WebDev

### **DAY 3 (19th November 2:00 PM - 5PM)**

The last day of the Hackathon was the final review of team from an experienced panel of judges consisting of Mrs. Sharmila Sengupta, Mrs. Priya RL. and Mr. Sunny Nahar. Along with these reviewers from VESIT every NGO had one of their representatives as a judge in the panel to review the functionality of the solution. The NGOs were represented by Mr. Harsh Vitra (Global Parli Foundation), Mr. Ashutosh Yadav (Hope Everywhere), Dr. Ravi Kumar (Freedom for You), Mrs. Kshipra Singh - (Human Team foundation). After the review the judges scores were tabulated and the finalists were declared.

Following is the list of winners:

<b>HUMAN TEAM FOUNDATION</b>				
<b>Team No</b>	<b>Team Name</b>	<b>Team Leader</b>	<b>Team Member 1</b>	<b>Team Member 2</b>
103	Code stormers	Fayzaan Qureshi	Sapna Patwa	Pooja Prasad

<b>FREEDOM FOR YOU</b>				
<b>Team No</b>	<b>Team Name</b>	<b>Team Leader</b>	<b>Team Member 1</b>	<b>Team Member 2</b>
204	Ds Corps	Mcvean Soans	----	----
202	tryCatch	Rashmi Singh	Asmita	<b>Dhruvisha Mondhe</b>

HOPE EVERYWHERE - COVID 19 EDUCATION PORTAL				
Team No	Team Name	Team Leader	Team Member 1	Team Member 2
307	Peaky Blinders	Yashvi Hiranandani	Siddarth Bugtani	Vishwesh Jagtap

GLOBAL PARLI ORGANIZATION				
Team No	Team Name	Team Leader	Team Member 1	Team Member 2
401	X Æ A-3	Jay Jhaveri	Prem Chhabria	Abhay Gupta

It is also noteworthy to mention that the teams were provided with a helpline meeting which had at least one Student Council member or CodeCell member at all times to help the teams with any problems they may face. All the winners of the Hackathon were given a chance to work with their respective NGOs and intern for them in bringing their problem statement solution to fruition.

### Final Day Reviewers

- Mrs. Sharmila Sengupta - Computer Department
- Mrs. Rohini Temkar - MCA Department
- Mr. Sunny Nahar - MCA Department
- Mrs. Priya R.L. - Computer Department
- Mr. Harsh Vitra - Global Parli Foundation
- Mr. Ashutosh Yadav - Hope Everywhere
- Dr. Ravi Kumar - Freedom for You
- Mrs. Kshipra Singh - Human Team foundation

### CodeCell Committee Members (Staff)

- Dr. Mrs. Nupur Giri (H.O.D - Computer Department)
- Prof.Mr Prashant Kanade
- Prof.Mr.Richard Joseph

### CodeCell Committee Members (Students)

- Ajay Khalsa
- Amit Chhabria
- Jay Dulera
- Arnav Bagchi
- Rohan Ghosalkar

### Student Council Members

- Dimple Nachnani
- Rakshita Danee
- Gunjan Sureka
- Manasvi Patwa
- Madhura Padge
- Sahil Deshmukh
- Akshay Jain
- Rashmi Manwani
- Tanish Sahijwani



Snapshot of Code for Change

## Hacktoberfest Workshop Series

In celebration of **Hacktoberfest** various sessions were organized in the Month of October to spread awareness about **open-source contribution** by guiding students through engaging and interactive sessions. Through these 2-to-3-hour sessions students were provided with invaluable knowledge of how they could contribute to the open-source community. We tried to clear the doubts of all students by creating a two-way rapport with them.

Since the college was closed due to the Covid-19 Pandemic, all sessions were taken online using **Google Meets**. The following seminars were conducted in the month of October

- Getting Started with Open Source and GitHub Workshop
- GSOC Talk Introduction to DevOps and Jenkins
- Fundamentals of Linux

All sessions were sponsored by **GitHub** and **Hacktoberfest**. The college became a Hacktoberfest chapter in 2020 itself. This allowed students to enroll themselves in the chapter and make use of various benefits. Each session was conducted over the weekends ensuring that no lectures clashed with the events. Some sessions were open only to the Computer Department whereas others were open to all departments. Following is a detailed report of all the events.

### Getting Started with Open Source and GitHub Workshop

The first session was a workshop taken on 3rd October Saturday between 4:00 PM to 6:00 PM. The aim of the seminar was to inform the students about Open-Sources and the commencement of Hacktoberfest 2020. Along with this the students were also given a detailed go through of GitHub GUI and the basics of Git. The session was open to all departments. The speakers for the session were Jay Dulera and Rohan Ghosalkar (both CodeCell Members). Jay covered open source and Hacktoberfest along with providing the students with a detailed collection of repositories students can contribute to, whereas Rohan taught the basic workings of GitHub and the appropriate procedure to make pull requests on various repositories.

The workshop began at about 4:10 PM with around 91 participants where Jay introduced Open Source and how it is one of the most useful tools available for students who want to learn coding. This was followed by the functionality of GitHub and how it came to be which was taken by Rohan. Students were shown how to initialize repositories, how to make Pull Requests, how to fork repositories and also how to use GitHub desktop. This was followed by Jay who introduced students to Hacktoberfest and the rules and regulations of the competition. The end of the session saw a small online quiz on Kahoot and finally the meeting came to end at 6:00 PM.

### GSOC Talk

This was the 2nd session in the series of hacktoberfest events. This session dealt with the in depth knowledge about the GSOC (google summer of code) and its timeline, in which we were explained about how to create a proposal and how to choose a particular organization which suits our interest. These points were covered by Mr. Sladyn Nunes, Mr. Manas Mangaonkar and Mr. Vedant Wakalkar. These students worked for Jenkins, Fedora & CRIU and CDLI respectively.



The poster for Getting Started with Open Source and GitHub Workshop

The session started at 12:00 PM on 4th October with the speaker's first introducing themselves and then talking about GSOC extensively. Furthermore, they spoke about their own personal experiences while they were in the programme and the incentives of participating in such lucrative competitions.

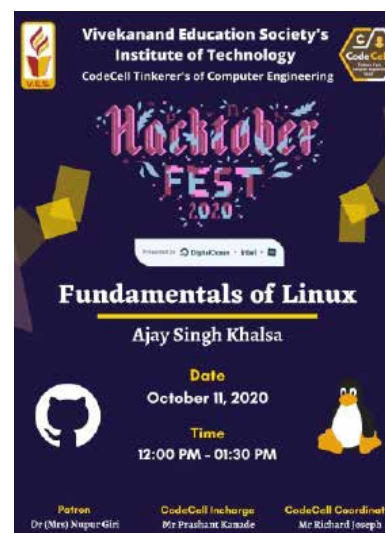
### Introduction to DevOps and Jenkins

The third session of Hacktoberfest was on the up-and-coming field of DevOps and Jenkins. This took place on 10th of October 2020 at 2 PM. The speaker for this session was CodeCell member Mr. Amit Chhabria. The seminar dealt with introducing the students to the basic concepts and nitty gritty of Development Operations and how Jenkins is having a huge impact on the world. Alumni Mr. Sladyn Nunes was the guest speaker and joined in the end for a Q&A session and helped clear all the queries of the audience.

### Fundamentals of Linux

The final session was conducted on 11th of October on the topic of Fundamentals of Linux operating system. The speaker for this session was Mr. Ajay Singh Khalsa. The session covered one of the biggest flagships of open-source software i.e., Linux. The viewers were shown how the O.S. can be used effectively especially by students. Along with these various other functionalities of the software were talked about in the session.

After the session was over a short quiz on Kahoot to test students' understanding was conducted and the audience also participated in a Q&A session with the speaker to clear various doubts. Finally, as the session ended the participants were asked to contribute to Open Source and implement the many things shown in the seminars.



**The posters for GSoc Talk Seminar, Introduction to Devops and Jenkins, Fundamentals of Linux seminar events of Hacktober Fest**

### CodeCell Committee Members (Staff):

- Dr. Mrs. Nupur Giri (H.O.D - Computer Department)
- Prof. Mr Prashant Kanade
- Prof. Mr. Richard Joseph

### CodeCell Committee Members (Students):

- |                    |                     |                    |
|--------------------|---------------------|--------------------|
| • Naren Khatwani   | • Jay Dulera        | • Rutuja Patil     |
| • Sahil Rajpal     | • Ajay Singh Khalsa | • Hritika Singh    |
| • Manas Mangaonkar | • Rohan Ghosalkar   | • Rakshit Deshmukh |
| • Arnav Bagchi     | • Hritwik Ekade     |                    |
| • Amit Chhabria    | • Tejas Mahajan     |                    |

# Instrumentation Tinkerer's Lab

**Staff in-charge:** Prof. N. Gopalkrishnan

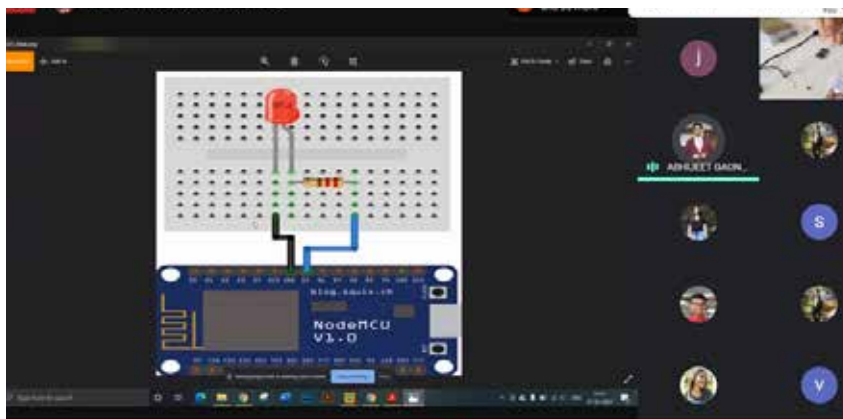
## IoT Mains Workshop

Tinkerer's Lab in collaboration with ISA-VESIT successfully launched its first IoT kit on 9th February 2021. After an overwhelming response to its initiative and to help its members get started with working on hardware kits and projects, ISA-VESIT conducted a **two-day workshop in collaboration with Tinkerers Lab "IoT Workshop - MAINS"** on the 27th and 28th of February, 2021. The workshop was conducted by Mr. Sahil Shewale (Student member), Mr. Raj Talashilkar (Student member), Mr. Abhijeet Gaonkar (Student member) and Mr. Amogh Sadhu (Student member).

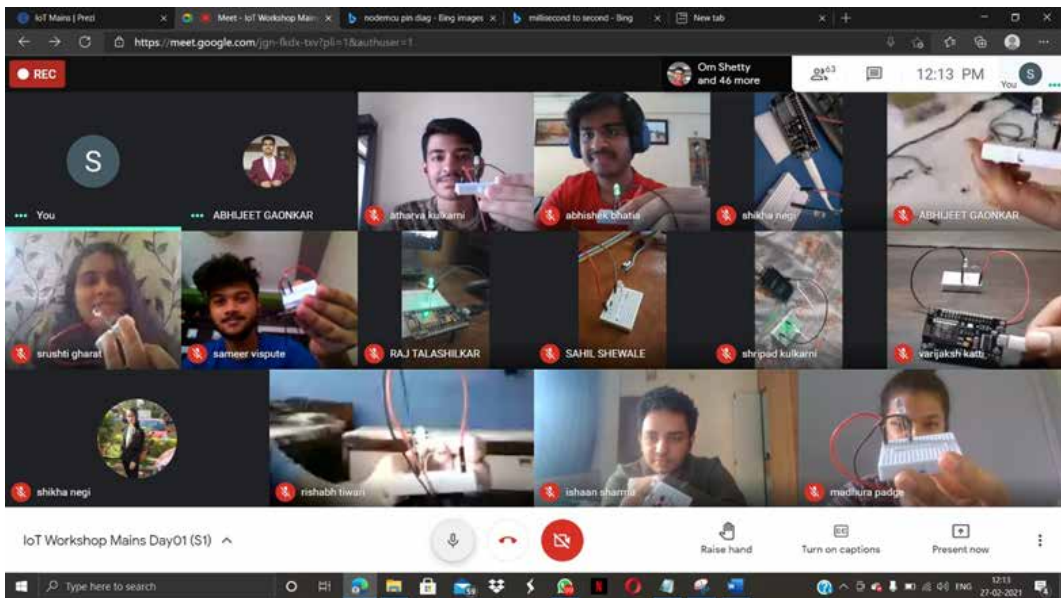
The first day of the workshop started with a detailed description of the components provided in the kits and a brief introduction about the 'Internet of Things'. A separate detailed explanation about the NodeMCU board was also a part of the first session which was very beneficial and registered a positive response from the attendees. After the enlightening theory session, we commenced with a basic 'LED blinking' project. Similarly, one more project based on components in the Generic kit was conducted and finally, the attendees were given a challenge to test the knowledge they had gained which made them excited and also gained a shoutout on ISA-VESIT's Instagram account.

After the immense response received on the first day, the second day started with talking about the plethora of opportunities that the Internet of Things brings with itself. It was continued with an explanation of the concepts related to the components in the Premium kit, the importance of datasheets, and why it is a good habit to refer to the datasheet of the components. The participants were guided through several projects on the second day as well.

The workshop concluded by giving the attendees various ideas on how they can implement the knowledge received from the workshop to create their very own project. Everyone had a very productive weekend. Altogether it was a completely riveting and edifying workshop.



Abhijeet Gaonkar (D13) conducting Day 1 of the IoT Workshop



**Participants showing off their boards in the IoT workshop**

*"Education is what remains after one has forgotten everything he learned in school."*

–Albert Einstein

# Society Reports



# Computer Society of India



**Staff in-charge:** Mrs. Mona Deshmukh  
Mrs. Charusheela Nehete

**Student in-charges:**  
Jatin Bhagchandani (Chairperson)  
Apoorva Sudheesh (Sr. Secretary)  
Yash Diwan (Sr. Treasurer)  
Fayzaan Qureshi (Co-Chairperson)  
Saurav Telge (Operations Secretary)  
Shreya Shah (Managing Secretary)  
Saloni Ingle (Jr. Treasurer)  
Pooja Prasad (Public Relations Head)

The CSI-VESIT council is an amalgamation who work collectively to create and host events which are enthralling as well as beneficial to the students of our college. This includes a plethora of technical events and educational workshops. The council works on improving the quality of interaction with each one of its society members. It strives to spread more and more knowledge with respect to the field of computers.



CSI's BE, TE and SE Councils

## DJANGO WORKSHOP

CSI-VESIT conducted a Django workshop which was co-sponsored by Jovian.ml. The event was held on 27th February, 2020, 2:45 pm onwards in lab number 307 and 308. The entire workshop was conducted by Sujitkumar Singh (D12B) & Tina Chandwani (D12B) and supervised by the rest of the council.

Over 40 participants had attended the workshop.

The objective of the workshop was to give a hands-on experience to the students about the usage of Django and to make students know what is being used in the industry.

The workshop was a hands-on session on the framework of Python Django for building some interactive websites and integrating a database with it.

### Topics Covered:

- Basic installation
- Project setup
- Virtual environment
- Migrations
- Views and URL setups
- Database Model
- Admin page
- Static and media

Students got an idea about Django so as to help them dive deeper into the framework. And to inspire the attendees, the sponsor Jovian.ml provided some goodies to all the attendees.



**Sr. Web Editor Sujitkumar Singh (D12B) giving a hands on experience about Django to the students in an interactive session during the workshop**

## CRICOMANIA

CSI-VESIT conducted its mega-event of the year, 'Cricomania' for its members which offered an enthralling cricket-rich experience. The event was held from 27th February to 3rd March in Amphitheatre of our college.

As the name suggests, Cricomania was curated for SEs, TEs, BEs and MCA students, to provide them with a fun and exciting experience on the theme of Cricket. The event was held in three rounds. The first round was a paper elimination round wherein participants were quizzed over general questions related to cricket. Following the paper eliminations, teams were shortlisted over video eliminations.

The next round was the 'Sponsorship Round' where participants were challenged on a bunch of mini-games based on cricket, which assisted participating teams in gaining budget for the Auction. The final round of the event, 'Auction', offered teams different pools from different categories of players like; batsmen, bowlers, wicketkeepers, all rounders and Legends. Team Eliminations were scheduled at regular intervals. After hours of highly competitive play, the winners were decided on the sum total of credit points of each player in their Dream 11 team.

The event garnered great interest and participation from the members, which made the event a huge success for CSI. The event was not only well-formatted but also thrilling for the participants. CSI received many great feedbacks and positive responses from the participants.

**The victorious ones are :**

SE and MCA:

Preet Jain and team (D6A)

Krish Amesur and team (D7A)

TE and BE:

Kunal Bhor and team (D11B)

Jiten Tolani and team (D20)



**Cricomania event held in the college amphitheatre**



**Cricomania participants engaging in the event**

## **MACHINE LEARNING WORKSHOP**

The Machine Learning Workshop was conducted as a CSI-IEEE VESIT collaboration from 4th to 7th March in the smart classroom on the 3rd floor. It was held after 2:45 p.m.

The first day of the workshop started with the basics of ML and its applications in our day to day life. It covered:

- Introduction to Machine Learning and its types
- Datasets, introduction to prediction models, classification models and clustering models.
- Regression learning (covered with the classic housing price prediction problem) with gradient descent optimization, coding, training, and testing were done on Kaggle kernels from attendees.

The second day continued as members were acquainted with the basics. The session covered the topics:

- Unsupervised learning theory
- Clustering example and its theory
- Neural networks
- Choice of the proper algorithm, filtering columns in a dataset.



**Stevert Lobo (D17B) engaging with students during the machine learning workshop**



**Communal sessions of the ML workshop**

In the third session, students were familiarised with all concepts taught in the first two sessions and were ready for the implementation. The following concepts were explained:

- CNN Theory
- Optimiser, Loss and Implementation of Machine Learning

At the end of day 3, all members were content enough with whatever they had learnt in the three-day workshop as nowadays it has become important that systems learn from data and make decisions with minimal human intervention.

Positive feedbacks were received from the members during the course of the workshop as all their doubts were being cleared from time to time and at the end of the day, several students quoted that they took home with them a piece of knowledge helping them to pave their way into the future of science and technology.

### **ODE TO CODE**

CSI-VESIT in collaboration with ISTE-VESIT organized a Prototype designing competition, ODE TO CODE. It had a participation of a total 20 teams consisting of 3 members each. It was a 2-day event where participants had to complete the different tasks assigned to them within a given period of time.

The tasks given to the students were:

- UI modelling
- ER diagrams
- Database management
- Video uploading.

The problem statement, College Election Management System, was released on 23rd February 2020. As soon as it was released, participants began developing ideal websites with their preferred technology stack and whatever method suited best for their website. After completing all the tasks successfully, the codes had to be submitted by 8 am the next day. Only seven teams made it to the presentation round after the submission.

In the final round held on 24th February 2020 at 12:30 pm in the smart classroom on the 5th floor, the projects were scrutinized and reviewed carefully by Mrs. Mannat Doulatani and Mrs. Pooja Shetty.

**The winners are as follows:**

SE:

- 1)Ninad Parab (MCA 1M)
- 2)Pooja Koshti (D7A) and Arya Paryani (D7A).

TE:

- 1)Devansh Ahuja(D12A) and team

The event garnered a great positive response from the participants' side and was more than happy to have the experience to build a website by collaborating with their teams.



**Judge Mrs Pooja Nagdev analysing the submissions**



**A glance of the Ode to Code event**

## ARTICLE WRITING

During the lockdown period, CSI staged its event Article writing. The expected idea behind the event for all the columnists in the college was to collate their innovative thoughts, showcase their phenomenal writing skills sitting in the comfort of their home this quarantine and pen them down in the form of Article Writing.

The theme given was 'Recent Developments in Space Research'. The entries were received online and were reviewed precisely by the judge, Atharva Gupte (D19A), given his great experience in this field, he helped us scrutinize all the articles and also provided valuable feedback.

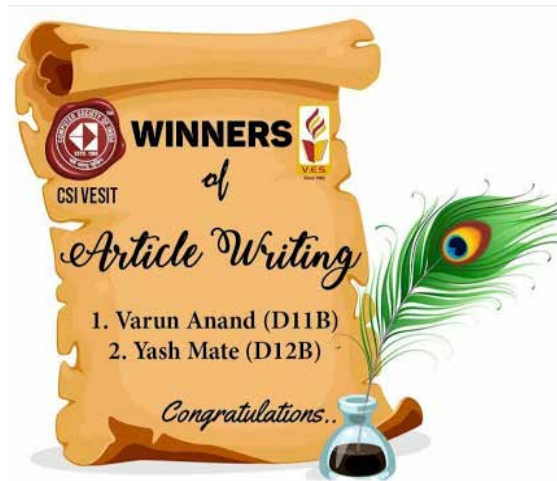
The winning articles were published in our Annual Magazine 'Redux'.

### The winners of the event were:

Varun Anand (D11B)

Yash Mate (D12B)

It was delightful to see huge participation from the members as they wrote amazing articles utilizing their time at home in quarantine.



Winners of Article Writing

## TECHNICAL PAPER PRESENTATION

CSI-VESIT organized Technical Paper Presentation during the quarantine. A perfect platform was raised for the students to present their vision, authentic ideas and put their technically competent minds to the test.

Five topics on modern day development were given to the members and were made to write technical papers on them. Moreover, they were supposed to present a Voice Over PowerPoint presentation on these topics. All the submissions were done online and were reviewed accordingly.

The Society received a huge response and participation from the students and it was evident from this event that our members were making the best use of their time in quarantine. All the papers were reviewed and checked by the council and on 16th April, 2020 the results were announced to the students.

### The ones who emerged victorious are :

Archana Bhatia (D12A) and team

Shiva Ahir (D19B) and team

The great success of this event was that students were given an ample amount of time to present their work from the comfort of their homes and were able to communicate with their team without any social interactions.



Winners of Technical Paer Presentation

## IQUARANTEEN

CSI-VESIT conducted a Django workshop which was co-sponsored by Jovian.ml. The event was held on The name itself was a play on the words IQ(hinting towards the kind of event it was), Quarantine(as it was conducted during the global pandemic shutdown) and Teenage(referring towards the target audience). It was conducted by the S.E. Council in place of the S.E. Cord event that takes place every year.

It took place on 25th and 26th May, 2020 from 2 p.m. onwards. It was entirely conducted on the CSI-VESIT Instagram handle, where the event rules and questions were put up each hour. It consisted of nine rounds, 5 of which were conducted on the first day and 4 on the second day.

Each round was 45 mins long. The 9 rounds were:

1. Meme Challenge: Player had to guess the punchline of the meme that was put up. Each correct answer awarded the player a point.
2. Hidden Cipher: 5 Ambigrams were put up and players had to recognize the word. Each correct answer awarded 2 points.
3. Songs Task: The player had to take a photo with the first object that was mentioned in the song.
4. Technical Quiz: The technical knowledge of the players was put to test. Ranging from coding knowledge to technical general knowledge.
5. Word Search Puzzle: There were 14 words to be found. Each word awarded  $\frac{1}{2}$  a point and 3 extra points to comment on the post of the hidden event(conducted by CSI throughout the year).
6. Current Affairs Quiz: To check if players were keeping up with the current affairs while being surrounded by despairing news all around. 10 questions were asked, each correct answer awarded a point.
7. Three Questions: Players were given three questions. The first 3 letters of the answers formed a word.
8. Rearrange the program: Simple code written in C language had to be rearranged to be correctly executed.
9. Video Timestamps: They had to find the answer to the question asked, in the video links provided to them and reply with the timestamp of the answer mentioned.
10. The final challenge was to form a complete image with the bits of piece shared throughout the entire event.

Up to 66 players participated in the event from all the years. The event was a huge success. As they awaited their names on the scoreboard at the end of each round. The uniqueness of each round and the efforts put in by the council really shined through. The event was so well received that positive feedback was received unprompted. Overall the event was a hit and huge lengths of planning and outstanding execution was appreciated by all.

### **Winners:**

B.E.:Vishaka Vidhani and Rishikesh Kadam

T.E.:Varad Kshemkalyani and Heer Kukreja

S.E.:Khushi Zavar

F.E: Riya Shukla and Sonali Bodhwani

## NATIONAL LEVEL FDP

As the world faced unseen challenges and increasing uncertainties due to the global pandemic, Vivekanand Education Society's Institute of Technology(VESIT), 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. It was extremely successful and another feather added to our cap.

## JAVA APPIFY

CSI-VESIT organised its JavaAppify workshop which was the first event conducted by the council of 2020-21. The workshop was conducted in three days on 4th, 5th and 6th December 2020. It came just in time during the practical examinations of SE's and proved to be very essential for its preparation. As a result, the workshop was open to members as well as non-members to attend. The principal benefit of the workshop was that it also included an Android App Development workshop on the 3rd Day. It was conducted by the Sr Technical officers and Sr. Web Editors.

All the basic and advanced Java concepts, along with its Object-Oriented features were covered on the first and second day. The third day of the workshop was Android App Development training. All the topics were practically implemented, which made the concepts clear to the audience. There were different meet slots for different department students with hands-on doubt clearance.

The workshop covered the following things:

### DAY 1 :

1. Basics(Introduction, variables, operators, conditional statements,loops)
2. String, arrays, vectors
3. OOPM classes, constructors, objects, static, this keyword
4. Inheritance
5. Polymorphism
6. Abstract Classes
7. Encapsulation

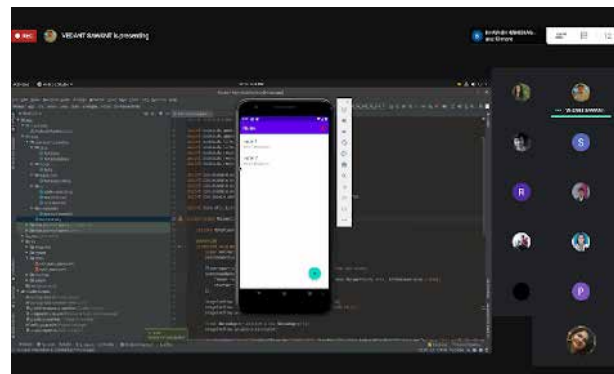
### DAY 2 :

1. Exception Handling
2. User-defined Exceptions
3. Multi-threading
4. Recursion, Vectors, and Applets

### DAY 3:

1. Android OS Introduction
2. Android Studio Introduction & Basics
3. XML
4. Java, Activities & Intents
5. Room Library
6. Notepad App using Java and Room

It was attended by more than 100 participants from different branches and hence, proved to be a great success as the participants learned to build robust applications using Java's object-oriented features and libraries. Dishant Lohana (D15), one of the attendees said, "Come with more seminars just like Java Appify". Hence, the workshop was highly appreciated by everyone.



**Screenshot of the process of Android App Development in Android Studio.**

## GITHUB WORKSHOP

CSI-VESIT conducted an online workshop on the 30th January, 2021 on Google Meet platform from 11 am to 1 pm. It emphasized to impart technical and practical knowledge about GitHub and its importance. This workshop aimed to catechize everybody with developing a complete repository, readme file and also hosting web pages through GitHub for free. The workshop was conducted in three sessions on the same day:



Screenshot of Github Workshop.

### 1. Introduction to Version Control using GitHub.

This session was conducted by Swarangi(D12C). She explained how to set up a repository on GitHub, how to add new files, edit files and view commits, and history. Working with branches, Merging branches and Submitting Pull requests. It was quite easy to explain GitHub first and then move on to Git and then back again how to connect both.

### 2. Introduction to Open Source, Linux and CLI, Intro to Git and Connecting with GitHub

Mcvean Soans(D9A) continued the short session on what open source is, hands on introduction to some of the basic Linux commands and how to use the terminal effectively. Also explained step-by-step how to create a repository, adding a readme file, adding the codes and commands to edit the same.

### 3. Exploring GitHub

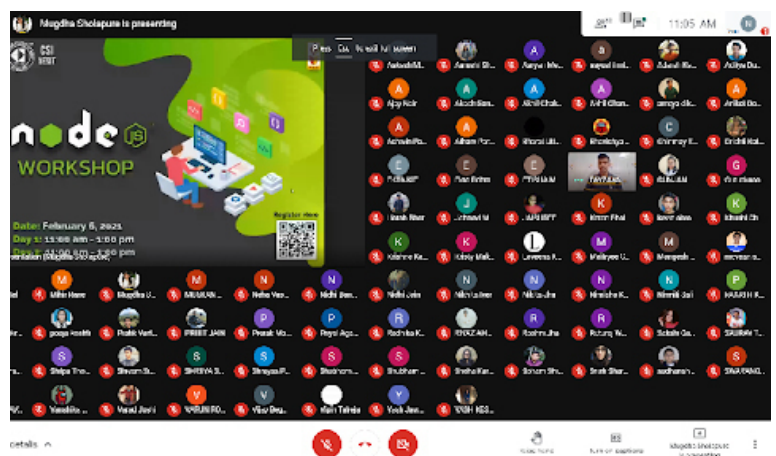
Vedant Sawant(D12B) gave hands-on training on using git on a local machine, setting up repositories locally and pushing it to GitHub, hosting webpages using GitHub, contributing to other's projects and best practices.

The workshop was a success in all aspects and was attended by more than 100 attendees who were remarkably active throughout the session. Attendees were provided with cheat sheets and necessary tools after the session came to an end.

The workshop ended on a high note and received positive feedback with students being able to work with GitHub conveniently.

## NODE JS WORKSHOP

CSI-VESIT organised its NodeJS workshop on 6th and 7th February, 2020 from 11 am to 1 pm. The workshop was conducted on-line on Google Meet platform. The main motive of the workshop was to acquaint students with various concepts of frontend and backend development used for building web applications and softwares.



Screenshot of the Node Js workshop.

The workshop was conducted in two sessions, the first on 6th February where the basics of JavaScript were introduced to the students which they will eventually be applying into NodeJS. The first day session was taken by Pooja Koshti (D12A), Etisha

Mathurvaishya (D12C) and Pratik Vartak (D10B) where they explained about:

- Data types
- Functions and operators
- Displaying an output on web pages using JS
- Conditional statements, Error handling and JSON files
- BOM, DOM, Drum Kit Application Site

On the second day, the workshop continued with an aim to make use of NodeJS as a platform to build server-side applications as the students had already been taught about JavaScript and how to use it as a programming language. The second session was picked up by Mcvean Soans (D9A) and Aishwarya Sahu (D17A) who covered the topics on:

- Basics of NodeJS and NPM.
- Networking essentials
- Express.js
- Sample web application (ToDo List)

All the doubts asked by the students were cleared subsequently by our Technical team during the sessions. Both the sessions were attended by more than 100 students and at the end of Day 2, the workshop ended on a high note with all the students having a proper insight of the basics of NodeJS and its implementation for building web apps.

A positive feedback was received from the student's side as everyone was content enough by the smooth conduction of the workshop. Our team at CSI-VESIT was more than happy to enlighten the students with constructive concepts in their already tech oriented minds!

## UPCOMING EVENTS

### HIDDEN CIPHER

One of the most anticipated events of CSI-VESIT, where members participate as teams and answer questions based on logical reasoning and puzzles and are made to guess or think the answers based on clues and hints given in the questions. Consists of two rounds namely - the initial round which is similar to an elimination round followed by the final round where the winners are decided.

### PHP LARAVEL WORKSHOP

This workshop is conducted for acquainting students with the knowledge of creating a web application in a very simple manner without much complications. Topics on Basics of laravel, PHP Frameworks are also covered. Members are taught to strengthen the security and speedup database migration without data loss. A very productive workshop for all our students who are into building websites.

### BOOTSTRAP WORKSHOP

The bootstrap workshop conducted by CSI-VESIT primarily focuses on teaching our students about front-end web development and how building a website can be made so easier using Bootstrap. Topics on creating software projects in a short time, developing responsive and mobile compatible websites are also covered. Basically, our main motive is to guide the students to build a software or web application using very less efforts.



**Screenshot of Drum kit application using JavaScript.**

# Institute of Electrical & Electronics Engineers



**Staff in-charge:** Mrs. Kavita Tewari, Head, Dept of Electronics  
Dr. Gresha Bhatia, Deputy Head, Dept of Computer

**Student in-charges:** Tanishqa Shetty (Chairperson),  
Phalguni Shendye (Vice-Chairperson)

The Institute of Electrical and Electronics Engineers is the world's largest technical professional organization dedicated to advancing technology for the benefit of humanity. IEEE and its members inspire a global community to innovate for a better tomorrow through its more than 419, 000 members in over 160 countries, and its highly cited publications, conferences, and technological standards in the field of electronics and telecommunications engineering, computer engineering, computer science and information technology.



## IEEE Council

## GAME DEVELOPMENT WORKSHOP

IEEE-VESIT conducted a game development workshop on 28th and 29th February 2020. It was based on creating Virtual Reality (VR) games using the Unity Gaming Engine. The topics covered were: introduction to Unity, the commands and different constituents of it, working of the software, how objects interact with each other in Unity and the setting to build a VR app. This workshop empowered students to create VR games as a part of their projects.



**Game development workshop in process**



**Shapes being designed as a part of game development basics**

## MACHINE LEARNING WORKSHOP

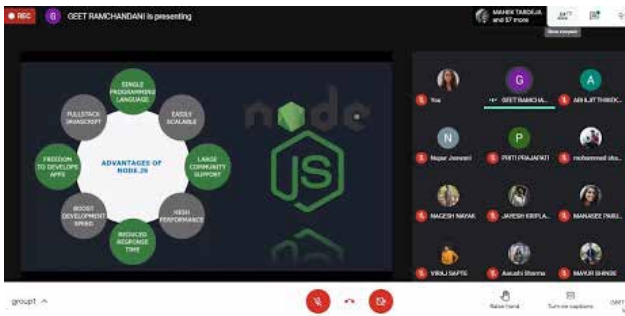
Machine Learning is one of the most trending topics in the field of technology. It is a sub-domain of Artificial Intelligence with its applications ranging from predicting stock prices, detecting fake news from social media, spam email classification to cancer detection, sentiment analysis, iris detection and many more. IEEE-VESIT in collaboration with CSI-VESIT conducted a workshop on Machine Learning on 4th, 6th and 7th March 2020, thus, providing a platform for the students to learn this domain.



**Participants getting a hands-on experience with Machine Learning**

## NODE.JS WORKSHOP

The Node.js workshop was conducted on 22nd November 2020. This project-oriented one day workshop covered the basic concepts of Node.js, Socket.io, and Express.js followed by a quiz to further enhance their learning experience. The participants used HTML and CSS to add aesthetic value to the front-end of the Chatting Application. Using Node.js, Socket.io, and Express.js, the participants completed the crucial back-end of the Chatting Application. The workshop was conducted successfully with the participants getting a hands-on coding experience.



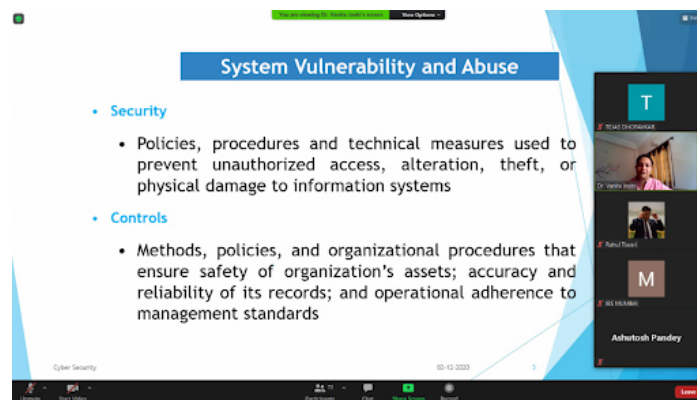
**Participants being explained the basics of Node.js**



**A chatting application being designed as a part of the Node.js workshop**

## CYBER-SECURITY WEBINAR

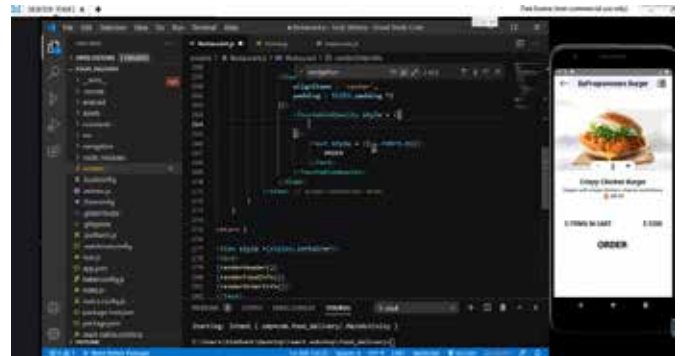
IEEE-VESIT, in collaboration with ICAI Business School, conducted a webinar on Cyber-Security on 2nd December 2020. Dr. Vanita Joshi, faculty at ICAI Business school, started the webinar by interacting with the participants, asking them about their understanding of Cyber Security. This was followed by an explanation about different types of malware and system vulnerabilities caused by snooping, intrusions, and cyber vandalism. She further explained about crimes such as identity theft, phishing, click fraud, and cyber-terrorism. Loss of revenue, lowered market value, legal liability, and many other points were discussed which gave the participants an idea about how cyber-crimes and cyber-attacks affect businesses. She talked about recent cyber-attacks like Cosmos Bank (Pune) case study, Canara Bank case study, breach of 1.1 billion records of Indian Aadhar cardholders to name a few. This was followed by an explanation on how these attacks could be prevented using strong passwords, firewall, encryption, multi-factor authentication and so on. The doubts of participants were cleared during the Q&A session.



**Participants being taught about system vulnerability and abuse during the cyber-security webinar**

## ANDROID APP DEVELOPMENT USING REACT NATIVE WORKSHOP

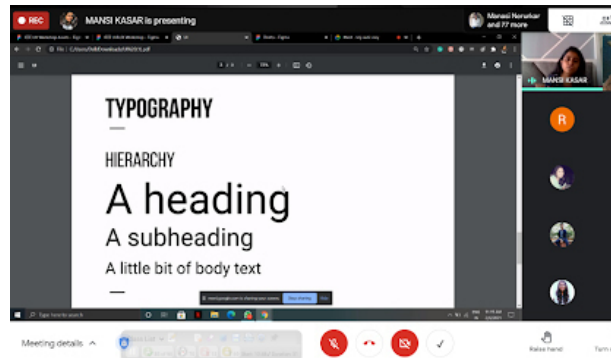
As the world goes mobile, so does IEEE-VESIT. A workshop on Android App Development using React Native was conducted by IEEE-VESIT on 30th and 31st January 2021. The participants were taught to make a food-delivery app. The front-end or the user interface of this app was designed using JavaScript XML. Using React Native, various functionalities like placing an order, tracking an order using Google Maps API were implemented. The attendees learned how to build a real-world project from scratch in just two days.



**Participants being taught to code a food delivery app in Android App Development Workshop**

## UI/UX DESIGNING WORKSHOP AND COMPETITION

The session began with the participants being taught the basic concepts of UI/UX designing. Figma, an on-line designing tool, was chosen as a platform to provide a hands-on experience to the attendees. Using the skills learnt through the workshop, a female-centric website called “Woment” was created. A designing competition was conducted which let the participants get their hands dirty utilizing the lessons they learnt in this workshop.



**Participants being taught the basics of UI/UX designing**

## UPCOMING EVENTS IN FEBRUARY 2021

### **Blockchain Workshop:**

Blockchain is revolutionizing the world. It goes far beyond bitcoin and cryptocurrency. Blockchain is being used in the secure sharing of medical data, real-time IoT operating systems, anti-money laundering tracking systems, voting systems, and tons of other applications. To keep everyone abreast with this ever-evolving technology, IEEE-VESIT will conduct a hands-on project-oriented workshop on Blockchain.

### **Online Treasure Hunt:**

Online Treasure Hunt is a 24-hour virtual event with a mind-boggling storyline and equally difficult questions. With carefully curated challenging questions, this event stretches the critical thinking, problem-solving skills, and analytical skills of the player to the limit. The first player to beat the game wins the event.

### **Technical Paper Presentation Seminar and Competition:**

Technical papers play an important role while applying for a job or higher studies. The workshop will be conducted by one of our experienced senior faculty member. This workshop will help the attendees learn how to draft an effective technical paper. In addition to this, a competition will also be conducted where participants will present their research paper from a given set of domains.

*Definiteness of purpose is the starting point of all achievement.*

–W. Clement Stone

# International Society of Automation



## Staff In-Charge:

Mr. N. Gopalkrishnan, Assistant Professor, Department of Instrumentation Engineering

Mrs. Jayashree Ramakrishnan, Assistant Professor, Department of Instrumentation Engineering

## Student Incharges:

President: Mr. Lewin Noronha

Vice President: Mr. Prithvi Shetty

## ISA-VESIT Council:



BE, TE and SE Council of ISA-VESIT for A.Y. 20-2021

### **Brief introduction of the council:**

Staying true to our word of 'Giving our members maximum benefit' ISA-VESIT conducted various workshops during the pandemic and even took up some new initiatives in the lockdown period. From conducting completely online events, like 'EluciMate' and 'E-hardware Hackathon' to launching "IoT kits-Delivered at your doorstep", ISA-VESIT made sure to not let the monotony of virtual workshops affect its members. 'Project Oriented Workshops', the biggest initiative of the year, will help all the students to gain knowledge by implementing the things they learn.

Events conducted :(from March 2020- February 2021)

### **Non-technical events:**

#### **Article Writing:**

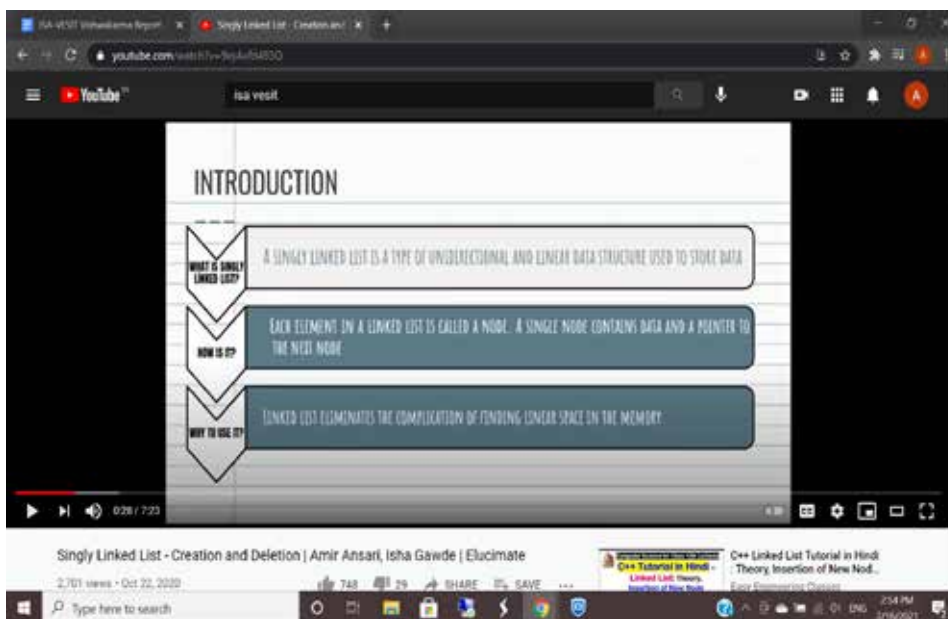
ISA-VESIT conducted an Article Writing competition with an effort towards facilitating the need for technical comprehensions and effective knowledge sharing. The competition advocated the views of students on various aspects of revolutionary technology. The best articles were later published in our annual magazine Envisage'20 and the top three articles were given certificates of merit.

#### **Kuch creative corona:**

During the Pandemic outbreak of Covid-19, ISA-VESIT Organised a fun competition 'Kuch Creative Corona'. This competition was held online wherein the members were told to submit their artwork. The participants submitted their sketches, paintings, digital artwork and edited photographs. We received a great response from the participants. Many amazing artworks were submitted. The best artwork and photographs were featured in Envisage'20, the annual magazine of ISA-VESIT.

#### **Financial independence workshop:**

Financial Independence Workshop was taken by ISA-VESIT'S faculty advisor Mr. N. Gopalkrishnan with the aim of imparting the importance of finance management. On the first day he talked about what are the different options for investing money and pros cons of every option. On the second day he went in depth about the share market, talking about different parameters of how to judge a share, how to read analysis of any share and other details. We got affirmative feedback from all our participants.



**Winning video from Second year**

Elucimate:

ISA-VESIT conducted a competition, EluciMate to showcase the creativity of students in teaching technical topics. The participants were asked to create a short video on any topic related to engineering curriculum. In all 30 teams participated out of which 7 SE teams and 10 TE teams qualified and their videos were uploaded on YouTube. The judge panel consisted of Mr.Gaurav Tawde, Mr.Abhishek Chaudhari and Mr. N.Gopalkrishnan from EXTC, ETRX and Instrumentation department respectively. The final round on the basis of youtube likes on the corresponding video and the marks given by the judges. All the videos uploaded on our Youtube channel elicited a great response from the viewers.

### Technical Events:

App development:

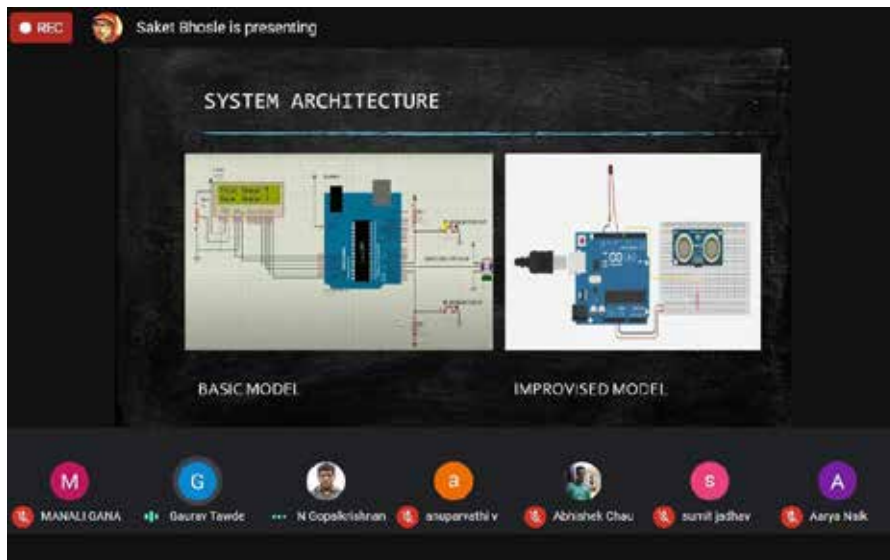
ISA-VESIT conducted an App development Workshop to give the members a greater view of the ever-growing field of app design. The workshop was conducted by Mr Prithvi Shetty and Mr Nilesh Talreja. The workshop commenced with an overview of apps and then detailed definitions of frontend and backend app programming, and the difference between these two concepts was explained. HTML and CSS basics were also explained, enabling the participants to design a basic app of their own as an activity. A brief explanation on JavaScript and PHP and theoretical explanation on MySQL: its basics, applications and syntax was given. The workshop was interactive and engaging due to the great enthusiasm and support from the students.



**Mr. Nilesh Talreja conducting the workshop on App Development**

E Hardware Hackathon:

ISA-VESIT conducted its first fully online event: The E-Hardware Hackathon. In this event, participants were given real life problem statements and they were told to present their proposed solution through a Power point presentation and a subsequent simulation through software like Proteus/Tinker cad etc. This online event was conducted on Google Meet with teams divided into 6 panels with each panel consisting of a host, a co-host and a set of judges. The event was conducted in 3 rounds; the first round was the Presentation Round, the second round was actually implementing their proposed solution through simulation software, the third round was Power point Presentation + Simulation Round. This last round was judged by our expert faculties Mr. A Nagananda, Mr. N Gopalkrishnan, Mr. Gaurav Tawde and Mr. Abhishek Chaudhary. The event's success was confirmed by the overwhelmingly positive feedback from students and faculty.



### Final Round of E-Hardware Hackathon

#### Microcontroller Board Development Workshop:

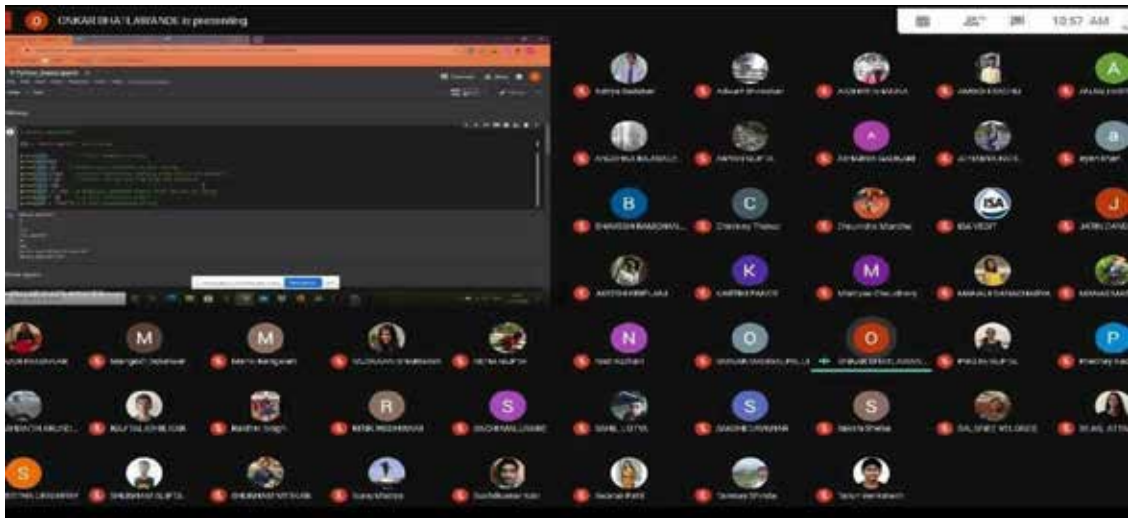
ISA-VESIT conducted its Microcontroller Board Development Workshop which was delivered by Mr. Souvik Saha, a VESIT alumnus and an embedded system engineer at Ayu Devices, IIT Bombay. Mr. Souvik introduced us to PCBs, educated us about the need for the same and elucidated the importance of capacitors. ATtiny85 microcontroller, the basic building block of the workshop was made familiar with, which followed. The limelight software of the workshop was on Eagle CAD software. Creating a schematic from scratch was taught which included importing a custom library and installing libraries from the library manager. With the overwhelmingly positive feedback received for the session it proved true to its purpose.



### Explanation of ATtiny series given by Mr. Souvik Saha

#### Web Automation Workshop:

ISA-VESIT conducted a two-day Web Automation workshop with two sessions being conducted on each day. The workshop was initiated by Mr. Onkar Bhatlwan (Technical Executive), Mr. Amogh Sadhu (Technical Executive) and Mr. Jatin Dandelia (Technical Officer). During the workshop topics like basics of Python, introduction to Selenium and its various applications, GitHub and its basic functions were discussed. All the four sessions conducted in these two days were very informative and along with the enthusiasm and positive response from the participants, the workshop proved to be a great success.

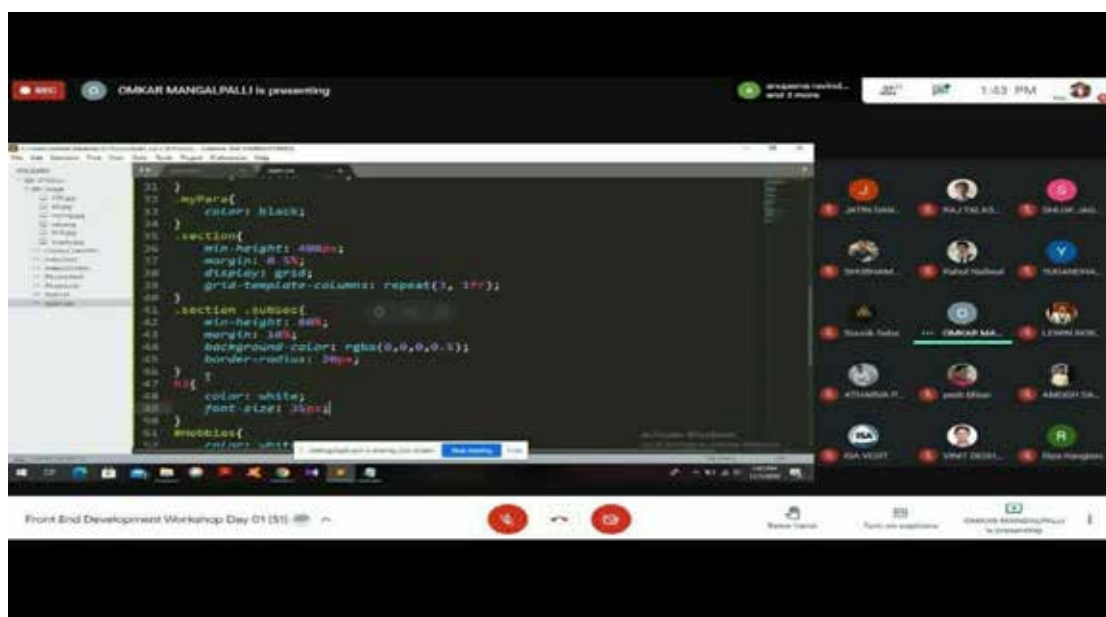


**Web Automation Workshop in Session**

### Front End Development Workshop:

ISA - VESIT conducted its two day online Front-End Development Workshop. The workshop was conducted by Mr Onkar Bhatlawande, Mr Omkar Mangalpalli and Mr Shubham Metkar.

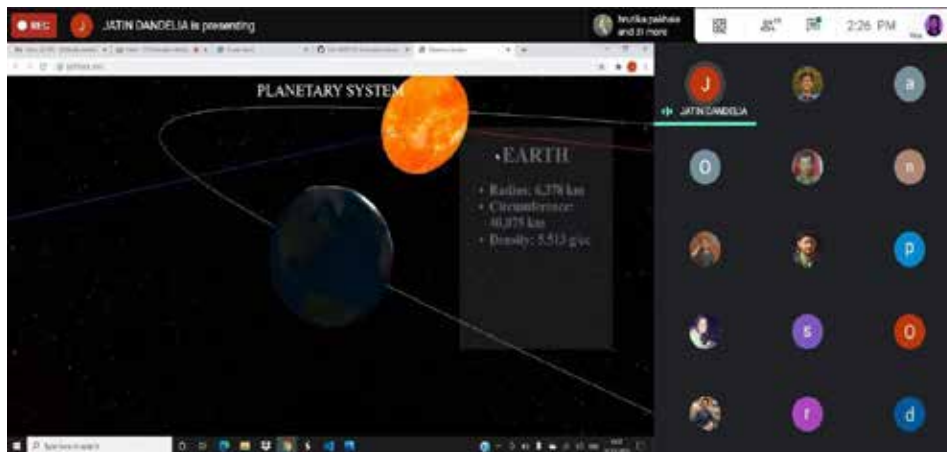
The participants were taught the basics of HTML in which concepts like using tags and constructing a dummy website were explained. Further, the participants were taught CSS which helped in making their dummy website aesthetically appealing. Later the basics of JavaScript and all the necessary and required concepts of creating a website were elucidated. The participants were given a few tips on how to customize and improve the aesthetics of their website. The sessions conducted in the workshop helped the participants in creating their own professional portfolios.



**Mr. Omkar Mangalpalli explaining Portfolio Website creation**

### 3D Animation Workshop using Three.js

With the onset of an even semester, ISA-VESIT geared up with enthusiasm conducted its first workshop on the need-of-the-hour and the future-of-the-internet- **3D Animation using Three.js**. The two-day workshop was conducted on 30<sup>th</sup> and 31<sup>st</sup> of January, 2021 by Mr. Aditya Ganesh (Chief Technical Officer), Mr. Raj Talashilkar (Secretary), Mr. Jatin Dandelia (Technical Officer), Ms. Mahek Tardeja (Jr. Editor) and Mr. Omkar Mangalpalli (Web Editor). The workshop started with the elucidation of what is JavaScript, its basics and its prominence in the upcoming future. Further, the preliminaries of Three.js using node.js and visual studio code were thoroughly explained and Fundamentals of Three.js like setting up a scene, adding a camera and rendering were admirably covered. Being a project-oriented workshop, the two-day session was concluded with discussion of the variegated projects that can be implemented using three.js.



**Planetary System Project created using html and Three.js**

### **Initiatives:**

#### **Innsaei app launch:**

ISA-VESIT launched its official app “InnsÆi” on 6th May, 2020. InnsÆi app allows you to access ISA-VESITs Digital Library, which comprises E-books and MU question papers. You can issue various components from its Hardware Inventory. You can send your 3-D designs using the 3-D Portal directly from our App, and also register for upcoming events. Moreover, you’ll get a chance to interact with notable Alumni of ISA-VESIT through our Alumni Portal! In short, we’ve curated all the facilities that ISA-VESIT has to offer, and put them together in our App!

#### **Project Oriented Workshops:**

Due to the Pandemic situation conducting the conventional workshops proved to be a little monotonous for the participants and even the conductors. So, to bring a new creative mix to these conventional workshops we redefined the format so that the participants will get to take away the projects they create based on the skills acquired during the workshop. Under the hashtag #your\_projects\_matter, ISA-VESIT will certify your project and even post it on our social media.

#### **Website Launch:**

After a lot of efforts ISA-VESIT launched its own official website on 23rd January 2021. From this WEBSITE you can access: Information of all Events/Workshops happening in ISA-VESIT, 3D Printing Portal, Editorials, Digital Library, Hardware Inventory and many more. It’s aesthetically appealing and one can access any information of the council.

Website Link: <https://isavesit.org.in>

#### **IoT kit reveal:**

This pandemic has forced us to stay indoors and use simulation softwares to implement projects. Simulators give you virtual output but not the actual results. So, ISA-VESIT came up with the initiative to deliver a hardware IoT kit at the doorstep for our members. IoT being a need-of-the-hour topic has wide ranged applications in our projects. So, through this initiative our members can get hands on experience of the hardware projects in our workshops. The kits are already tested and the delivery will be done while taking all the necessary precautions.

### **Upcoming Events:**

#### **BE & BEYOND:**

It is a kind of a seminar where our student alumnus and our seniors take out time to talk to us and elucidate us about the options available after graduation. What points should be kept in mind while attending an interview, what steps should be taken to appear for entrance exams. What are the other options available apart from the conventional ones, all these points will be discussed during this interactive session.

# Indian Society for Technical Education



**Staff in-charge:** Dr. Asawari Dudwadkar  
Dr.(Mrs.) Shashwati Roy Majumder

**Student in-charges:**  
Prithvi Amin (Chairperson)  
Sparsh Prabhakar (Chief Executive Officer)  
Siddhant Pai (Chief Operations Officer)  
Mr. Saurav Jeswani (Sr. Treasurer)

The Indian Society for Technical Education (ISTE) is the leading National Professional non-profit making Society for the Technical Education System in our country with the motto of Career Development of Teachers and Personality Development of Students and overall development of our Technical Education System. The major objective of the ISTE is to assist and contribute in the production and development of top quality professional engineers and technicians needed by the industries and other organisations. The society takes care to balance out the technical as well as non-technical part. Our aim is to enlighten and guide the students and reinforce their capabilities. The activities of ISTE have several dimensions such as career development, subject upgradation, personality development, communication skill development, aptitude development, preparation for competitive examination etc.



ISTE Council - 2020-2021

## EVENTS:

### LARAVEL WORKSHOP

ISTE-VESIT conducted Laravel workshop on 7th March 2020 (Venue: Room 509). The Laravel workshop was Php based web development framework. It was conducted to showcase how a web application framework can be expressive with its elegant syntax. As known, Laravel has been widely used & is very effective in hackathons. Hence the workshop helped in creating the basics which help in performing better in the hackathons.



**Laravel workshop conducted by ISTE**

### 221B BAKER STREET

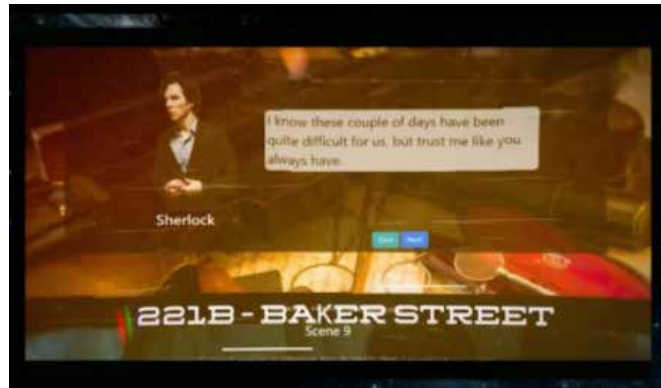
The specter of boredom continued, seemed the most after a long and unsuccessful dwell of offerings on Netflix. Everyone switched between shows and series, attended online lectures and of course got onto the most dreadful question: "So, what's next?" So, ISTE-VESIT conducted "221B Baker Street" on 20th May 2020. This event followed a particular theme of Sherlock Holmes, where over 180 participants got a chance to be a detective alongside him.

Winners were rewarded with cash prizes.

1st - Christine Jacob (D5A)

2nd - Dhruv Wankhede (D4A)

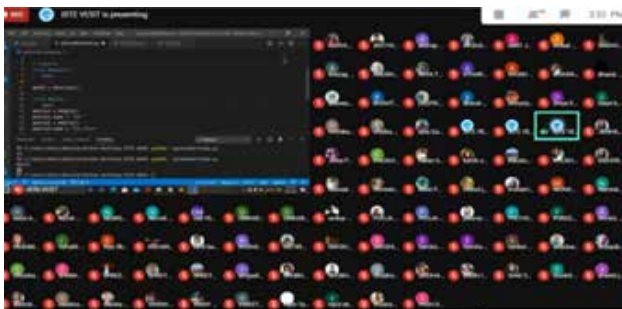
3rd - Bhuvana Raisinghani (D9A)



**A day in life of a detective in "221B - Baker street"**

### SPOTIFY USING PYTHON

ISTE-VESIT organized a two-day workshop on how to build Spotify using python and python tkinter on 3rd & 4th October 2020. The workshop was conducted on google meet. We received an overwhelming response and closed registrations after we hit 280 enrollments. Because of this remarkable response that we got, we held two meets simultaneously. Our junior. technical officers, Devdatta Khoche and Srajan Shetty were the speakers for day 1 & day 2 respectively. Python basics including OOP, exception handling, SMTP protocol, firebase, and much more got covered on the first day and the project setup on day 2. As most of the students were new to the



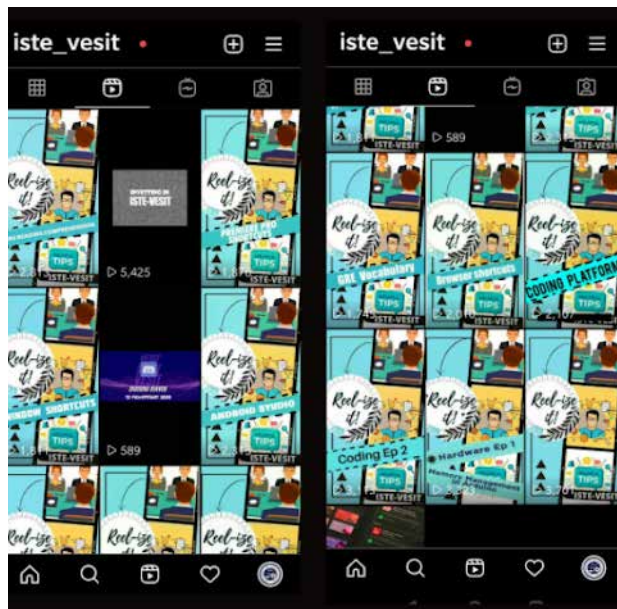
**Enjoy uninterrupted listening - a full house "Spotify using python" workshop**

python language, Devadatta started with the basics of Python language and set up the environment for project execution, and then Srajan continued the project code execution. Before the workshop, we created WhatsApp groups, divided the participants, and whenever they encountered any error our tech team resolved it at that very moment. ISTE-VESIT was pleased to see the positive response and enthusiasm shown by the attendees and abided by the feedback given by everyone.

### ‘REEL-IZE IT’ SERIES

The Covid19 scenario, having taken a major toll on all learning verticals, has made onsite learning a far fetched goal. People find it interesting to watch quick short videos of 15-30 secs rather than long videos. So the ISTE team has been putting a lot of great tips on the reel section of the Instagram page. This series is called the "Reel-ize it !" was commenced on September 30, 2020.

The series aims at housing all the tech, placement, and GRE related tips (everything that a student needs to excel at engineering). We are also planning to make videos wherein the Tech Experts and Ex Vesitians placed in Dream Companies will be giving the tips. To date, we have eleven reels on the ISTE page.



“Reel-ize it!” series

In the future ISTE intends to bring countless informative and advantageous placement and tech-related tips through the "Reel-ize it !" series.

### MACHINERA SERIES:

Aiming to provide students with an insight on the building blocks of Machine Learning from scratch, and we understand it's difficult to cover some of these topics in 1 or 2 days, so this year we have come up with Machinera- an AI series, which is divided into various courses, where students will get to learn various concepts under the umbrella of AI.

On 24th October 2020, ISTE hosted the first course of the Machinera series on the Google meet platform. This series was open for all SEs and the ISTE members of TE, BE, and MCA.

The First course was divided into two sessions, the first session was taken by Amit Chhabria and the speaker for session 2 was Akash Maurya. This course, also known as "Python In Data Science" included the basics of Machine Learning namely: Basic of Numpy, Statistics and Array operations using Numpy, Loading, Exploring and Filtering your Dataset using Pandas, Data cleaning and Updating and Sorting rows and columns using Pandas, Introduction to Object-Oriented Method, Data Visualization using matplotlib, Importing Dataset, Visualize Distribution with Seaborn. Both the sessions were filled with a great learning experience and overall it turned out to be a fruitful session for students.

The second course was conducted on 6th and 7th Feb 2021, which was attended by 75+ students. The first session was taken by Aditya Kotkar and the second by Rohan pol. This course covered Web Scraping & Dataset Generation which covers XPath, CSS Selectors, BeautifulSoup, Selenium, Scrapy, EDA & Data Preprocessing which includes Description of Data, Data Handling, Handling Outliers, Sweetviz, Encoding Categorical Data, Splitting Dataset into Training, Test sets and much more.

## NOTICE THE UNNOTICED

ISTE-VESIT conducted its technically fun event, NOTICE THE UNNOTICED from 26th January to 30th January. In this event, ISTE-VESIT posted posters on Instagram as well as ISTE-VESIT's website where the student had to make out the meaning of the cluster of images presented before them which were quite challenging.

SE WINNERS:

Aditi Singh (D10 A)

Swarali Patil (D10 A)

Prerna Peswani (D10 B)

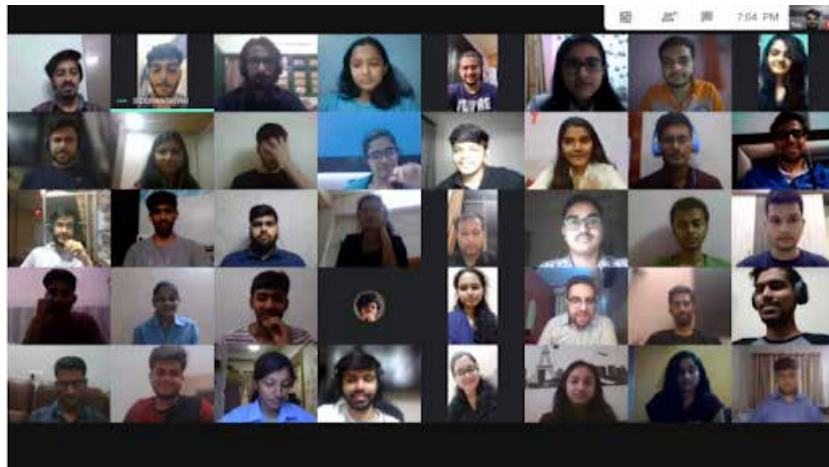
TE & BE WINNERS:

Vinayak Baranwal (D12 C)

Nihar Abhyankar ( D20)



**Take notice of the unnoticed**



**First meet with ISTE-VESIT SE council - 2020-2021**

## SE COUNCIL

On 29th December and 30th, December 2020 ISTE-VESIT interviewed for the recruitment of the SE council. To begin with, an official email from ISTE VESIT regarding the SE Council Interviews was sent which included the domains and the post specifications and the interested students were supposed to send their SOPs .The interviews were conducted in two rounds. There was no stipulation about the medium used for the interview. First round was led by the TE Panel on 29th December 2020, 2:30 pm onwards. The impression from the first round was positive and the Interview of selected students was then conducted by the BE panel on 30th December. Out of all the 40 candidates, 20 were selected. Questions were asked according to the domain of preferences. The questions were designed and asked in such a way that they evaluated the critical thinking skills, interpersonal and problem-solving skills, and leadership skills of the candidate. Candidates were given the space to think and answer the questions and were asked to put in their queries and suggestions if any. The candidates meeting the basic requirement as well as additional skills, competencies and experience were selected for the respective positions in ISTE-VESIT SE Council.

## EVENTS LINED UP:

### MACHINERA - COURSE 3

The third course of Machinera would be conducted on 13th and 14th Feb, 2020 via Google Meet. The first session would be taken by Srajan Shetty and the second by Devdatta Khoche.

This course covers model training along with supervised learning and unsupervised learning. Through this series ISTE-VESIT aims at making students aware of the new and upcoming developments in the field of technology and to develop a basic understanding of the building blocks of AI as presented in terms of intelligent agents: Search, Knowledge representation, inference, logic, and learning among students.

### GRE WORKSHOP

GRE Guidance Session, for those who are planning to go abroad for masters. This session aims to guide students through hindrances faced during applying for universities abroad, for higher studies, and to provide guidance for the GRE exam. Every year we invite instructors from one of the top GRE training institutions. Everything enrolled students need to know about GRE will be covered here.

*"It's your reaction to adversity, not adversity itself that determines how your life's story will develop."*

– Dieter F. Uchtdorf

# Council Reports



# Cultural Council



**Staff Incharge:** Mrs. Naveeta Kant, Deputy Head, Dept of Electronics

**Cultural Secretary:** Himesh Shadiza (D14A)

**Senior Deputy Cultural Secretaries:**

Khushi Makhijani (D12C)  
Sudhanshu Mishra (D11A)  
Harshita Kukreja (D14A)  
Tanvi Shetty (D12B)  
Krunal Rane (MCA2B)

**Junior Deputy Cultural Secretaries:**

Prerak Moolchandani (D7A)  
Abhiram Phadnis (D6)  
Sahana Shetty (D10A)  
Surabhi Byju (D6)  
Tejas Gala (D7C)

**Team of Volunteers:**

Sanket Chaudhary (D12C)  
Gaurav Govilkar (D8)  
Himanshu Behra (D7B)  
Prathamesh Pawar (D13)



**Members of the Cultural Council**

The following were the events conducted by the Cultural Council in the odd semester :

### **CultRatri**

As the VESITians longed for a celebration of Navratri in the lockdown, VESIT Cultural Council in association with VESIT Dance Crew (VDC), came up with its brand new event - CultRatri. The online event was conducted on the last day of Navratri i.e. on the 24th of October 2020. The online fest brought in various cultural exhibits along with traditional extravagance for VESITians.

#### **LIST OF PRE-EVENTS for CULTRATRI '20 :**

#### **Sanedo Swag Challenge**

The participants were asked to send short clips showing how they celebrated the festival of Navratri in lockdown. The videos had ranged from Garba dances, outfit showcase to even displays of traditional Gujarati cuisine. The videos were shared on Cultural Council's official Instagram handle.



**Hosts comically reviewing the Sanedo Swag Challenge video of Tarun Mishra(D7C). Top(L to R)- Rahul Ghorpade(INST 2020), Siddhant Pai(D16B). Bottom(L to R)- Tarun Mishra(D7C), Avikshit Dabholkar(D19B)**

#### **CultRatri Red Carpet**

Just hours before the commencement of the actual event a brief red carpet gala was conducted on Instagram Live wherein VESITians turned up to reveal their excitement for the fest. The Red Carpet had fun activities and interesting questionnaires.



**Cultural Secretary Himesh Shadiza(D14A) along with hosts Gaurav Shukla(D19A) and Jyeshtha Prabhu(D19A) inviting everyone to the online Cultural Exhibit at CultRatri Red Carpet**

## MAIN EVENT (The Cultural Exhibit and Garba Night)

The main event of CultRatri was streamed online on Vesit Cultural's official YouTube channel. The event began at 7 pm with energizing Navaratri numbers played by the DJ. The hosts entertained the viewers by cracking jokes after which VDC showcased their dance moves with online performance. The best videos from the Sanedo Swag Challenge were streamed live. The exhibit also included a tutorial Graba session by VDC. The comment section of YouTube live was flooded with comments and online hoots. The live session had close to 8 thousand views on YouTube. Later the participants were sent allotted private tables so that they could hang out with their friends, enjoy the private DJ, and play games.

Some Public Rooms included a karaoke room, game room, football stream room, etc.



**Hosts interacting with team VDC during the segment 'Groove with VDC'. Top(L to R)- Shubham Sawant(EXTC 2020), Neeraj Patil(D11B), Avikshit Dabholkar(D19B). Middle(L to R)- Devansh Singh(D6), Rahul Ghorpade(INST 2020), Priyank Sewani(D18). Bottom(L to R)-**

## INVINCIA

### Pre-Events

Since Invincia was planned around Diwali, various pre-events surrounding the festival of lights were held. Students submitted pictures and snippets of vibrant rangolis, colorful outfits, decorated diyas and gar-nished dishes!



**(Danger word) (L-R, top) Host Tanvi Shetty (D12B) along with the participants for Danger Word, Aditya Gurnani (D12A), Krish Amesur (D12A) (L-R, bottom) Omkar Mane (D12A) and Advait Naik (D12A)**

## Danger word

The event was conducted on Day 1 of Invincia. It was a fun-filled game that was played in pairs wherein one of the teammates was given a danger word and a winning word. The player was instructed to give one-word clues to their other teammate hoping that they would guess the Winning Word on the card and if a teammate accidentally says the Danger Word instead they lose.

## Sab Golmaal Hai

Sab Golmaal Hai, as the name suggests, is one of the most exciting events of the fest. The event comprises 4 of your favorite fandoms- Friends, Taarak Mehta Ka Ooltah Chashmah, Game of Thrones and Marvel Cinematic Universe.

The participants were placed in a sticky situation where you would need to justify the decisions they made. The participant, along with all the other characters would then conclude who should be blamed for all the havoc caused. This event was the very first event of Invincia and was held on the 18th of November.

## 5-second rule



**(5 Second Rule) Students playing 5 Second Rule in a group of 5. Top(L to R)- Nikita Joshi (D14B), Tanvi Shetty (D12B), Shreya Balasubramanian (D14B). Bottom(L to R)- Vanshika Dangi (D14B), Sristi Kushwaha(D14B)**

This event took place on Day 3 of Invincia at 3 pm. The 5-second rule was a simple game where the contestants had to answer VESIT based trivia questions in the nick of time. The participants had fun as they were asked to name 3 things from diverse categories in 5 seconds. It was a very enthralling game where the participants were competing against their very own friends and peers.

## Family Feud :

Family Feud was one of the most engaging games of Invincia 20 which happened on the 19th of November. It was a game show where two teams competed to answer the most popular responses to survey questions.

## Debate

One of the fiercest and interesting events of Invincia was the Debate. After conducting multiple rounds the finale took place on day 3 of Invincia. It was a very tough competition.

The finale brought the best of critical opinion from the participants. There were witty one-liners, stronger come-backs, formal retaliations and all of them led to constructive decisions about how human-life can be better and progress to the best of their potential by eliminating issues at hand.

Winners:

Rajesh Muni (D6) and Devansh Singh (D6)

Nihar Abhyankar (D20) and Kaustubh Kenny (D7B)

Tanuja Upadhyay (D13) and Kartiki Pande (D13)

## Scandal

The newsmakers of VESIT took on a task to make a scandalous piece of news based on a headline that they were given. The entries saw mind-boggling scandalous pieces of articles that linked various threads and made the articles enthralling.

## Dumsies and Pixies



**(Dumsies and Pixies) Participants during a round of Dumsies and Pixies. (L-R, top) Host Sahana Shetty (D10A), Dhairya Shah (D11A), Hritik Patil(D11B), (L-R, Middle) Jayesh Mahajan (D11B), Shreyas Udupa (D12B), Nidhi Thakkar (D10A), (L-R, Bottom) Sakshi Kharche**

This was an engaging event where participants joined in teams of 4-5. A single session involved 2 teams competing with each other in two rounds. The first round tested their knowledge regarding Bollywood as well as Hollywood movies while the second round tested their capability to enact a movie without uttering a word. All in all, the participants thoroughly enjoyed themselves.

## Fandom Buzz



**(Fandom Buzz) Bollywood Committee - (L to R, Top) - Garv Jhangiani(D7A), Gaurav Govilkar (D8), Vaidehi Bhagwat(D7A), Kapish Madhwani(D7B). (L to R, Middle) - Advait Bansode(D7B), Aishwarya Krishnamurthy(D7A), Siddhi Bhosale(D7A), Shlok Jagauste(D11B).**

Fandom Buzz was one of the highlights of this fest. This event happened on the 19th of November. Fandoms like Bollywood, Harry Potter and Brooklyn nine-nine clashed at this event. The participants repre-

mented a character from every fandom and discussed fun agendas and crises.

### **Antakshari**

**Date:** 20/11/20 Time: From 2 pm

In Antakshari 4 teams having 4 members, each played against each other to find out who had the best knowledge of Bollywood songs. It comprised 3 rounds, each testing their insights in music and after each round 1 team was eliminated. It was a fun event where everyone was vibing to some Bollywood Hits and with each other!

### **Solo dance**

The fourth day of Invincia witnessed some mesmerizing solo dance performances, ranging from Classical Indian to modern Hip Hop style dancing. Participants from all the branches left the hosts Vanshika Dangi(D14B) and Bhuvana Raisinghan(D14A) as well as the viewers spellbound and craving for more. The entries were judged by Priyank Sewani(D18). This event was live-streamed on Youtube. The hosts kept the event interactive and the viewers engaged throughout the stream.

Winners:

Aditi Patil (D9B)

Naman Tahilyani (D7C)

Bhairavi Chavan (D11B)



**(Solo Dance) Hosts Vanshika Dangi (D14B) and Bhuvana Raisinghani(D14A) interacting with participant Jaskaran Singh Khalsa(D19A)**

### **Monoact**

Mono Act was a small act or an operatic piece where an individual portrayed a character. It comprised 2 rounds, where in the first round participants were eliminated according to their performances and the corresponding round was the final round. The Mono act was a fun event wherein the individual could alternately play numerous roles in the same scene.

### **Music Video**

Participants were asked to submit a video of them dancing or acting on a song of their choice.

There were a wide variety of entries from students dancing to making a funny video. Divya Raisinghani won this event.

## Personality

This event was one of the main events organized by our council. Also, a very important event in INVINCIA '20. It happened on the 21st of November i.e. the second last day of Invincia. This was undisputedly the most awaited event of the year, this was an event where all the interested participants competed for the titles of Mr. and Ms. Invincia. It was conducted in a series of fun rounds like introduction round, talent round, challenge round and question-answer round. Sharvani Sawant and Neeraj Patil were the winners of the title. All in all, it was a very successful event.



**(Personality) Participants, Hosts and Judges are all smiles for a picture as the event gets concluded. Top(L to R) - Nilesh Talreja(-D17A), Himesh Shadiza(D14A), Shraddha Bhinge(EXTC 2018), Chirag Lundwani(D7A). Middle(L to R) - Hemkesh Raina(D15), Saritha**

### Upcoming Events: (Even Semester)

#### Prarambh 2021

Prarambh 2021 is the exclusive event for FEs which marks the embarkment of their exhilarating journey of engineering. The theme for this year's Prarambh is 'Spirit of Life' which depicts the invincible spirit of humankind even after a global pandemic.

All the first-year divisions will be fighting to win the coveted title of Best Class. The Cultural Council has planned various activities that could be feasible online and be equally exciting and thrilling. Various team-building and fun activities spanning over the domains like art, drama, dance, aesthetics, literature, and visual arts will be conducted to ease the freshers and make them comfortable with VESIT's ebullient extra-curricular environment.

# Music Council



**Staff Incharge:** Mr. Prashant Kanade, Dept of Computer

**Music Secretary:** Sahil Salian

**Student Incharges:**

Pratiksha Bhat	(Sr. Deputy Secretary)
Neeraj Patil	(Sr. Deputy Secretary)
Praneel Rastogi	(Sr. Deputy Secretary)
Manasi Pisal	(Sr. Deputy Secretary)
Ahona Chattopadhyay	(Jr. Deputy Secretary)
Raghattam Parvatikar	(Jr. Deputy Secretary)
Aarushi Sharma	(Jr. Deputy Secretary)
Orijeet Mukherjee	(Jr. Deputy Secretary)
Madhav Bhutada	(Jr. Deputy Secretary)
Yash Rajee	(Jr. Deputy Secretary)
Dhruv Wankhede	(Jr. Deputy Secretary)
Kanchan Nathani	(Jr. Deputy Secretary)
Austin Mathew	(Jr. Deputy Secretary)
Aditya Rana	(Jr. Deputy Secretary)
Yash Bhise	(VA Team)
Ameya Padwad	(VA Team)



**Collage of VESIT Music Council members**

## About VMC

VESIT Music Council is one of the most functioning, innovative, and ready to take challenge councils of the college which has the ambition to reach more and more students and bring out their talents and skills.

Music Council provides the platform not only for the students who have developed abilities in music but also for the students who are passionate about it. This council follows an aphorism of connecting hearts through the strings of music. VESIT music council believes in, “Any coal can be turned into a diamond” and thus always works towards the betterment of the music culture by providing as much as deep knowledge, experience, and fun through their events.

### Events:

#### It's all REELatable

This year was very challenging as all events were conducted in Virtual mode. Music maestros of VESIT anyhow mesmerized all minds by presenting the very first event conducted by Music Council at VESIT (VMC) was ‘**ItsAllReelatable**’. This event began with the challenge as a page promotion event. The major concern of this challenge was to increase our crowd engagement. In this challenge, the participants were faced with a challenge to recreate any album/song cover art. The recreation was supposed to have a very catchy caption, related to the song/album name. The top five entries were posted on the VMC’s Instagram handle.

Coordinators of VMC helped the contestants in the video editing part. The participants had to submit their creativity in the form of 10 seconds video along with the screenshot of the cover art which they are recreating.

104 Creators all over VESIT turned up with their ideas. The page promotion event turned into a major hit! The entries were posted on the stories of VMC’s Instagram handle. On 17th October, the top five reels were posted on the VMC page. VMC expresses their sincere gratitude to all participants and congratulates the winners of this activity.

#### REELatable Winners VMC20-21:

1. Tarun Mishra D7C
2. Arnab Saha D14B
3. Aaryan Swami D10B
4. Vanshika Dangi D14B
5. Divya Singh D11



Poster of the event It's all REELatable

## Diwali Sabha

VESIT Music Council conducted the 'Diwali Sabha' on 13<sup>th</sup> November 2020. This event was conducted on the online medium and streamed on YouTube as well. We got participation from teachers for this special event. This was an exuberant evening to celebrate the festival of Diwali. It started with Indian classical-based song performances by talented singers of VESIT. Devotional Ganesh Vandana was sung by Mr. Neeraj Patil followed by various devotional performances by Sanika Indulkar, Vaishnavi Iyer, Anushka Rajwade, Raghuttam P, Anushka Kulkarni, Ketaki Purohit, Sudipa Majumdar. The anchors for this sangeet sabha were Kirti Patil and Isha Gawde.

In the next phase, we had a mythological quiz which was conducted in collaboration with the VesLit Circle. 4 teams took part in 3 different rounds and were contesting for the title. The for teams were :

Team A: Neeraj Patil, Tanmai Govindan, Mr. Vijay Shejwalkar and Mr. Prashant Kanade

Team B: Kirti Patil, Vaishnavi Iyer, Mr. Sunny Nahar, Dr. Maya Bhatt

Team C: Meghana, Smruti, Mr. Abhay Kshirsagar sir and Mr. Gaurav Tawde

Team D: Praneel Rastogi, Ayushi Pamnani, Mr. Vivek Umrikar and Dr. (Mrs.) Manisha Tewari

Team E : Aarushi Sharma, Saurabh Maurya, Mrs. Rohini Temkar and Dr. (Mrs.) Shashwati Mujumdar.



**Participants and hosts of the Diwali sabha playing Diwali trivia**

The four teams had to go through 4 rounds which were an MCQ round, Picture Round, and a Rapid Fire round. The winners were declared as Team D and the Runner up was Team C.

## INVINCIA

### Faculty event

This was the first event of Invincia'20 and what better way to start things off than doing something for our lovely teachers. This event was the beginning of Invincia and it featured the faculty of VESIT. The VESIT Music Council organized this wonderful event where our faculty could take a short break from their busy schedules and enjoy a few fun games alongside their colleagues.

The teachers were made to compete in a series of 3 games which tested their musical wisdom as well as some other skills. First, they played a game called 'Selfie Le Le Re' and as the name suggests, the participants had been given a prompt with which they had to take a selfie and send it to the moderators. The teachers were quick on their feet to grab hold of the given prompt and post a selfie with it.

The second game was called 'Emoji Guess The Song'. Here the teachers were given clues for a song via emojis. They had to figure out the song name by the emojis on their screen. The teachers enjoyed this and had a great laugh playing this game.



**Council members posing with the teachers for a photo after the event**

The final game was 'Photo Antakshari', here the teachers were shown screenshots from songs which they were familiar with. They had to guess the song from the screenshot and sing a few lines. This game was played between 2 teams. The teachers showed astounding enthusiasm and relished the event thoroughly.

### Mix n' Mingle

Amidst the mundanity brought forth by the Pandemic, Vesit Student Council came up with Mix n Mingle to facilitate socializing amongst VESITians. Registrations were taken through google forms and after careful and extensive filtering from different branches and years were paired in teams to get to know each other and then play fun games competing against other teams present.

This event was conducted on zoom. Once participants joined the zoom meeting, hosts welcomed all, and the participants of each team were given time to get to know each other and after that, they were allotted breakout rooms where one pair of moderators were allotted 5 teams and they played Fun games like Would you Rather and Guess the word. At the end of the event, all the participants got a Memento from the Council.

Fair participation was seen in the event. Participants thoroughly enjoyed the event which we got to know from their appreciation, enthusiasm, and indulgence in our event.



**Participants playing Would you rather with the moderators**

### **Picture mei Twist**

In the very demanding and stodgy times of the lockdown, **VESIT Music Council** proposed an online, submission-based competition for the Video Editors of the college. **“Picture Mein Twist”** as the name suggests, is a competition where Video Editors have to use their creativity and imagination to change the story of an existing video and convert it into a completely different story using the same video footage, showcasing their editing skills, for example, a video from the Comedy genre converted to Horror!

The Event was Livestreamed on the second day of **Invincia**, on the **19<sup>th</sup> of November, 2020**. The event was led and managed by **Yash Bhise (D9B)** and **Praneel Rastogi (D12C)**, assisted by **Aarushi Sharma (D10B)** and **Yash Raje (D10A)**. The team received a total of 25 entries from across the college.

**Akshat Tiwari (D14B)** bagged the first prize, with his video that recreated the movie “Taare Zameen Par” into a horror clip. **Garv Jhangiani (D7A)** was the second runner-up as he mesmerized the audience by compiling footage of Tony Stark and Pepper Potts from the MCU into a romance-based video. **Kartik Shanbhag (D6)** was the third runner up, as he startled the viewers by combining the famous show “Tarak Mehta ka Ooltah Chashma” over the title track of the show **F. R. I. E. N. D. S.**



**Host and event incharges posing after the event for a photo**

The entries were evaluated by **Suraj Bhatija**. “The coronavirus pandemic has spurred the world into moving to a virtual method of interaction. Videos play an important role in communication, and the essence of this is editing. This event not only gave a chance to budding editors in the college to prove themselves but also the right exposure they need to learn more”, quoted **Yash Bhise**.

### Talent Aid

This event was specifically planned to raise money for the NGO “Kshamata”. This was in collaboration with the Social and Responsibility Team (SORT Council).

To begin with, from the music council we had Neeraj Patil (D11), Raghuttam (D10B), Aditya Rana (D6) as incharges and were also guided by Music Secretary Sahil Salian (D14B). From the SORT Council, we had Sakshi Lalchandani(D17), Rakshita Danee(D10A), and the SORT Secretary Ayushi Pamnani(D14A).

Talent Aid happened on the 3rd Day of Invinicia. Talent Aid was a generic Open Mic where anyone from the college can showcase/ try-out their content for eg, stand up, Singing, Story Telling, Poetry also dance! The sole purpose of the event was to promote the Fund Raiser carried out by the SORT Council.

In every Open Mic, the main entertainer or the energy keepers of the event are the hosts. We were fortunate enough to get our VESIT Connect Design Head and a very experienced one in the business Atique Kudchi (D) and the very talented Anushka Kulkarni (D9A). The event would not be what it was without them. We received around 30-35 entries with names like Monami Pal, Varun Bhatt, Divya Singh, Dhruv Wankhede, Yash Raje, Sudipa Majumdar, Vaishnavi Iyer, Sanika Indulkar, etc. The list goes on!

To further boost the Fund Raiser, we devised a milestone system. Our milestone performers include all the council secretaries, the president, and the GS. The major highlight of the event was our GS Nilesh Talreja dancing on an item number.

We reached the 20k milestone set by the SORT Council in the last hour of the event. We also had a constant viewership of 120-140 for more than 2 hours of the event and skyrocketed again at the end during the GS performance. Our event was a success also paving a path for a good cause.



**Event incharges posing with Participants for a photo after the event**

## Virtual Octaves

### Voice of VESIT

The flagship competition of our mega event octaves was scheduled to stream on 16th Feb. The event consisted of 2 rounds, the first round being the submission round. The participants were asked to send their videos online through the registration form.

The top 10 participants, graded by the music council were selected for the second round. The second round was live-streamed and the performers had to perform live on the VESIT Student council YouTube channel.

The winner of the event voice of vesit was a tie between Arunim Chakraborty of D1AD and Sudipa Majumdar of D9A. The event ended with a signing-off speech by Music secretary Sahil Salian.



**Participants, Hosts and the VA Team posing for a photo after the event**

### Instrumental Face-Off

Herewith its Flagship event, VESIT Music Council conducted Instrumental Face-off in Virtual octaves for the second time, this provides a virtual stage to the musicians of VESIT to showcase their talent in creating music from their instruments, Mere household items, or even their vocal cords. Instrumental Faceoff is the fierce competition between instrumentalists to conquer the title of the Best Musician.

Instrumentalists registered themselves through the means of google forms and sent in video entries of 90-180 seconds of the best performances on their instruments. Participants were judged and marked on criteria like Style, Fluency, Rhythm sense and overall presentation of their video entry.

Once all the Entries were marked and judged by the council the top 10 entries were streamed on the 14th of February where we had our Guest Judge, Alumni and the Music Secretary(2017-2018) Chinmay Warang to judge the top 10 entries and declare the winners and runner ups of our competition.

Scores were tallied, the hype was created for the winner and finally, Ian Sequeira was declared as the winner and Vishwajit Waskar as the runner up and Abhishek Mokal and Arunim Chakraborty as the second runner ups.



**Hosts, Judge and the Music Secretary interacting with one of the Finalists of Instrumental Face-off**

### **Musical Misfit**

February 13 and February 14, 2021: A memorable fun event was organized in our college named “Musical Misfit”. The knockout round was held on 13th February 2021. Knockout rounds were held in two slots, first from 11 a.m to 1 p.m and second from 3 p.m to 5 p.m. This event was mainly organized for the enjoyment of contestants. Zoom was used as an online platform and for collecting entries, we used Google forms for information about leaders and teammates. This event was successful enough to attract over 30 teams of registrations making it an event attended by over 100 students.

Each team consists of 1 leader and 2 teammates. Two teams were put in a breakout room i.e six people in one breakout room with one moderator. Three rounds were held between teams namely “Antakshari, Rapid Fire and Musical Charades”.

The first game was basic “Antakshari”, time given to think was 20 seconds and time to sing was 10 seconds. 10 points were given to the team for the correct song and 0 to the wrong one. The second game was “Rapid Fire”, in which contestants were given a syllable by the moderator and team A sang for 15 seconds starting from that syllable. Then the rival team sang a song containing a word from the previous song by team A. For every correct song, 5 points were given otherwise 0. The third game was “Musical Charades”, in which a list of songs was given to the person who was going to act. Six songs were given and the duration was 3 min, maximum number of possible songs was to be guessed by their teammates. 10 points were given for every correct song guessed otherwise -2. We used additional games of “Guess The Song” as a tiebreaker.



**Teams Euphoria, INST and the hosts posing for a photo after the event**

The winning teams had the final round on 14th February 2021 which began at 3 p.m and ended at 5 p.m. Finally, Euphoria became the winning team. It was seen that the participants not only were competitive and enthusiastic throughout the rounds but also made the event more fun and enjoyable at the same time.

### **Ek Main aur ek tu**

February 16, 2021: An Intra college virtual duet singing competition was held on 16th February 2021 named “Ek main aur ek tu” was streamed on an online platform. This contest was for students who had soulful voices and wanted to take this talent to the next level. The process of sending the entries was kept as simple as possible so that the students won’t face any problems.

For collecting the entries we used Google forms, which consisted of some personal information and uploading the video. Many students took part in this program from which the top 5 were selected. As music has no barrier, students sang various kinds of songs. The atmosphere was filled with melody.

The participants put forth their enthralling performance. The competitors gave out a variety of songs. They came up with such melodious voices which in the run attracted the audience as such. Great support was given from the audience’s side. All our young maestros who took part in the competition made the competition a great success. All of them sang to their level best. The winners were well appreciated by the judges.

Finally, Muskan and Jenny became the winner. Volunteers managed this program so well. The singing was unparalleled and the songs covered by the teams gave them a completely new dimension. There was a roar for more music but the competition had to come to an end, which also brought us to the end of the Virtual Octaves 2021.



**Muskan and Jenny interacting with the other duo Varun and Divya**

*“Everyone falls down. Getting back up is how you learn how to walk.”*

- Walt Disney

# Social Responsibility Team (SoRT)



**Staff Incharge : Mrs. Deepti Khimani**

**Council Members:**

Ayushi Pamnani (D14A) - SoRT Secretary  
Dimple Nachnani (D12C) - Senior Deputy Secretary  
Parth Kharkar (D11B) - Senior Deputy Secretary  
Rashmi Manwani (D12A) - Senior Deputy Secretary  
Tanish Sahijwani (D12C) - Senior Deputy Secretary  
Arbaaz Ali (MCA-2M) - Senior Deputy Secretary  
Venkatesh Reddy (D10A) - Junior Deputy Secretary  
Akshay Jain (D9B) - Junior Deputy Secretary  
Rakshita Danee (D10A) - Junior Deputy Secretary  
Gunjan Sureka (D9A) - Junior Deputy Secretary  
Manasvi Patwa (D7C) - Junior Deputy Secretary



**SoRT Council 2020-21**

## Introduction:

“When times get tough, we don’t give up. We get up.”

- Barack Obama

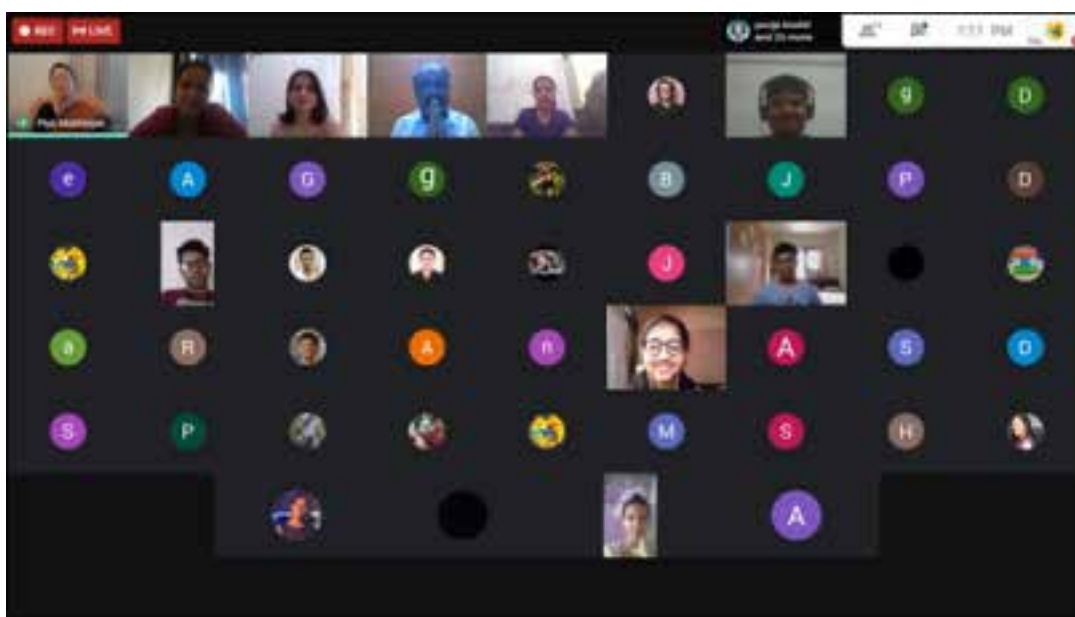
In the wake of a global pandemic, when the whole world is entrenched in the bunker of physical isolation, only kindness and ingenuity can revive us to remain grounded and imbibe the bolstering sunlight piercing through the canvas of chaos. In 2020 SoRT has tried its best to keep the spirit of “doing good” alive.

SoRT spearheaded the task of spreading the cause of Social Responsibility amongst students. Since its inception in 2008 by a group of enthusiastic students, SoRT has never looked back, being recently named as one of the most active group (at institutional level) at social work and community services all over India.

Mainly focused on spreading awareness and educating people about various social issues and reaching out to the needy NGOs in and around Mumbai, SoRT has so far volunteered for more than 40 social work activities at VESIT and helped more than 10 NGOs through donations in kind and supplies. Every year, the team brings the students together to encourage them to participate in community services.

With many new events being included, SoRT has impressed every one with its work and promises to continue doing so in the upcoming years too. SoRT aims to reach out to NGOs and individuals and inculcate the spirit of social work among the students of VESIT, and truly go *Towards the better, together!*

“HAPPY EQUILIBRIUM ” : 10<sup>th</sup>, October 2020.



**The webinar in session**

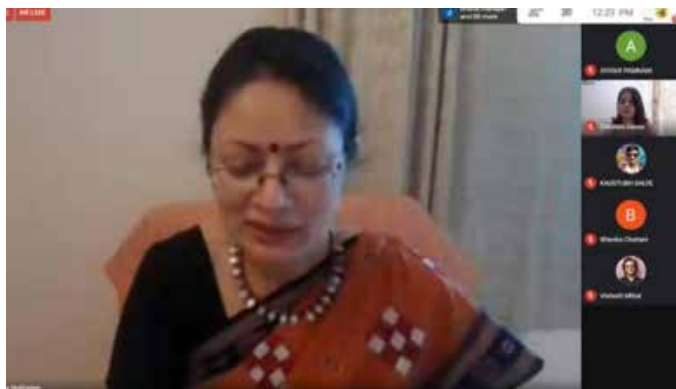
“What mental health needs is more sunlight, more candor and more unashamed conversations.”

Nearly 30% of students are affected by chronic stress that negatively impacts their academic performance and overall quality of life. To combat this issue and bring about some stability in these uncertain times, SoRT VESIT in collaboration with VESLARC held a webinar session “Happy Equilibrium” on the occasion of World Mental Health day.

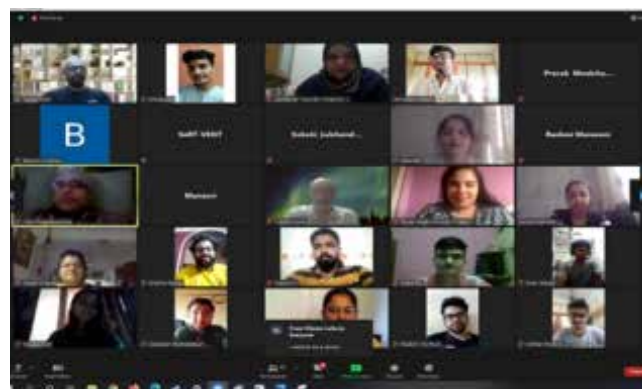
The speaker was Ms. Piya Mukherjee, the lead-trainer at VESLARC with 18 years of experience in the areas of ethics and values in business, intercultural competence and life skills. She has conducted many such healing workshops for the students of VESIT and in the “Happy Equilibrium” webinar delivered a beautiful hour-long session which focused on coping methods when stressed and how one can go from coping to thriving. This workshop was to help solve questions and problems that a lot of people have been experiencing in their life pertaining to their mental health especially given the isolation and stress of online education in the lockdown.

We received over 250 registrations, out of which 100 attended the session on google meet and the rest could experience it via a livestream. The session was one of the most collaborative online events as it was followed by a highly interactive Question and Answer round.

### PLATELET DONATION AWARENESS WEBINAR :17<sup>th</sup>, October 2020.



**Ms. Piya Mukherjee in the middle of a presentation.**



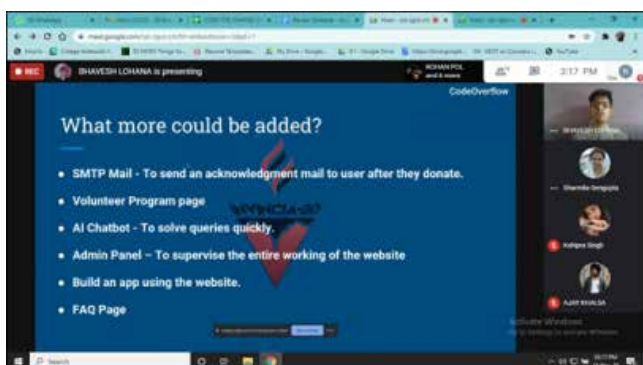
**The webinar in session with 100 students in attendance**

SoRT VESIT in collaboration with TATA Memorial Hospital and Gunvati J Kapoor Foundation presented “Save a Life” a platelet donation awareness webinar. With 100 students in attendance, Doctors from TATA Memorial Hospital spread awareness about platelets and the need for platelet transfusion. Dr. Sunil Rajyadhyesha and his team spoke in depth about the need for platelet donors and many students, moved by the presentation, pledged to become donors. The session was also later followed by an intriguing Question and answer round.

The doctors cleared the misconceptions related to transfusion, explaining everything from how they find “the good vein” to how platelets are separated from the blood collected and given to patients that need them. Attendees realized that they too could be heroes as they learned that one donation can save up to three lives!

### CODE FOR CHANGE : 17<sup>th</sup>-19<sup>th</sup>, November 2020.

SoRT with the VESIT STUDENT COUNCIL in collaboration with CODECELL under Invincia organized an unique hackathon. The objective of the 48 hour competition that took place from 17th to 19th November, was to make students aware of the ongoing social and environmental problems in the country and aid the various organizations which are trying to tackle them by creating digital solutions and platforms for these Non - Governmental Organizations. The problem statements were provided by the NGOs-Freedom for You, Human Team Foundation, HOPE everywhere and Global Parli Foundation which dealt with the cause the specific NGO was working towards. The entire competition took place on Google Classrooms and Google Meets. The hackathon encouraged all the participants to use their skills in their area of expertise for the collective good of the people in need and think outside the box to do better.



**A presentation by a participant**



**The webinar being conducted by Ms. Piya Mukherjee**

It is also noteworthy to mention that the teams were provided with a helpline meeting which had at least one Student Council member or CodeCell member at all times to help the teams with any problems they may face. All the winners of the Hackathon were given a chance to work with their respective NGOs and intern for them in bringing their problem statement solution to fruition.

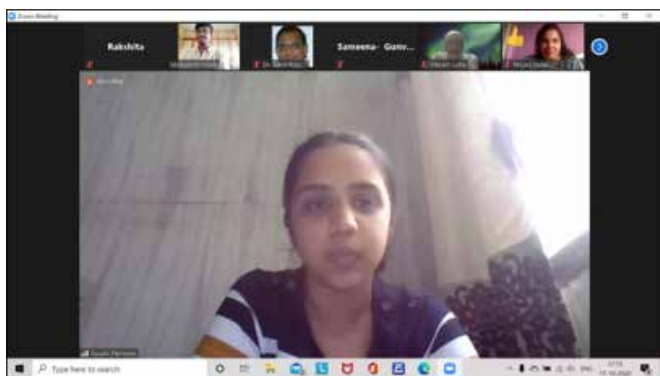
**MENTAL HEALTH AWARENESS WEBINAR: 18<sup>th</sup>, November 2020.**

SoRT with the VESIT STUDENT COUNCIL under Invincia organized a “Create your identity- Freedom from limiting labels” webinar in collaboration with VESLARC.

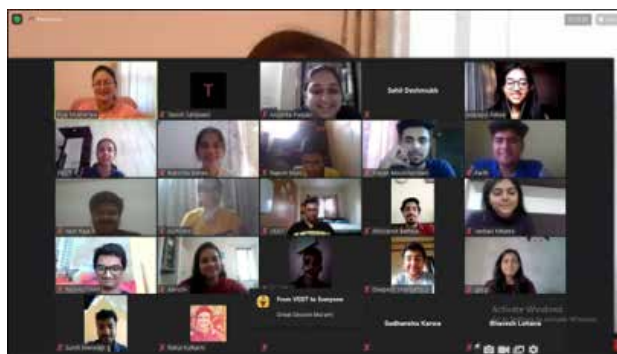
The session was conducted by Ms. Piya Mukherjee, Founder-Director of VESLARC and detailed how our negative thoughts truly affect us and how we can learn to create our identity and grow together.

Piya ma’am helped understand everyone’s nightmare thoughts and encouraged students to look beneath the surface of issues. The presentation focused on the importance of living a balanced life and the power of having a peaceful mind. The Japanese concept of ikigai, which means “a reason for being” was also introduced so that the students can have a meaningful direction or purpose in life.

The hour-long session was followed by a question-and-answer round. Altogether over 100 glad participants benefited from the exceptional session.



**The SoRT secretary Ayushi Pamnani addressing the attendees after the session**



**The happy attendees after the session with Ms. Piya Mukherjee**

**NIRVANA: 20<sup>th</sup>, November 2020.**

“No matter what people tell you, words and ideas CAN change the world ”

- Robin Williams

SoRT VESIT with the VESIT STUDENT COUNCIL under Invincia held a unique competition where groups of contestants could select a social issue from climate change, veganism, population control, deforestation, adoption of strays, child abuse, abortion rights, primary education and clean water provision and deliver a presentation with a proposed solution to the major problems seen in that domain.

Contestants passionately brainstormed and debated on their beliefs of ways in which they could diminish the societal problems. The objective of the event was to give a new perspective to age old issues that seem to have saturated the news cycle. Out of the 10 participant teams, the victor presentation was given by team D10 who effectively spoke about climate change.



**REGARD BEFORE YOU DISCARD: 20<sup>th</sup>, November 2020.**

**Participants giving a presentation on reforestation**

Approximately 100 million pieces of plastic waste is becoming

non-biodegradable litter every day!

And hence to promote the habit of repurposing waste SoRT VESIT with the VESIT STUDENT COUNCIL under Invinicia held a submission event “Regard before you discard” where participants submitted 30 sec time lapse videos of their creative creation made by reusing or recycling plastic. The green rangers submitted a lot of innovative designs like lamps made from plastic pens, old cups made into candles and many more things.



**One of the submissions for REGARD before you DISCARD.**

### **TALENT-AID AN OPEN MIC FUNDRAISER: 20<sup>th</sup>, November 2020**

SoRT VESIT with the VESIT STUDENT COUNCIL under Invinicia conducted VESIT’s first online Open Mic where the talent from our college came to perform and the audience donated to the NGO Kshamata via a ketto website made by SoRT.

The open mic was live streamed on Youtube for over 4 hours and in total funds of over INR 27,000 were raised by the audience! With students performing everything from stand up, poetry, story telling to even a few women from Kshamata performing the event was the refreshing break that everyone needed in the lockdown.

The genius of having all the talent of VESIT come together gave us a spectacular evening, filled with tons of laughter, entertainment, the spirit of giving back and an overall virtual but real positive ambience.

### **MENSTRUAL HYGIENE AWARENESS WEBINAR: 21<sup>th</sup>, November 2020.**

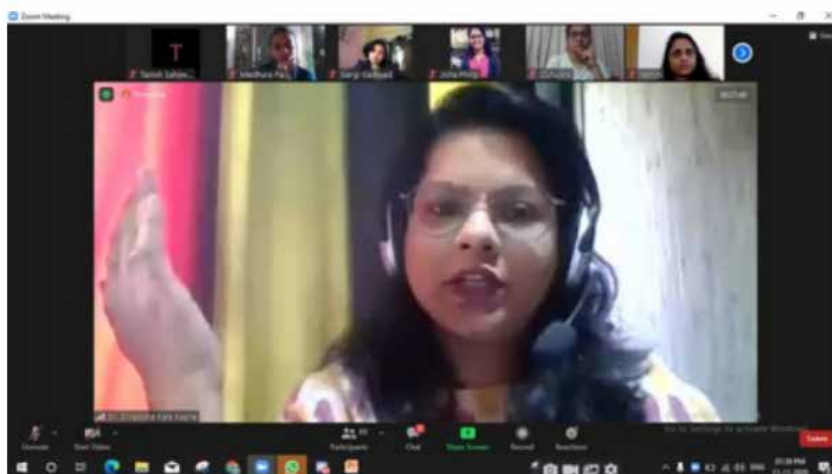


**The VESIT student council along with some participants of Talent-aid.**

SoRT VESIT with the VESIT STUDENT COUNCIL under Invinicia collaborated with The Myna Mahila foundation to conduct a webinar on menstrual hygiene. Dr. Shraddha Kale Kapile discussed the myths surrounding menstruation and even discussed personal stories from her childhood. Everything from first period stories to weird myths in households were touched and joked upon, which made everyone comfortable with sharing their stories. The complexities of menstruation and the importance of taking care of your hygiene was discussed at lengths.

The session was attended by both female and male students thus signifying that the stigma around menstruation is not a gender specific issue and we must all learn to be compassionate towards the strong menstruators.

With 90 people in attendance the session was followed by a very open Question and Answer round. The session definitely helped break the stigma and change the prejudiced knowledge circulated.



**Dr. Shraddha Kale Kapile giving the presentation**

### **CHESS FOR CHARITY: 21<sup>th</sup>, November 2020.**

The chess wizards of the college came together for good and competed in the event Chess for Charity which was conducted by SoRT VESIT with the VESIT STUDENT COUNCIL under Invincia.

The event was another innovative and fun challenge that directed the thrill of competing in chess tournaments for the betterment of women in need. It was a unique mixture between indoor sports and the spirit of giving back.

Around 45 people participated and donated to the NGO Kshamata with the fundraising Ketto website which was functional from the 18<sup>th</sup> to the 22<sup>nd</sup> of November, 2020. The players competed in pairs until only 2 winners were left and the finale between the two was live streamed on Youtube.



**Members of the student council competing**

# Sports Council



## Staff in-charge:

**Mr. Yogesh Pandit**, Assistant Professor, Dept of Electronics.

**Dr. Shivkumar Goel**, Head, Dept of MCA.

**Mr. Mahesh Singh**, Assistant Professor, Dept of Humanities & Applied Sciences.

**Mrs. Kajal Jewani**, Assistant Professor, Dept of Computers.

## Student in-charges:

Secretary: Archita Malgaonkar (D11B)

Senior Deputy Secretary: Prathamesh Parab (D11B)

Senior Deputy Secretary: Aaryan Raina (D15)

Senior Deputy Secretary: Chinmay Waykole (D12C)

Senior Deputy Secretary: Adarsh Sawant (MCA2B)

Senior Deputy Secretary: Manju Paryani (D15)

Junior Deputy Secretary: Gargi Khanvilkar (D9A)

Junior Deputy Secretary: Aaditya Moykhede (D10A)

Junior Deputy Secretary: Janhavi Mhatre (D10A)

Junior Deputy Secretary: Rajat Singh (D10B)

Junior Deputy Secretary: Bhavika Chattani (D7C)



Group picture of the council

## Brief introduction of the council:

Sports includes all forms of physical activity or games which, through casual or organised participation, at least in part aim to use, maintain or improve physical ability, and skills while providing enjoyment to participants, and in some cases, entertainment for spectators.

Sports Council has been actively conducting events throughout the year despite the ongoing pandemic and the lockdown conditions. Events such as Reminisce and series such as Kridagya and Sportify have been organised on VESIT Sports' Official Instagram account along with Fitness and Yoga sessions on the Google Meet platform and the Sports Council is all ready with its upcoming event titled Urja. We also conducted several fun games such as 2048, Rubik's cube, Football freestyle, etc under Invincia. The Sports Council collaborated with the Music Council and conducted an event for the faculty which included Selfie game, Antakshari and Emoji guess the song.

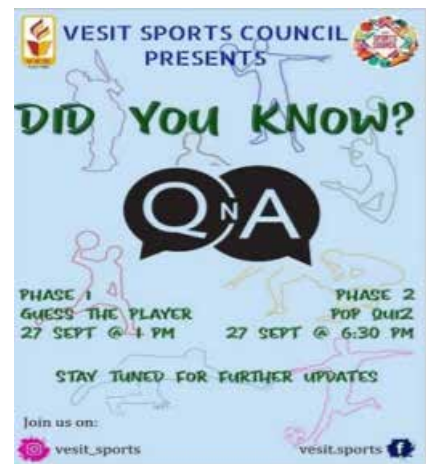
List and detailed description of activities carried out during this period including photographs with captions.

### Did you know (26 September, 2020)

The very first event of VESIT SPORTS COUNCIL, 'Did You Know' was held on 27th September 2020. It was an online event conducted on the Official Sports Council Instagram account.

Phase 1: In Phase 1, a game titled Guess The Player, was organized where certain images of a player along with hints based on the performance and career were posted on Instagram and students were asked to identify the player.

Phase 2: In Phase 2, a game titled POP Quiz, was organized where questions along with four options were posted on Instagram and students were asked to identify and select the right option.



Poster for 'Did You Know' Event

### Online Fitness Session with Jasraj Choulkar (2 October, 2020)

The 'Online Fitness Session' was held on 2nd October 2020 at 5:30pm on Google Meet platform. Around 50-60 students participated in the session. This session was taken by Jasraj Choulkar (Alumni batch 2016-2020). At the end of the session, many interesting doubts were asked by the attendees.



The host of the session Jasraj Choulkar sharing fitness tips

### Kridagya (11 October, 2020)

This year the sports council has started a series of 'KRIDAGYA' which is an online awareness program to

inspire you and help you gain knowledge about the opportunities in the sports domain and many more things. The first episode of Kridagya was released on 11 October, 2020 on the VESIT Sports' Official Instagram account.

### Reminisce (13 October, 2020)

Here, participants had to submit a short video (30-45 seconds) talking about their most memorable moment from Sphurti. About 30 videos were submitted, and they were all uploaded on the story of VESIT Sports' Official Instagram page. The first 15 entries were given a free diet plan of their choice (for weight gain or diet).

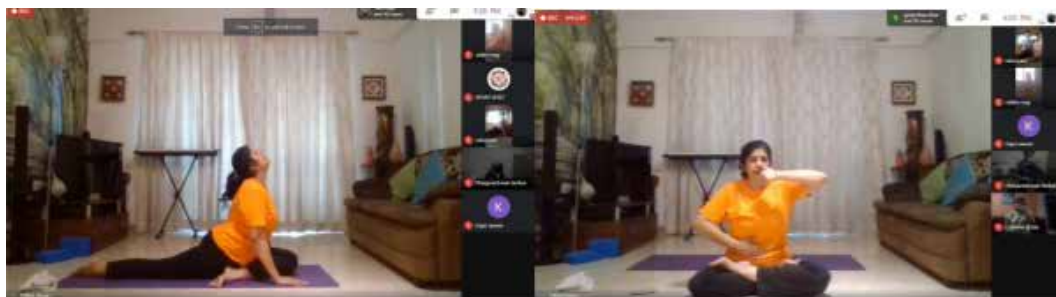


Poster for 'Reminisce' Event

### Yoga session by Mrs. Pallavi Pawar (18 October, 2020)

The third event of VESIT SPORTS COUNCIL, 'Online Yoga Session' was held on 18 October 2020 at 5 pm on the Google Meet platform. Around 50-60 students participated in the session. This session was taken by Mrs. Pallavi Pawar. She is VESIT 1990 Instrumentation Graduate Alumni. The session started with Mrs. Kajal Jewani ma'am (Assistant Professor from CMPN Department) introducing Mrs. Pallavi Pawar to all the attendees.

The exercises or asanas were basic yet effective and the students were educated about the benefits of each asana that they practiced. It was appealed to the students to inculcate Yoga in their daily routine for its wholesome and salubrious effects on the body, mind, and soul.



Mrs. Pallavi Pawar helping the participants with a breathing exercise

### Invincia (18 November, 2020)

The VESIT STUDENT COUNCIL for the very first time introduced an on-line Mega event called 'INVINCIA '20', under which all the councils contributed their events. It was a five-day event from 18th of November 2020 to 22nd November 2020.

On the first day of Invincia i.e on 18th November, VESIT Sports Council in collaboration with VESIT Music Council had arranged a few events for faculty members in which faculty members



Students and Teachers posing after a fun event for faculty members

participated with full enthusiasm and they enjoyed it a lot. Following were the games that were arranged for them.

1. Selfie Game
2. Emoji Guess the Song
3. Antakshar

Other events conducted by Sports Council in Invincia were:-

### Football Freestyle

Football freestyle is the art of self-expression through juggling a football using any part of the body. It includes football tricks, acrobatics, etc to entertain the onlookers. It was a submission type event. Interested participants had to submit a video of 30 seconds performing tricks with a football. The best ones were selected to be uploaded on Invincia's Instagram page.



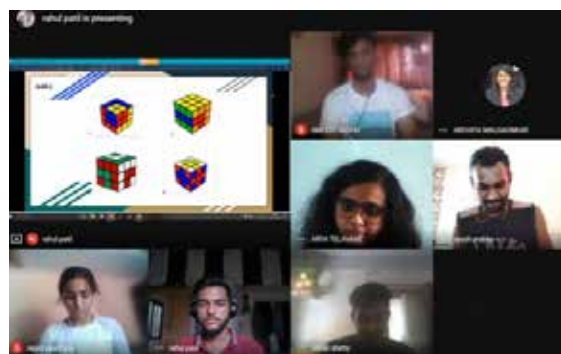
### Rubik's Cube

It consisted of three rounds, wherein round 1 they had to make two colours on the cube. Next in round 2, they had to make two patterns which were given by us on the cube. And, in the last round, the finalist had to solve the whole cube. In each of these rounds, the winning criteria were to solve the cube in less time.

**Amogh Prabhu (D16B) giving an amusing performance in football freestyle**

### 2048

In 2048 participants had to play 2 stages, in the first stage, they had to make as high a score as possible. In the second stage, they were asked to make 512 in the game twice within the time limit of 3 minutes.



**Participants solving the Rubik's Cube online**

### Guess It

'Guess It' was a quiz based on sports. It was held on 19th November 2020 at 3:30 pm on Google Meet. The event consisted of two rounds. The first round was "Guess The Player", a quiz on guessing the name of the player presented on the screen. The time limit was 1 minute for each player. Each player from the team was provided with an on-screen buzzer. As soon as the timer started a photo was displayed on the screen. The first



**Participants after playing the first round of 2048**

player to press the buzzer was given the chance to answer the question. The moment the buzzer is pressed the timer is paused and the same player was given the chance to guess the player.

The following round was “Guess The Moment” where short clips were shown. Each player was provided with a buzzer. The first player to press the buzzer was given a chance to answer the question. The one who answers maximum questions in the time allotted will win the round.



**Participants after playing the second round “Guess The Moment” of Guess It**

### Pictionary

The event was held on 19th November at 3:30 pm on Google Meet and the game was conducted on scribble.io.

Each room in Scribble held up to 10 participants. The game of Pictionary is to guess what the drawer who is drawing words from a list of cards. Once you guess correctly, you can advance across the game board and the first to reach the end wins. It is a team event where each team consisted of up to 2 members. The winning criteria was to score the maximum number of points.

### Cricket Ball Tapping

Participants had to tap the ball on the bat as many times as possible in a time limit of 1 minute. The participant with the most number of taps, wins!

### Football Juggling

Participants had to juggle the ball as many times as possible in a time limit of 1 minute. The participant with the maximum number of juggles, wins!



**Participants playing Pictionary on scribble.io**

### Badminton Wall Tapping

Participants had to tap the shuttlecock against the wall as many times as possible in a time limit of 1 minute. The participant with the most number of taps, wins!



### Fitness Session

A fitness session was scheduled for 10:30 am and conducted on Zoom Meetings. The session was being streamed live on Youtube for all interested participants. The participants were required to register them-



**Participants showcasing their cricket ball tapping skills**

selves through google forms. The event was hosted by Gargi Khanvilkar (D9A) and Adarsh Sawant (MCA2E). The fitness session was conducted by **Mr Saurav Mishra**. He is a Sohfit trainer and has specialised in weight lifting and functional training. The fitness session was followed by a Q&A session. Trainer Saurav Mishra was joined by **Mr Sohrab Kushrushahi** to make the session more interactive. Mr Sohrab Kushrushahi is a celebrity trainer. He enthusiastically answered each question asked by the audience during the Q&A session. He gave out some useful tips and tricks for the people interested to walk towards a fitter lifestyle.



**Mayur Jaisinghani (D7A) juggling the ball as the volunteers look on**

### Chess for Charity

To motivate students and to rivet more donors towards online fundraisers, 'Chess for Charity' was conducted. It was an online chess tournament calling all the smart brains of the college to compete with each other in a game of chess showing their skills whilst engaging our audience in a nail-biting battle. Aaryan Raina (D15) and Chinmay Waykole (D12C) were the hosts for this event. The event was conducted via Google Meet.



**Aditya Ajay Singh (D6) on his way to win the Badminton Wall Tapping event**

The game of chess was conducted on chess.com. Interested participants had to register individually. All the money was registered on a keto website which directly transferred the fund to the NGO - Kshamata.

### Valorant

Valorant was played between 16 teams, the type of tournament was single elimination as the teams fought against each other all the way up to the finals! And win the tournament!



### Sportify (7 February, 2021)

This year the sports council has started a series of 'SPORTIFY' in which we have interviewed our most dedicated, focused, active and energetic students of VESIT in the Sports sector. The first episode of Sportify was released on 7th February 2021 on the VESIT Sports' Instagram account.



**Q&A Session in progress with Mr. Saurav Mishra and Mr. Sohrab Kushrushahi**

## FE induction (9th to 12th February, 2021)

The Induction event was arranged for FE's to make them feel comfortable in a new environment, open them up among themselves as well as with their seniors. We conducted two events namely, Sports Hunt and Workout Session.

The Sports Hunt was divided into 8 stages. Every stage consisted of physical activity such as burpees, toe touches, pushups, etc along with a fun game such as guess the equipment, riddles, dumb charades, etc. Random students were put together forming teams of 8 and were distributed into separate Google Meet links where they were further guided by two moderators of the Sports team.



**The finalists Abhishek Chary (D10B) and Mayuresh Cholkar (D18)**

The Workout Session was conducted on 10th February. Around 60-70 FE's attended this session. The Workout Session consisted of 3 parts. First being warm-up, then 6 exercises such as Burpees, Lunges, Jumping jacks, Shoulder taps and Plank, Squats.



**Urja (15 March, 2021)**

**Nagesh's Team (team in Red) securing a win over Rahul Motwani's team (team in Blue) by the score of 13-3**

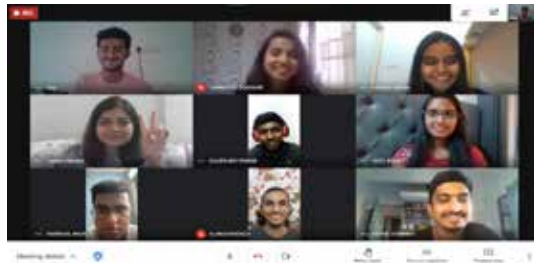
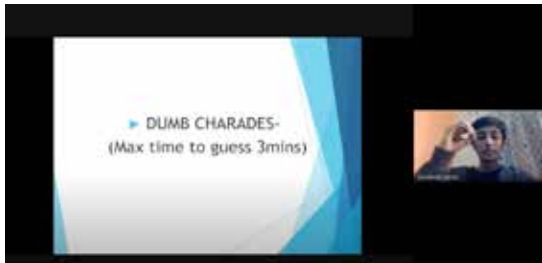
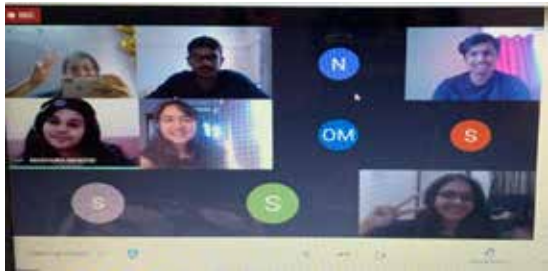
Urja is the upcoming online event of the Sports Council for the Juniors and Seniors. The event will be inaugurated on 15th March, 2021.

Games which are arranged for Juniors were Pre-match, Chess, Cricket ball tapping and football juggling, Valorant and COD Mobile

Games that are arranged for Seniors were Pre-match, Chess, Sports Hunt, Valorant and COD Mobile.



**Poster for Sportify**



**Snippets of the induction event carried out for the FEs by the Sports Council**

*Never think there is anything impossible for the soul. It is the greatest heresy to think so.*

– Swami Vivekananda



# Circle Reports

# VESLit Circle



VESLit as a whole had a very productive odd semester. We held quite a few events whose details are provided in the upcoming sections. Our initial focus was to increase our following on our social media page, for which we came up with many small interactive games. Another feature we started was the Tharaurus (*Tharoor Thesaurus*), or a word a week. This succeeded to some degree, but is still a work in progress.

## **Faculty In-Charge:**

**Dr. Pooja Kundu**, Assistant Professor, Dept of Humanities & Applied Sciences

**Dr. Sushil Dhuldhar**, Assistant Professor, Dept of Humanities & Applied Sciences

**Student Head** - C.V Ananya (D19B)

**Deputy Student Head** - Avinash Tripathy (D14B)

## **Debate Division**

Head - Adith Nair (D19B)

Deputy - Atharva Gadkari (D13)

Senior Member - Salonee Velonde (D12B)

Junior Members - Sneha Karthik (D7C)

Tanya Dubey (D9B)

## **Films Division**

Head - Aditya Bhoir (D11B)

Deputy - Varun Pillai (D11B)

Junior Members - Tarun Mishra (D7C)

Prithvi Kumar (D7A)

Aditya Bedekar (D6)

## **MUN Division**

Head - Shlok Jagushte (D11B)

Deputy - Arnab Saha (D14B)

Senior Member - Paridhi Harpalani (D12B)

Junior Members - Kaushal Jagasia (D7C)

Aishwarya Krishnamurthy (D7A)

Mihir Pamnani (D7C)

## **Quiz Division**

Head - Pranav Bindra (D19B)

Deputy - Rohan Ghosalkar(D12C)

Senior Members - Namrata Tolani (D12A)

Manoj Aiyappan (D12B)

Arnav Bagchi(D12C)

Junior Member - Krishik Rao (D9B)

We had two major sets of events, our pre-events and then Invincia, which was held under the banner of the Student Council. Apart from this we also conducted Sadbhawna Diwas and an event in collaboration with UBI. The Sadbhawna Diwas celebration included a poster making competition and essay competition. The winners for each are mentioned below-

Essay Writing Competition:

1st place- Sumit Jadhav (D9A)

2nd place- Isha Chawan (D9A)

Poster Making Competition:

1st place- Hruthika Pakhale (D8)

2nd place- Isha Chawan (D9A)

## FILMS DIVISION

Our first call to action came in the form of VESLit's intro videos. We worked hard to create unique and captivating videos to showcase each member and their role in VESLit. Credit where credit is due, Aditya Bhoir held most of the responsibility, in that he edited each video with painstaking effort and precision, while the remaining members supported him with photo edits. The end result was a set of introduction videos that were short, sweet, and unmatched by the other councils.

We held a meet, in order to discuss VESLit week and the events we would propose. After much deliberation, we settle on two online and two offline events. They were as follows:

- An event similar to Editor's Cut held last year with the following changes
- A song to be given as theme for the clip
- An alternate genre to be given for a film
- An Online Poster making competition
- A Script Writing competition which would provide alternate endings to popular movies
- A traditional Short Film competition where participants are encouraged to take up any other topic other than corruption

The last item on the agenda was an outreach program. Each division of VESLit would hold small-scale, social media based events, in order to gain publicity.



Poster for the B-Roll Face Off



Poster for Ad Venture

The Films division decided on a B-Roll competition, where each participant would produce a B-Roll video, with a maximum length of 30 seconds. This would allow the videos to be uploaded to Instagram Reels, which would make the participants more comfortable with the format.

Out of the numerous participants, we had a stand-out winner in Abhiram Phadnis (D6).

Soon after the social media events, it was decided that VESLit week would not take place in the odd semester. Instead, it would be held in the even semester, which was when we had hoped college would reopen.

The cultural council started preparations for a new event, Invincia, an all-encompassing mega event. The Films team had a few events planned, which were unfortunately already taken by the cultural council. Finally, we held an advertisement making competition: AD-Venture. Each team would have to make a 1 minute ad representing any one of ten brands supplied to them. This was our Invincia event, and suffice to say, it went off just as well as Invincia.

## MUN DIVISION

The VESLit Circle kick started the academic year with a bunch of fun events to rescue everyone from the quarantine boredom and mundane schedules of online college. Fresh with a new team comprising BEs, TEs and SEs, the VESLit Circle made the most by conducting a variety of events via virtual platforms. Accordingly, the Model United Nations (MUN) branch created quite a buzz amidst the audience by contributing with exciting politically (correct) events ranging from the introductory roulette to the ultimate Invincia blockbuster in collaboration under the banner of Student Council.

### MUN Roulette : (10th-11th October' 20 , Google Meet)

The MUN division carefully curated a quiz that would help students to understand the kind of topics that are generally discussed in a MUN or a Youth Parliament. The preliminary round was conducted in morning and afternoon sessions with the participants randomly divided into groups of four. The format for this round was MCQs followed by a pictorial round and was concluded with a rapid fire round. The three preliminary rounds were conducted by Mihir Pamnani (D7C), Kaushal Jagasia (D7C), Aishwarya Krishnamurthy (D7A) and Paridhi Harpilani (D12B).

The top eight scoring students qualified for the semifinals of the event. Staying true to the event name MUN Roulette, the semifinals and finals had a Gambling Round. Participants placed a bet with their points, if their answer was correct, then twice as many points were added to their total but in case of their answer being wrong the points were subtracted. The semi finals were also conducted in groups of four with VESLit Student Head C.V Ananya (D19A) and MUN Division Head Shlok Jagusthe



Poster for MUN Roulette

(D11B) conducting the rounds simultaneously. Lastly, the final gamble was between the top four participants which concluded after a series of twists and turns and Gaurav Govilkar (D8) emerged victorious with the whole session being live streamed via Google Meet.

### **Mock Chief Ministers' Meet (21st October' 20, Zoom Meeting)**

The VESLit Circle, in collaboration with the Union Bank of India, organized a Youth Parliament in light of the Vigilance Awareness Week. Keeping the theme for this year 'Vigilant India, Prosperous India' in mind, the MUN Division decided to simulate a Mock Chief Ministers' Meet with the agenda as India's Fight Against Corruption. The three-hour long event was streamed live on YouTube. UBI officials all across the country were a part of the event as they watched it live online.

The formal proceedings began with opening statements where participants presented their stance to their respective peers and helped establish their point of view on the agenda in hand. They were followed by a Formal session where the participants could state views on a sub-agenda, which they felt was the most relevant to the agenda. The participants also engaged in a question and answer session with each other. Soon after the Formal Session, Shlok Jagusthe (D11B) and Arnab Saha (D14B), who were the moderators for the event, guided the Committee to an Informal Session.

After an extensive round of formal and informal discussions which showed the depth of research that the participants had carried out, it was time for the Closing Statements. The participants put forward their concluding remarks, summarising the constructive points raised during the session and reiterating the important points with respect to Corruption.

Mr. Sanjeev Sahay and Mr. Umesh Kumar Singh from the Union Bank of India gave their closing remarks and announced the winners :-

Malavika Anoop (D14A) - Best Parliamentarian  
Rudrakshi Deshpande (D14A) - High Commendation  
Rajesh Muni (D6) - Special Mention

### **Invincia' 20 (18th-22th November' 20, Zoom Meeting)**



**Poster for Fandom Buzz**

The MUN Division conducted two events in Invincia' 20 namely - 'Fandom Buzz' in collaboration with Cultural Council on 19th November and 'Nirvana' in collaboration with SoRT Council on 20th November.

### **Fandom Buzz**

Fandom Buzz was a unique platform to explore, discuss and present the most hyped fandoms of all times with an unconventional MUN twist. The fandoms were assorted committees representing ten prominent members from each fandom discussing one mind-boggling agenda. The three-committee invitations were sent out for the wizards from Harry Potter, detectives from Brooklyn 99 and actors from Bollywood.



**Poster for Mock Chief Ministers' Meet**

“Should Harry Potter have destroyed the elder wand?” was the perplexing viewpoint thrown at wizards to contemplate. The agenda for B99 Committee was - Captain Madeline Wunch was seeking to downsize the 99th precinct in the NYPD, while the police force for the same precinct tried to put forward their case, to turn over Wunch’s evil motives. The ever-controversial Bollywood was to put their perspectives forward on the raging conversation around nepotism. All committees witnessed a banter-full discussion and concluded with a variety of hot takes around the introduced agendas.

The **winners** for the three committees were as follows :

Harry Potter Committee : (Moderator - Neeraj Patil (D11B))

1. Vineet Bhole (D6) - Albus Dumbledore
  2. Nihar Abhyankar (D20) - Dolores Umbridge
- Best Dressed: Sristi Sharma (D10B) - Hermione Granger

Brooklyn 99 Committee : (Moderator - Arnab Saha (D14B))

1. Bhuvana Raisinghani (D14A) - Gina Linetti
  2. Sahil Salian (D14B) - Captain Holt
- Best Dressed: Muskan Hassanandani (D7A) - Amy Santiago

Bollywood Committee : (Moderator - Shlok Jagauste (D11B))

1. Siddhi Bhosale (D7A) - Karan Johar
  2. Advait Bansode (D7B) - Alia Bhatt
- Best Dressed: Akshita Upadhyay (D7B) - Kangana Ranaut

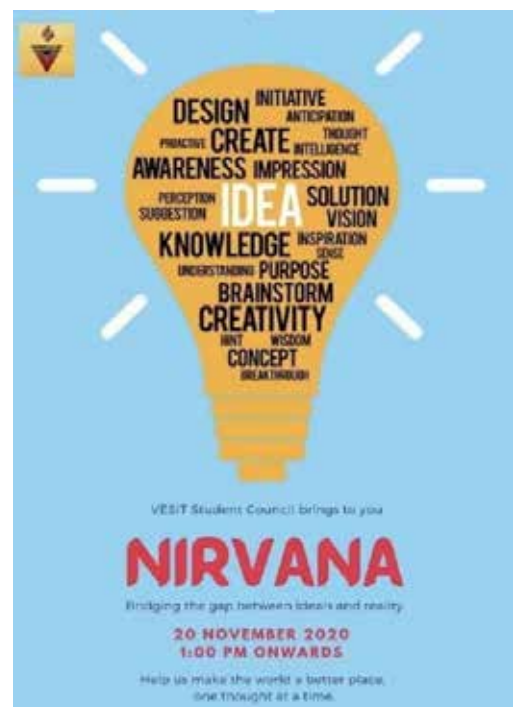
## Nirvana

To further the spirit of rational discourse, Nirvana’ was introduced - an event where young minds from our college were asked to narrow down any one social justice domain, research its most prominent problems, troubleshoot and offer viable solutions for the same in a five-minute presentation. The event was hosted by Mihir Pamnani (D7C) and Venkatesh Reddy (D10A). Topics ranging from LGBTQ+ Rights to Climate Change were all put on the table for participating teams to intrigue some thought-provoking conversations. The event was judged by Mrs Vinita Mishra (Assistant Professor at the Department of Information Technology) and Ms Vismaya Kulkarni, a clinical psychology graduate who works with a chain of NGOs for animal welfare and advocates for veganism.

The event began with a presentation providing an innovative insight to increase accessibility to primary education for rural India. Following each presentation, a two-minute session was organized inviting constructive scrutiny from the judges and other fellow teams. The teams were graded on for the efficiency of solutions, presentation skills and depth of research. Applauding the efforts made by the students, the judges concluded the event with few words of wisdom. Following that, Ananya Venugopal (D19A) delivered a vote of thanks and brought the event to a close.

Winners:

- Ninad Rao (D10A) and V Krishnasubramaniam (D10A)  
Hrutika Pakhale (D8) and Shikha Negi (D8)  
Sristi Sharma (D10B) and Adarsh Kadam (D10B)  
Daksh Ramchandani (D12C)  
Prasanna Sridharan (D10A) and Rahul Nailwal (D10A)



Poster for Nirvana

## VESLIT MUN DIVISION 2020-21 :

**MUN Head** - Shlok Jagauste (D11B)

**Deputy MUN Head** : Arnab Saha (D14B)

**Senior Member** : Paridhi Harpalini (D12B)

**Junior Members** : Aishwarya Krishnamurthy (D7A)

Mihir Pamnani (D7C)

Kaushal Jagasia (D7C)

## QUIZ DIVISION

The 2020-21 Odd Semester saw all events organized on an online platform due to the COVID-19 Pandemic. However this did not prevent the Council from conducting exciting events for the students of VESIT. The Quiz Department of the VESLIT Circle planned two main events for the Odd Semester.

The two main events were :

### IPL QUIZ 2020 ZOOMNISCIENT

These events were completely handled online without any physical interaction between the participants and the committee members.

#### IPL QUIZ 2020

The first initiative carried out by the VESLIT Quiz Department for the year 2020-21 was the IPL Quiz carried out in the month of October. This was a pre-event held on the 3rd and 4th of October. The IPL themed Quiz was full of questions revolving around legendary players, cricket stadiums and memorable matches in the history of IPL.

Since the college was closed due to the Covid-19 Pandemic, all the stages of the quiz were taken online using Google Meets.

The main rounds of the Quiz were :

Elimination Round

Semi - Finals

Grand Finale

All the rounds were conducted in the first weekend of October 2020. The quiz was open to all the students of V.E.S. Institute of Technology. The event saw a total participation of 156 students. This event was also the first event to be conducted by the VESIT Literature Circle.

#### Elimination Round

The elimination round was conducted on 3rd October, Saturday from 12:00 to 12:30 PM. Eliminations were conducted using the online Kahoot interface. Two sessions each of 78 students were carried out simultaneously. Top 25 students from each session qualified to the next round. The list of questions is given below.



**Image 1: Poster for the IPL Quiz**

All (14)		Difficult questions (6)		Search	
Question	Type	Correct/Incorrect			
1	Who is organising the IPL Quiz 2020?	Quiz		56%	
2	In which IPL team's logo would you see the 'Sudarshan Chakra'?	Quiz		42%	
3	What's the date of the first IPL match of 2020?	Quiz		60%	
4	Which IPL Team's Home Ground is Named After Former Prime Minister Rajiv Gandhi?	Quiz		42%	
5	In which year did Virat Kohli score all his IPL centuries?	Quiz		55%	
6	Who has the best strike rate in the IPL?	Quiz		55%	
7	Who was the most expensive auctioned player in the history of the IPL?	Quiz		22%	
8	How many Indians have won the Most Valuable Player Award?	Quiz		16%	
9	Where was the final venue for IPL in 2019?	Quiz		31%	
10	Which Player has the highest Batting Average in the IPL?	Quiz		5%	
11	Which team has the highest no of sixes in the IPL ?	Quiz		29%	
12	What is the total number of matches that will be played in the 2020 season?	Quiz		27%	
13	Which is the only player to score 37 runs in an over in IPL?	Quiz		55%	
14	Did you like the Quiz? :)	Quiz		71%	

**Image 2: List of questions for Eliminations**

### Semi-Finals

The 50 students who qualified from the Eliminations then moved to the Semi-Final round. This round was conducted on 3rd October, Sunday from 11:00 to 12:00 PM. The online quiz portal Sporcle was used for the same. This round consisted of 10 sessions of 5 players each. The Top 12 players qualified to the Grand Finale.

### Grand Finale

The Grand Finale was conducted on 3rd of October from 4:00 PM onwards. It was segregated into 3 distinct rounds:

Round 1 : Multiple Choice Questions

Round 2 : Guess the Player

Round 3 : Gambling Round

Top 8 players from MCQ round qualified to Round 2 and Top 4 from Round 2 entered the Gambling Round. The 4 players who entered the Gambling Round were Yogesh Inamdar(165), Anish Inamdar(165), Sarthak Thakur(150) and Vighnesh Verma(125). At this stage, the Finalists were each given an IPL team with 5 questions each. Every participant had to bet certain points from their earned before answering the question. Correct answer was awarded with double the betted points whereas a wrong answer led to deduction of the betted points.

The final tally was Sarthak leading with 250 points followed by Anish with 220 points. Vighnesh and Yogesh had 212 and 200 points respectively. Finally Sarthak Thakur was declared as the winner for the IPL Quiz 2020. This was followed by a short speech from Ananya Venugopal , Head of the VESLIT Circle and the event was brought to an end.

Winner - Sarthak Thakur (D12C)

## ZOOMNISCIENT

Invincia began with an enthralling quiz game namely 'Zoomniscient' wherein all quiz-enthusiasts were given a platform to compete. This was the second event carried out by the Quiz Department of VESLIT Circle in collaboration with the VESIT Student Council under Invincia. The game ran via a series of rounds where the team with the most considerable number of points at the end of all rounds was declared the winner.

Since the college was closed due to the Covid-19 Pandemic, all the stages of the quiz were taken online using Google Meets.

The main rounds of the Quiz were :

1. Elimination Round
2. Riddle Round
3. Scattergories
4. Guess the Personality
5. Marketing Event
6. Grand Finale
7. Elimination Round

The elimination round was conducted on Kahoot, an online platform to conduct live quizzes. The questions and options were being displayed on the screen and the participants had to select the colour corresponding to the correct answer. 5 points were allotted for each correct answer, according to which Top 20 Teams were selected in this round.

### **Riddle Round**

The Riddle round was played by the above selected 20 teams to compete for the Top 16 positions. Here the participants were provided with three riddles, the answers to which was the password to a protected PDF file. The PDF file consisted of a google meet link wherein the 16 teams to join first were selected.

### **Scattergories**

In the second round, the game of Scattergories was played by these top 16 teams. These teams had to fight for the Top 12 positions. This game consisted of two wheels, which spun to give a category and a letter respectively. The teams had to name as many words directly or indirectly related to the category starting with that letter in 30 secs. Each team played this round twice and were allotted points according to the number of words the teams were able to mention in the given time limit.

### **Guess the Personality**

Round 3 or Guess the Personality round: In this round, the top 12 teams were given one question in the beginning, the answer to which was a notable personality. The teams had to guess 2 personalities in total. 20 points were allotted if the team guessed it without any hints, 15 with one, 10 with two and 5 with three hints. Top 8 teams were selected based on cumulative scores from earlier rounds.

### **Marketing Event**

Round 4 consisted of a marketing event wherein the teams were given a product which had to be marketed as if it belonged to some other company. The teams were given 1 minute to pitch their idea to the judges after which points were allotted according to their pitch.

### **Grand Finale**

The final round was a rapid-fire round where the Top 4 teams were given +10 for every correct answer and -5 for an incorrect answer. The teams were made to choose one of the following domains: Sports, Music, Science and Technology, History and Indian advertising. Neeraj Patil (D11B) and Manas Maskar (D11B) mastered this event with a whopping 155 points and were declared as winners, followed closely by Shreeja Nanda (D12B) and Shreyas Udupa (D12B) with 151 points. "This was one of the most enthralling events

out of all the quiz events I had participated in earlier, as the competition was neck to neck. Round 4 was particularly very interesting as my team had to market a product 'airbag' by the company 'Lays', which challenged me and my teammate to come up with a pitch in just under 1 minute", said Shreeja Nanda (D12B).

### Winners

Rank 1 : Neeraj Patil (D11B) and Manas Maskar (D11B)

Rank 2 : Shreeja Nanda (D12B) and Shreyas Udupa (D12B)

Rank 3 : Aditya Gurnani (D12A) and Krish Amesur (D12A) tied with Shivani Shenai (D12B) and Kunal Kotkar (D12B)

### VESLIT QUIZ DEPARTMENT MEMBERS

1. Pranav Bindra (Quiz Department Head)
2. Rohan Ghosalkar (Sub-Head)
3. Namrata Tolani
4. Arnav Bagchi
5. Manoj Ayyapam
6. Krishsik Rao

### DEBATE DIVISION

Multiple meets , endless discussions and late night calls is the perfect to way to summarize the debate team's work this semester .This Semester we conducted 2 major events

#### Among Us Debate

The VESLit Debate Division came up with an innovative idea to kickstart their events for the new academic year. They planned to introduce debate with a touch of the currently trending game 'Among Us'. Since formal debates tend to scare some people, this event was aimed at providing such people with a platform to showcase their speaking and debating skills. The event was conducted via Google Meet on Sunday, the 18th of October.

The debate was conducted between two teams consisting of five members each. The participants had registered individually. They were split into two teams by the council members. The distribution of team members and the selection of the imposter in each team was done randomly. The topic of the debate was 'Is an audience necessary in sports?' The participants had been informed about the topic and the teams a day before the event. The teams were also informed whether they would be ruling for or against the motion.



**VESLit Debate Division and the participants posing after conclusion of the event**

Each team consisted of four crewmates and one imposter. The participant was informed about being an imposter just a few minutes before the event began. The task of the imposter was to kill maximum crewmates without being caught. The imposters had to use a specific word in their arguments to kill a crewmate. The words were chosen by the council members. Every time the imposters decided to kill someone, they had to give prior notification to the assigned council member through Whatsapp. Once the imposters used the given words, the council would declare the selected crewmate to be dead after ten seconds. The dead crewmates would switch off their camera and mute themselves. The task of the crewmates included providing convincing arguments and also to figure out the imposter.

After killing a crewmate, the imposter was restricted from killing another for the next 5 minutes. Each team was allowed to have 2 emergency meetings to figure out the imposter. The teams had 1 minute for each emergency meeting. The teams could either vote out a member or skip the vote in an emergency meeting. Two separate breakout rooms were created for the emergency meetings. Sneha Kartik (D7C) and Aditya Dubey (D10A) moderated one breakout room while Tanya Dubey (D9B) and Salonee Velonde (D12B) moderated the other.

All the participants were asked to join the meet by 4:30 pm. The council began by briefing the participants with the rules and regulations of the event. Before starting the debate, the teams were given 10 minutes to discuss among themselves in the separate breakout rooms. The debate commenced at 5:20 pm. The total duration of the debate was 30 minutes. Atharva Gadkari (D13) was the timekeeper for the event. The debate began with an introduction from both the teams followed by a rebuttal. Both the teams had to conclude their arguments in the last 1 minute.

Adith Nair (D19B), Debate Division Head, was the judge for the evening. The participants were awarded points based on their debating skills. Bonus points were awarded to the team which was successful in identifying the imposter. Both the teams presented excellent arguments. However, the 'For' Team identified the imposter in the second emergency meeting and hence were entitled to the bonus points.

The 'For' team was declared as the winning team after the final calculation of points. The winning team included Jasmine Sawra (D7C), Rajesh Muni (D6), Pooja Gopalprasad Gupta (D13), Saritha Ponnambalan Tharakan (D6) and Rakshit Deshmukh (D7A). Rakshit was the imposter in the 'Against' Team. The winners were declared on the Instagram story of VESLit's Instagram page. The winners will be rewarded with coupons and certificates.

### **The Invincia Debate**

This Debate was a Parliamentary debate that consisted of different rounds. The first round included a knockout round between 8 teams. The second round included 4 teams and then finals. The First round consisted of a parliamentary debate on various social issues. The debates were judged by Aditya Rao, Rahul Motwani, Adith Nair and was moderated by other members of the debate team

### **CONCLUSION**

This has been a report of our activities so far. In the upcoming semester, we have a few major plans which include the induction for the first year students and our own VESLit week. It has taken some adjusting to while transitioning online but we are trying to make the best out of it by tailoring our events to suit an online platform. Work will continue on our social media page as well where we want to create more content that is suited to both English enthusiasts and novices. We will submit a comprehensive report for the same at the end of the academic year.



**Poster for Invincia Debate**

# VESIT Photo Circle



**Council** – VESIT PhotoCircle

**Staff in-Charge** – Mr. Sunny Nahar

**Student in-charge** - Naren Khatwani

## Team Members –

B.E	T.E	S.E	MCA
Naren Khatwani	Chirag Kapoor	Abhishek Rane	Sushil Saindane
Aditya Bhoir	Gaurav Jagwani	Advait Kulhada	Siddhesh Tambe
Viraj Sapte	Muskaan Sharma	Paritosh Borkar	Suraj Singh
Sahil Rajpal	Ritika Raj	Shivam Singh	
Sahil Talreja	Omkar Rao	Tejas Mahajan	
Gaurav Parwani	Shubham Chaudhari	Vrushank Dhande	
Shraddha Shinde	Vedhas Kudtarkar		
Jai Mulani	Vishal Tulsani		
Tejas Doke	Sahil Kochar		
Jim Cheriyan	Kedar Deshpande		
	Rohit Ambesh		
	Saurav Telge		

“It is an illusion that photos are made with the camera... they are made with the eye, heart, and head.”  
-Henri Cartier-Bresson

Photography is the simultaneous recognition in a fraction of a second of the significance of an event. To photograph is to hold one's breath when all faculties converge to capture fleeting reality. It's at that precise moment that mastering an image becomes a great physical and intellectual joy.

Members of VESIT PhotoCircle are not selected solely on the basis of their photography skills. The other parameters that we look for in recruits are storytelling, interest in learning new skills, and passion for visual arts. The purpose of this club is to polish the photography skills of the students. Members are provided with hands-on training to capture fleeting moments of passion, competition, and joy to create memories that will be cached by the students forever.

Since there were no offline college events due to the circumstances created by the pandemic. VESIT PhotoCircle's official Instagram handle collaborated with VESIT Connect, Sports Council, Music Council, SoRT Council, Cultural Council, VesLit Circle, and VESIT Dance Crew to make Instagram reels highlighting some precious moments regarding the respective council. This activity turned out to be astonishing due to the nostalgic moments highlighted through the reels. Everyone relived the moments of events conducted before the lockdown.

We started a series of 'Basic Photography tips and tricks' posts on VESIT PhotoCircle's official Instagram handle that can help everyone to know more about photography in a comprehensive and intuitive approach with examples shown in the posts.

**The Basic Photography workshop:**

With the aim of helping students to learn, enhance and understand the ideology behind the art of expressing stories through pictures, we arranged a one-day online workshop on 'Basics of Photography' will be held where students will be able to gather knowledge about editing pictures in different applications.

The Basic Photography workshop was held on 20 February 2020 at 4.30 pm on Zoom Meetings. The workshop had 180 active participants who were very enthusiastic about learning new concepts about the respective domain and applying them in their day-to-day life.

The schedule of the workshop was as follows, with the concepts being covered by the respective Final year students and Third Year students:

- Introduction - Chirag Kapoor
- Manual mode in a camera - Naren Khatwani
- Exposure Triangle - Jai Mulani
- White Balance and HDR- Gaurav Parwani
- Composition Techniques- Gaurav Jagwani
- Composition Techniques continued - Chirag Kapoor
- Macro Photography- Aditya Bhoir
- Reflections - Tejas Doke
- Influencer Marketing - Sahil Talreja
- Conclusions- Gaurav Jagwani



**Members of VPC**



**Speakers and the organizers discussing the flow of the workshop before the start of the event.**

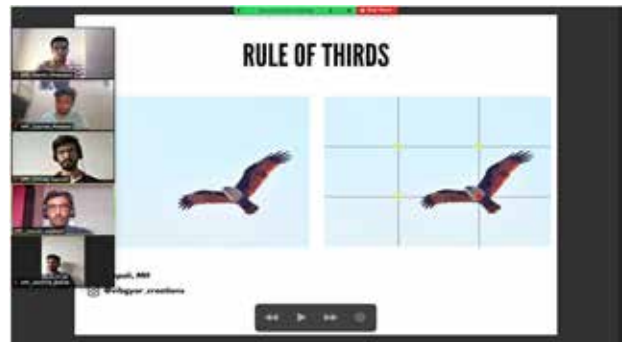
Question and Answer Session: All the speakers collectively answered the doubts of the participants.

Co-ordinators for the meeting and question and answer session were Viraj Sapte and Rohit Ambesh.

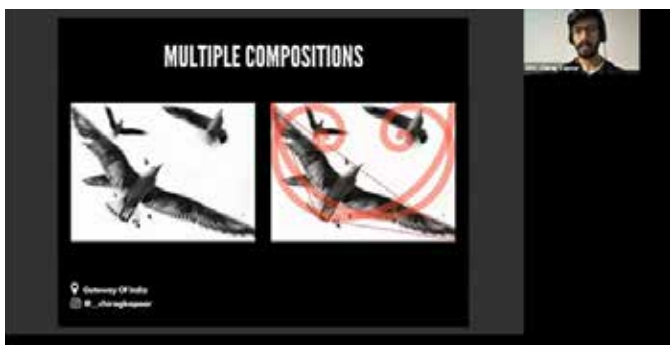
The QnA session was indeed fun and informative at the same time . We also provided them with resources like - links for various editing softwares, cheat sheets for acing the manual mode, and some tips that have been gained by the senior members over the past years covering college events.



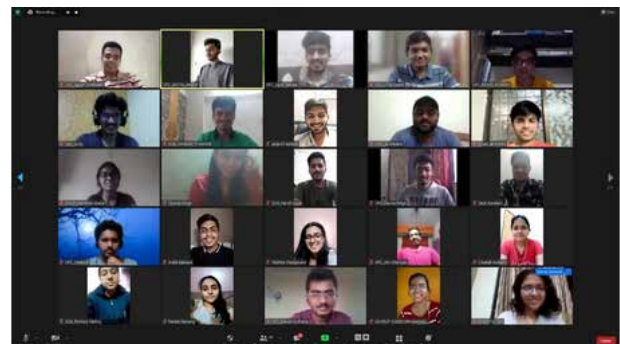
**Jai Mulani (D20) explains manual mode in a camera and how Astro Photography can be implemented with the help of the same.**



**Various Composition techniques are explained by Gaurav Jagwani (D14B) with the help of pictures clicked by the PhotoCircle members.**



**Chirag Kapoor (D14B) explains how one can use multiple composition techniques to capture an image.**



**A QnA session was conducted at the end of the workshop wherein all the participants' queries were answered by all the speakers collectively.**

*"There comes a time in every life when the past recedes and the future opens. It's that moment when you turn to face the unknown. Some will turn back to what they already know. Some will walk straight ahead into uncertainty. I can't tell you which one is right. But I can tell you which one is more fun."*

– Phil Knight, Founder of Nike

# VESLang Circle



**Staff in-charge:** Dr. Geeta Ajit

**Student head and coordinator:** Grusha Shetty (D11A)

<b>Senior deputy in-charge:</b>	<b>Junior deputy in-charge:</b>
Mohit Khiani (D17A)	Ishaan Sharma (D8)
Yugandhara Kadam (D13)	Simran Huddedar (D10A)
Sahil Amundkar (D11A)	Parag Coimbatore (D8)



## VESLang CIRCLE Members

The role of English language in career advancement is undeniable in this era of globalization. Undeniably, the English language proficiency may not be the only criterion for career development, but its importance in the corporate world, certainly cannot be overlooked. In the corporate world, English is the most regularly used language and the knowledge of English has become one of the most important employability skills. Sadly, many engineering graduates are found to lack proficiency in English, which in turn affects their career prospects. Engineering graduates are expected by the organizations to possess an immediate level of proficiency to carry out their responsibilities. In this globalised business environment, employees need to communicate with officials from different parts of the world. Activities like business presentations, online chat, emails require above average language skills to have a clear transfer of information to all participants. Command of English language is also required to improve job

performance and boost prospects of promotion.

Many students of VESIT have felt the need to improve their proficiency in English language as the time for placements draws near. Because of their inability to express their thoughts and views in English confidently, they fear that they would not be able to secure their dream job, despite having the requisite subject knowledge and exam score. They feared that they would be left behind in the race to find jobs in the dream companies that came to the institute to recruit fresh graduates. Thus there was a dire need for these students to find a source to build and work on this shortcoming.

The VESLang Circle was founded to address this void felt by students, A dedicated team of alumni with Dr Geeta Ajit came together in November 2020 and had many brainstorming sessions to formulate a course which would correspond to the needs of the students. After days of discussion, a six-week training program was designed to meet the basic requirement to be selected by a company for employment. Yash Keskar (Instrumentation, 2020) and Gayatri Belapurkar (Information Technology, 2020), Tarleen Dand (EXTC, 2017) worked closely with Dr Geeta Ajit to structure the program titled, 'Personal and Professional Achievement Program'. To get the ball rolling, a team of seven committed and enthusiastic student volunteers was formed, with Grusha Shetty (ETRX) as the Student in-charge and coordinator, under the guidance of Dr. Geeta Ajit. It was decided to hold two sessions per week; Monday and Thursday; wherein the alumni would conduct the discussion on Monday and the students' volunteer team viz the VESLang team would reinforce the skills on Thursday. It was Ishaan Sharma who came up with the name 'VESLang', which matched the goals envisioned by the team. Specific activities and exercises were devised



**Alumni speakers for P&PA program**

and implemented in every session that guided the attendees to enhance their skills. The P&PA program covered areas like public speaking, extempore, group discussions and personal interviews.

The VESLang logo, designed by Abhiram Phadnis (D6), accurately depicts the essence of the objective of VESLang, which is, to assist the students of VESIT to improve their linguistic and soft skills.

#### SESSIONS AND ACTIVITIES:

The P&PA program commenced on 15th February 2021 with its first session led by Padmaja Borwankar from Batch of 2020 Computer Engineering. The first session was 'breaking the ice' to get participants become acquainted with one another and feel comfortable. The session commenced with Padmaja asking the attendees about what they were expecting from this program after which she proceeded with the first activity for the session, wherein all the attendees were asked to talk about one happy memory in

their lives. After been given time to contemplate, the attendees were asked to first introduce themselves and subsequently share their happy memory with everyone. In the second activity the attendees were expected to ask the next person on the list a random question and the respondent was to give an elaborate/descriptive answer. The first session was a success, as by the end all the attendees got over their initial fear of public speaking. The second session was conducted by the team and Geeta ma'am. The team had arranged two exercises for the day, the first one being BOTS (Battle of thirty seconds). For this, the students were divided into three groups and one member from each group was to enter the competition in rotation. This activity helped the students to efficiently shape their thoughts. The second activity for the day was 'excuses Berwanger'. This was to help the students think creatively and convert their creativity into words. In this activity the attendees were given a sticky situation and they had to find an escape by giving a very convincing and creative excuses.

The third session of the program was directed by Gayatri Belapurkar from 2020 Batch of Information Technology department and Sonali Gaitonde from 2020 Batch of Instrumentation department. In the first exercise, the attendees were paired up and were expected to introduce each other. They were required to discuss with their partner, their inclinations, desires, and even make assumptions about them. The next exercise was more disposed towards improving their abilities of extemporaneous talking. The alumni had arranged a PPT presentation with a number of pictures and themes. Each participant was first given a theme and then was presented with a picture that they had to talk about while relating it to the given theme. This activity proved to be exceptionally engaging. This ensured that they could share their point of views without hesitating and thus boosted their confidence. The fourth session was arranged by the team and Geeta ma'am and the goal was to conduct some exercises that would assist them with their speaking skills. For the first activity, the students were given a set of fictional characters wherefrom they had to choose a pair and afterwards frame and narrate a story revolving around them. The second activity, 'danger word' was more of a fun activity. Apart from proving to be entertaining and engaging, this activity also required the students to think quickly and smartly. The fourth session was the last of the ice breakers and speaking exercises.

The fifth session was led by Anahita Goswami and Akshara Sarfare from 2020 Batch of EXTC Department. Their course of action was to acquaint the attendees to group discussions and its protocols. Subsequently, the attendees were divided into four groups for mock Group Discussions. Each group was assigned a topic and some time to reflect, after which they had to speak about it for 8 minutes. After each GD, Anahita, Akshara, and Geeta ma'am gave them some feedback and tips on how they can improve themselves. The students were told to remember the points so that they can apply them in the future sessions. The sixth session was conducted by the team. The main aim of this session was to conduct mock Group Discussions with the attendees to provide them with some insight into how they are regulated. It was found that the participants had worked on the suggestions given in the previous session. The team also made sure that there were no pending doubts or queries about group discussions. Geeta ma'am also helped the participants and pointed out areas for improvement. The entire session was dedicated to ensuring that all the participants are confident enough to be a part of various kinds of Group Discussions.

The seventh session was likewise directed by the team and Geeta ma'am and the arrangement for the day was to lead an interactive activity and hence we decided to attempt debates, however with some changes. The activity was that the team would give the participants a few assertions. The participants were relied upon to disclose to us whether they agreed or disagreed with the assertion, after which one of them was chosen and was expected to elaborate on their point of view. All the attendees were able to present their perspectives without any reluctance, which showed genuine difference in their confidence in public speaking. The team and Geeta ma'am directed the eighth session and the plan for the day was to lead an intriguing activity wherein the participants could connect themselves to real-world problems. This was pointed toward guaranteeing that every one of the participants was ready to communicate as well as tackle genuine issues in a productive way. The team had come up with some real-world case studies that required some action. The participants were expected to put themselves in the character's position and to find a way out of the problem. The team and Geeta ma'am witnessed high spirited debates and conversations among

the participants who were successful in thinking like their respective characters. This proved to be a very engaging and efficient way of forcing them to think hard and in a realistic way whilst putting their points in a persuading way.

The ninth session was led by VESIT alumnus Yash Keskar, Batch of 2020, Dept of Instrumentation. The session aimed to acquaint the attendees with personal interviews and their format and methodology. Yash was the ideal individual to lead this session as he had scored a perfect 100 percent in his XLRI competitive exam. Having acquired experience in interviews, he was able to furnish the participants with tips and tricks on the most proficient method to face interviews. He started by briefing the participants on what sort of questions they can expect during an interview and then continued to talk about how they were required to answer the same. After ensuring that all the attendees had a clear idea of how to answer questions in an interview, he answered all the queries and doubts during the Qand A round. The session concluded with the attendees asked to prepare a 1 minute long introduction, that would help them in their interviews. The tenth session was led by the team and Geeta ma'am. The goal of the session was to arrange mock interviews with the attendees with the aim that they could acquire some insight about personal interviews. the attendees were asked to introduce themselves after which one of the team members posed a pertinent question based on their respective introductions. The participants were then asked to tweak their introductions based on the feedback that they had received.

The eleventh session was led by two of the VESIT alumni Tarleen Dand from 2017 Batch of EXTC and L. Sowmyasree from 2017 Batch of Computer Science. Tarleen had joined the session from US, where he is currently studying for his MS . The alumni commenced the session by asking all the participants to introduce themselves after which Sowmyasree proceeded to ask them a follow-up question related to the same. The team saw immense progress and improvement in the members' abilities as the entirety of their answers were exact and viable. After the mock interviews the attendees were asked to present their queries about interviews that were then answered by Tarleen and Sowmyasree together. The last session was aimed at bringing together all the speaking skills that the attendees had acquired throughout the course of this program. The session was led by the team and Geeta Ajit ma'am and two activities were arranged for the same. The first one being a speech that each participant was given abundant time to prepare for. Once the participants began with their respective speeches, the team could notice that each one of them had improved and progressed in their unique way, for instance, some of them exhibited increased confidence while others had improved on their development of content. The second activity BOTS that was already conducted in the second session was to draw out a clear correlation in their talking abilities from the start to the furthest limit of the program.

The progress that every one of the participants had made since the start of the program was praiseworthy and it was evident that the entire program was productive and a very successful one.



**VESLang CIRCLE Members**



*Visit  
Connect*

# VESIT Connect



**Editor in Chief:** Dr. Geeta Ajit

**Faculty Incharge (Technical):** Mrs. Priya RL

**Student Editor:** Atharva Gupte

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Shruti Bondre

Sristi Kushwaha

Mansi Kasar

Kirti Patil

Vedant Sawant

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Aishwarya Sahoo

Sreevidya Iyer

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Mihir Pamnani

Sneha Karthik

Siddhi Bhosale

Palak Garg

Sristi Sharma

Manasi Nerurkar

Vaidyanathan Natarajan

VESIT Connect, the monthly newsletter of the institution, strives to keep the college connected by spanning a bridge of information of all the events and activities conducted in the college. The team aims to keep the students, staff, management and alumni informed about all the events taking place and the commendable accomplishments of those associated with the institute.

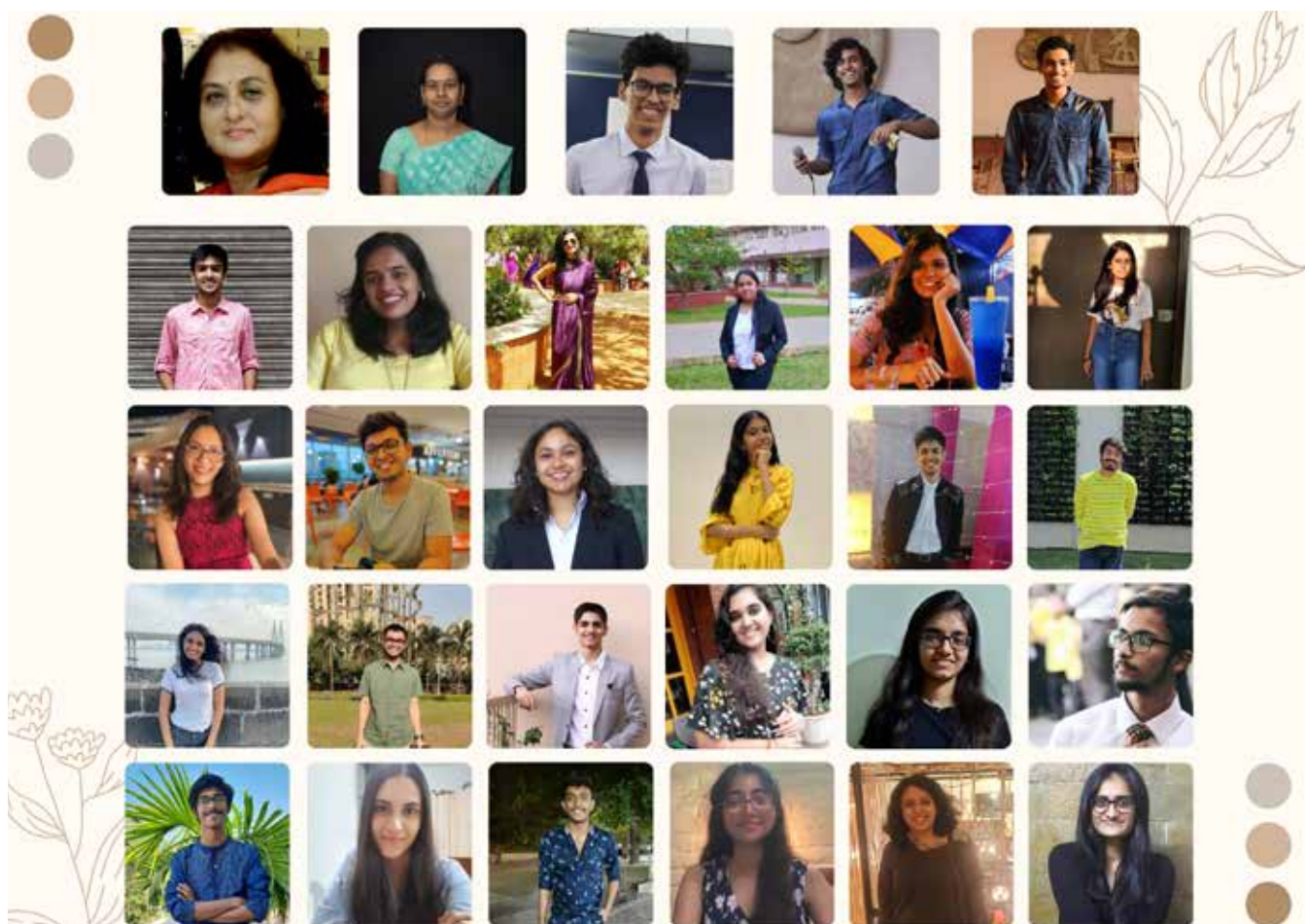
The incredibly talented team of 27 is headed by **Dr. Geeta Ajit**, Editor in Chief and **Mrs. Priya R. L.**, Faculty Technical Head. Atharva Gupte, Student Editor and Atique Kudchi, Student Technical Head lead an outstanding team of passionate writers and designers while ensuring that each and every event of the college is covered and made available to all the VESITians in the form of a monthly newsletter.

The newsletter covers the events of Technical Societies, Councils and Circles alike, and all Intra college and Intercollege participations and accolades brought by the students of the institution. 'VESIT Diaries' captures the reminiscences of our Alumni which is put forth in the form of an interview. The alumni, ranging from a vast variety of fields share their memories of the days in their alma mater, as they share tips and tricks to the readers on how to climb the ladders of corporate success. The newsletter also features an experience-sharing section where students, as well as teachers, talk about their online semester experience, and our very own

cleaning staff shares their experience of working during the pandemic this year. The 'Musings and Expressions' section of the newsletter showcases various articles, poems, sketches, paintings, etc. sent in by students and staff of the college. It grants the talented and creative minds of the VESIT a platform to display their extraordinary creations, views, etc.

This year VESIT Connect was able to increase its reach by connecting digitally through social media platforms. It also created its LinkedIn and Twitter account to promote the newsletter and to increase the readership. In the initial days of the pandemic, Connect started a brand new series called #ConnectRecomends on Instagram, in the month of March where it recommended books, tv shows, movies, podcasts, etc to curb the boredom of the audience. In September, Connect did its popular #TalktoConnect campaign where they talk to all the newly elected heads of the student bodies of VESIT, giving students a glimpse into their Secretary responsibilities and behind-the-scenes of the council events. This year #TalktoConnect also talked to all the newly elected technical society heads of VESIT in January, providing students with a brief peek into how a society works and its online events. Apart from this, VESIT Connect also releases all the monthly newsletter issues on all the social media platforms i.e. Instagram, Twitter, LinkedIn and Discord.

Stepping into its sixth year of existence, VESIT Connect is proud to have gained immense popularity amongst the students and alumni alike and has expanded its reach exponentially during the online academic year. With the new year, the team has dedicated itself to assiduous reporting with a renewed sense of vigor and motivation to deliver crisp content efficiently and quickly.



**The VESIT Connect team**



Other  
Events

# Scientia '20

The Department of Humanities and Applied Sciences announced its first edition of the online quiz contest - 'SCIENTIA 2020'. The brain-stimulating contest had its exclusivity specially held for the F.E. 2019-20 batch. The competition was divided into three thrilling levels that tested the participant's all-round skills.

The contest was coordinated by the quiz masters Dr. Barnali Saha (Assistant Professor, Department of Master of Computer Application) and Mr. Vijay Shejwalkar (Assistant professor, Department of Humanities and Applied Sciences) under the guidance of Mr. Vivek Umrikar (Head of the Department, Department of Humanities and Applied Sciences).

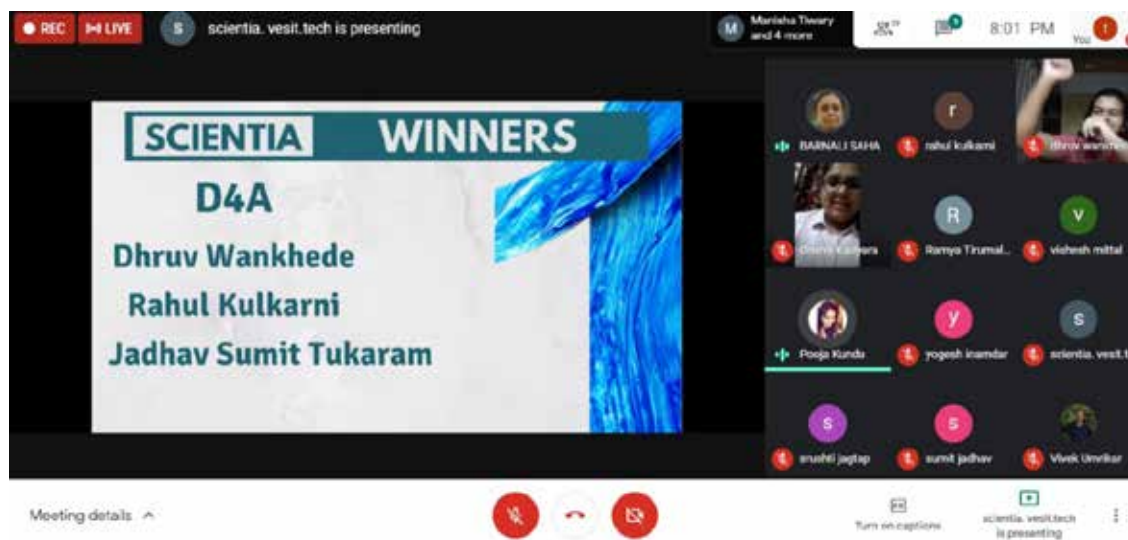
## Level 1

The first level was an open-to-all round wherein any student from the F.E. 2019-20 batch could participate. The syllabi panned across subjects from Semester 1 and 2, current events and the upcoming technology.

Level 1 was conducted online on July 25, 2020. This round was conducted via Google forms and consisted of 30 questions and a time limit being 30 minutes. The time constraint was a deciding factor in this round. Those that managed to stitch in time, emerged with flying colours. The winners were announced shortly.

## Level 2

Round 2 for the contest was scheduled on July 28, 2020. The 3 students selected from each class had to work as a team. In this round, team spirit was the key! A Google document was shared with every team wherein they had to fill the answers. The answer sheets were prudently monitored by the organizers. The questions involved topics ranging from basic engineering mathematics, physics, chemistry to general knowledge and IoT based systems.



**Dhruv Wankhede(D4A)(top right corner) celebrating as winners are announced**

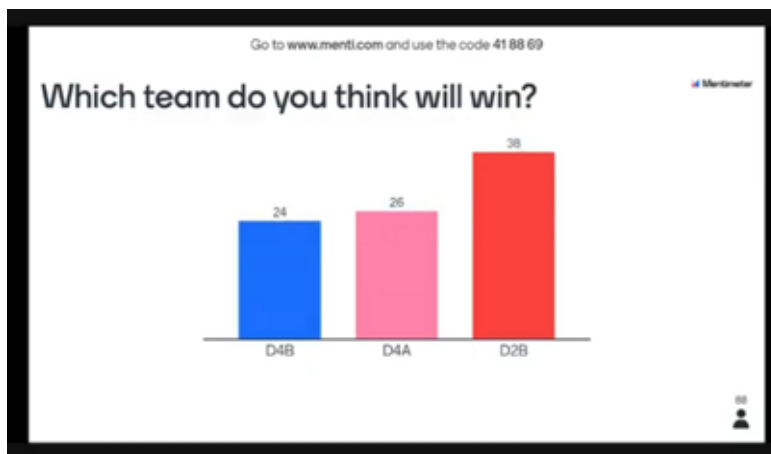
## Level 3

Level 3 was a gala event which was hosted by Dr. Pooja Kundu (Assistant Professor, Department of Humanities and Applied Sciences) was conducted on August 1, 2020. The live streaming of the event began exactly at 5 pm. The event began with a melodious Vandana to the lord of wisdom, Ganesha, sung by Rijushree Saha. Mr. Vivek Umrikar (Head of Department, Department of Humanities and Applied Sciences) in his speech aptly quoted, "Science and General Knowledge are Indispensable".

The top 3 teams from the previous round braced themselves for the series of multiple engaging and en-

thrilling rounds. The third level had six rounds in total. Each round was unique and had its own distinctive modus operandi. The finale rounds were strictly moderated by the members of the Exam Panel, Dr. Manisha Tiwary (Assistant Professor, Department of Humanities and Applied Sciences) and Mrs. Ramya T (Assistant Professor, Department of Humanities and Applied Sciences).

After the concluding round was done, the quiz masters entertained the online audience with some mind-boggling music tunes until the results were being calculated. Interestingly, a poll was conducted wherein the audience were asked to guess the winning team.



**Poll conducted by the organizers to guess the winners**

Scientia organizing committee:

The technical team that included Yash Bhise (D4) and Ameya Padwad (D4) did an amazing job of conducting the event without any technical hindrances. Mr. Mahesh Singh (Assistant Professor, Department of Humanities and Applied Sciences) designed the poster for the contest. Mrs. Ramya T (Assistant Professor, Department of Humanities and Applied Sciences) designed the certificates for the event.

The Resource Team included:

Dr. Barnali Saha, (Assistant Professor, Department of Master of Computer Application)  
Mr. Vijay Shejwalkar, (Assistant Professor, Department of Humanities and Applied Sciences),  
Mrs. Ramya T, (Assistant Professor, Department of Humanities and Applied Sciences),  
Dr. Manisha Tiwary, (Assistant Professor, Department of Humanities and Applied Sciences),  
Dr. Maya Bhat, (Assistant Professor, Department of Humanities and Applied Sciences),  
Mr. Mahesh Singh, (Assistant Professor, Department of Humanities and Applied Sciences).

The exuberance of the science and celebration of knowledge was the concluding note of the evening.



**Finalist Yogesh Inamdar (D4B) presenting his answer to the quiz masters**



**Finalist Tanya Dube (D4B) calculating the answers during the Scientia Finale**



**Finalist Rahul Kulkarni (D4A) engaging in a healthy debate during the quiz**



**Finalist Drishti Katiyara (D2B) analysing the questions**



**Mr. Vivek Umrikar(HOD,Department of Humanities and Applied Science) as he speaks to the finalists and gives them best wishes for the finale**



**Participants and Organizers during the Scientia 2020 finale**

# V-Reach'20

**V-Reach 2020 : An Alumni Engagement Initiative** of VESIT was conducted through its inception series of 21 webinars, from 22 June to 12 July 2020 under the guidance of Internal Quality Assurance Cell (IQAC) In Association with Institution Innovation Council (IIC) coordinated and conducted by all departments. The webinars were streamed on VESIT-YouTube channel

Especially during the unprecedented times of COVID-19 pandemic and looking at the lockdown situation, V-REACH tried to unlock the Teaching Learning in an innovative way through its objectives of:

1. Providing a forum for a series of webinars covering various domains of learning and support outcome based education.
2. Enabling knowledge and expertise sharing of alumni for professional development of students.
3. Actively engaging the stakeholders to expand VESIT's outreach.
4. Fostering relationships with alumni effectively and employing their flair, ardor, knack and contributions to constructive ends for VESIT and its students.

The series commenced with inaugural note from honorable Principal, Dr. (Mrs.) J. M. Nair where she assured students that even during the lockdown period VESIT is focussed not only towards academics but also towards building skills through online quizzes, competitions, workshops and internships.

Major part of knowledge building is listening to VESIT's seniors and learning from their experiences. Students can learn about "how to start on your own" from successful entrepreneurs. She emphasised that students need to keep learning to fight lockdown situation by learning to live with SMS: *Sanitizer, Mask and Social distancing* to remain safe.

She concluded her note by congratulating all the team members of V- Reach and also thanked the alumni who agreed readily to spare their valuable time for participating in this program.

The inauguration note was followed by the Keynote from the Vice - Principal, Dr. (Mrs.) M. Vijayalakshmi. She emphasised the need for webinars for guidance on preparing for better placements, higher studies and career guidance, research and innovations, entrepreneurship development and new trends in technology.

Following is the list of webinars conducted giving brief information about the theme, content abstract and the alumni detail

## V-Reach Sessions

Session 1	
Title	Cracking it : Competitive Exams.
Description	Get to the next level of expertise and acquire a little bit of motivation to keep you going.
Speakers	1. Ms. Mahak Pancholi (MTech (Pursuing), IISc-Bengaluru) - CMPN 2017 2. Mr. Nestor Lobo (Qualcomm, CA) - ETRX 2016 3. Mr. Ajinkya Padwad (Qualcomm, CA) - ETRX 2016

Date & Time	Monday, 22 June '20, 5.00-6.30 P.M.
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Session 2	
Title	Rise of Fintech in Era of Programmable Network
Description	The rise and software-driven transformation of Fintech have been remarkably aided by cloudification and mobile penetration at every level. Please attend this session to gain insights into how 5G Apps and Blockchain are all going to accelerate this further.
Speakers	Mr. Subodh Gajare (Cisco, Bengaluru) - CMPN 1992
Date & Time	Tuesday, 23rd June '20, 5.00-6.30 P.M.

Session 3	
Title	Warriors of light : the untold saga of Indian soldiers
Description	Real heroes, guardian of frontiers, service before self, entry points into armed forces, immense devotion, dedication and discipline, elite forces MARCOS, GARUD, PARA.
Speakers	<ol style="list-style-type: none"> <li>1. Mr. Kaustubh Thakare (Elite Forces) - CMPN 2010</li> <li>2. Sqn. Ldr. Suraj Nair (Helicopter Pilot, IAF) - CMPN 2010</li> <li>3. Sub. Lt. Ganesh Godamgave (Indian Navy) - EXTTC2018</li> <li>4. Vignesh Verma (Indian Navy Selected) - CMPN</li> </ol>
Date & Time	Wednesday, 24 June '20, 5.00 - 6.30 P.M.

Session 4	
Title	Opportunities for Women in Technology : Research,Entrepreneurships, Armed Forces
Description	An inspirational webinar to learn about the forthcoming opportunities for women in technology, entrepreneurship and defense services from our very alumni championing in these respective fields. Please join us!
Speakers	<ol style="list-style-type: none"> <li>1. Ms. Ishita Chakraborty (Yale School of Management,USA) - CMPN 2010</li> <li>2. Ms. Deepika Singh (MCPD, Dept IT &amp; PR, GoM) -CMPN 2016</li> <li>3. Sqn. Ldr. Aishwarya Joshi (Indian Air Force) - ETRX2011</li> </ol>

Date & Time	Thursday, 25th June '20, 5.00-6.30 P.M.
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Session 5
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Title	Design Thinking
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Description	Start Up's, Innovation using Design Thinking and IntellectualProperty
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Speakers	Dr. Hemang Shah (Qualcomm, India) - EXTC 2002
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Date & Time	Friday, 26 June '20, 5.00-6.30 P.M.
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Session 6
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Title	Placement / Career Guidance
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Description	<ol style="list-style-type: none"> <li>1. Giving overview of software industry like different roles, designation</li> <li>2. How to prepare for interviews</li> <li>3. Productivity and Life Hacks</li> <li>4. Important Skills</li> </ol>
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Speakers	Mr. Suyash Gogte (VMware, Pune) - MCA 2009
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Date & Time	Saturday, 27 June '20, 5.00-6.30 P.M.
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Session 7
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Title	Opportunities in Core Electronics Industry
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Description	Get an insight into availability of various jobs and learning opportunities in the core electronics field
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Speakers	<ol style="list-style-type: none"> <li>1. Mr. Rachit Pradhan (Ion Technology Inc) - ETRX 2018</li> <li>2. Mr. Omkar Tulaskar (Ion Technology Inc) - ETRX 2019</li> </ol>
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Date & Time	Sunday, 28 June '20, 5.00-6.30 P.M.
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Session 8
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Title	Acing the professional interaction in a virtual world
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Description	Social distancing norms pose an additional challenge to jobseekers. So, enhance your communicative acumen and get
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	better equipped in this increasingly virtual world to conquer online interviews and group discussions
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Speakers	Ms. L. Sowmyashree (IIM, Shillong) - CMPN 2017
Date & Time	Monday, 29 June '20, 5.00-6.30 P.M.

Session 9	
Title	Sustainable Business and Strategy of Selling Brands
Description	Building your Business in a sustainable fashion using responsible Tech Practices. The Science Behind Managing Global Brands.
Speakers	<ol style="list-style-type: none"> <li>1. Mr. Hari V Krishnan (PropertyGuru Group, Singapore) -EXTC 1999</li> <li>2. Mr. Narayanan S (Coca-Cola India Pvt. Ltd) - EXTC2008</li> </ol>
Date & Time	Tuesday, 30 June '20, 5.00-6.30 P.M.

Session 10	
Title	Research and 101 Software Roles
Description	Normalizing Career Change and Future of Research. SoftwareCompanies, Types of Roles, Opportunities and Skill Sets
Speakers	<ol style="list-style-type: none"> <li>1. Dr. Aravind Kailas (Volvo Group, CA) - EXTC 2002</li> <li>2. Mr. Rishi Hemdev (SAP Labs India Pvt. Ltd) - EXTC2015</li> </ol>
Date & Time	Wednesday, 01 July '20, 5.00-6.30 P.M.

Session 11	
Title	Beyond Service Industry, Technical Aspects
Description	Role of service industry in the Growth of India. Alternate path to service industry in India. Government support to non-service industries. Rise of Startup India
Speakers	Mr. Chirag Tank ( Founder, Daten & Wissen ) - INFT2014
Date & Time	Thursday, 02 July '20, 5.00-6.30 P.M.

Session 12	
Title	Nurturing Professional Relationships
Description	“Why Fit in when you can stand out.” Hone your entrepreneurial and negotiation skills, strategic conflict and stress management, self - determination and self - esteem, flexibility and adaptability
Speakers	Mr. Aakash Karnani (Founder, Aakash Holidays) -EXTC 2016
Date & Time	Friday, 03 July '20, 5.00-6.30 P.M.

Session 13	
Title	IT for Finance and Banking Sector
Description	Mr. Amit has been a crucial role player in designing and implementation of a digital omni-channel transformation program to improve customer experience and engagement.
Speakers	Mr. Amit Wagh (K.P.M.G) - INST 1991
Date & Time	Saturday, 04 July '20, 5.00-6.30 P.M.

Session 14	
Title	How to reach the Big 4 : Amazon, Facebook, Google,Microsoft
Description	At the forefront of every technological breakthrough are giants like Amazon, Facebook, Google and Microsoft. It is the dream of every person in the IT sector to be at the core of the change that these firms bring. But how do you reach that top level? Well, what better way to find out than from people who have done it themselves.
Speakers	<ol style="list-style-type: none"> <li>1. Ms. Pragya Pande (Amazon, US) - CMPN 2009</li> <li>2. Ms. Mamal Poladia (Netflix I Ex-Facebook, US) - CMPN2010</li> <li>3. Ms. Manali Chanchlani (Google, US) - CMPN 2012</li> <li>4. Mr. Bhavik Vora (Microsoft, US) - CMPN 2008</li> </ol>
Date & Time	Sunday, 05 July '20, 5.00-6.30 P.M.

Session 15	
Title	Database Services on Cloud
Description	<ol style="list-style-type: none"> <li>1. How to Host the application on Cloud</li> <li>2. Explore the options of Databases</li> <li>3. Installing DBMS on VM to host the services</li> </ol>
Speakers	Mr. Gourav Salanke (IMS Learning Resources Pvt Ltd) -MCA 2009
Date & Time	Monday, 06 July '20, 5.00-6.30 P.M.

Session 16	
Title	Containers and Dockers in Cloud
Description	<ol style="list-style-type: none"> <li>1. Industry trends like the shift from monolithic to micro services architecture</li> <li>2. The rise of DevOps, and the adoption of containerization have changes the way the enterprises develop</li> </ol>
	Manage and deploy the application. Will be walking through the basics of containers and dockers and its usage in cloud
Speakers	Mr. Prabhanath Nair (General Mills) - MCA 2017
Date & Time	Tuesday, 07 July '20, 5.00-6.30 P.M.

Session 17	
Title	Atmanirbhar Bharat: Entrepreneurship, Make in India
Description	Ever wondered about starting your own company or following the PM's notion of 'Aatmanirbhar'
Speakers	<ol style="list-style-type: none"> <li>1. Samir Shah (INST-1991) Yashi Management Solutions, India</li> <li>2. Ajeet Khurana (CMPN-1991) Freelancer Entrepreneur and Angel Investor</li> <li>3. Pratik Gupta (EXTC-2013) ALAX OPTOENTERPRISES, India</li> <li>4. Nishant Shetty (ETRX-2016) Cloudesign, India</li> <li>5. Sandeep Rathi (INST-1991)</li> </ol>
Date & Time	Wednesday, 08 July '20, 5.00-6.30 P.M.

Session 18	
Title	“Blockchain: Industry Perspective”
Description	
Speakers	Mr.Prasad Kulkarni(INST - 1991) National Head voiceand Global Data Business Reliance communications Ltd
Date & Time	Thursday, 9 July '20, 5.00-6.30 P.M.

Session 20	
Title	MS, M-Tech or MBA?
Description	Considering whether to do Masters or MBA abroad? Worriedabout se- curing a place in one of the top universities?
Speakers	Mr. Anvay Agte (INFT-2015) DUBLIN, IRELAND MS inManagement Trinity Business School
Date & Time	Friday, 10 July '20, 5.00-6.30 P.M.

Session 21	
Title	Risk Analysis and Beyond Failure
Description	“When you take risks, you learn that there will be times when you succeed and there will be times when you fail, and both are equally important.” Come out of comfort zone and keep trying. Everyone has a unique talent.
Speakers	Mr. Mayank Kothari (INFT-2010) ATTO INFOTECH LLPCEO & Found- er
Date & Time	Saturday, 11 July '20, 5.00-6.30 P.M.

Session 22	
Title	Career Guidance
Description	Find out what difference the right career guidance can maketo your life. Learn it from the real experts who keep up withand anticipate the chang- ing world
Speakers	<ol style="list-style-type: none"> <li>1. Anand Ramaswamy (Program Manager - Bolo : Google)- ETRX 2006</li> <li>2. Saurabh Gandhi (Technical Services Manager -AnyVision)</li> </ol>
Date & Time	Sunday, 12 July '20, 5.00-6.30 P.M.

**The Team that conceptualized and executed the V- Reach event :**

**V-REACH Convener**

Dr. (Mrs.) Nupur Giri

**Faculty Alumni Coordinator :**

Dr. Manoj Sabnis Prof. Abhay Kshirsagar Dr. Pooja Kundu Dr. Ramesh Solanki Prof. Dashrath Mane Prof. Nandini Ammanagi Prof. Indu Dokare Prof. Prasad Godse Prof. Abhishek Chaudhary

**VESIT Website Team:**

Prof. Pooja Shetty Prof. Priya R. L. Prof. Sunny Nahar Anish Vaidya Chetas Shinde Vinit Motwani Mohit Thorat

**VESIT Graphic Team:**

Prof. Richard Joseph Sahil Rajpal Naren Khatwani Atique Kudchi

**VESIT Digital Team:**

Prof. Sunny Nahar Prof. Sukanya Roychowdhury Prof. Rupali Hande VishalBhandari

**Student Coordinators:**

Shivam Gupta, Pronoy Mondal, Anish Jha, Viraj Sapte, Neeraj Patil, Nikita Patil ,Amey Sonje, Yogesh Tembe, Sparsh Prabhakar, Prithvi Amin, Hemkesh Raina, Shivam Singh, Sreekesh Iyer, C.V Ananya, Adith Nair, Atharava Gupte, Aashirwad Bedekar, Isha Bhonge, Anusha Krishnan, Jitendra Sahoo, Rohan Kumbhare, Yamini Agarwal, Sushil Saindane, Sneha Karthik, Anushka Kulkarni, Yash Bishe, Ameya Padwad , Tanya Dube, Raj Jadhav, Trisha Gaur, Sudipa Majumdar, Arnav Bagchi, Amit Chhabria, Rohan Ghosalkar, Rohit Pradeep Pandey , Jinang Dignesh Vora, Premkishor Navin Jha , Abhinav Handoo, Muskan Chelwani , Siddhant Pai, Saurav Jeswani , Shripad Joshi , Pranav Purushan , Suhas Kamat

*"All the negative thoughts and ideas that are in the world have proceeded from this evil spirit of fear."*

– Swami Vivekananda



# V-REACH '20 ALUMNI SPEAKERS



Mr. Ajinkya Padwad  
Qualcomm, CA  
ETRX 2016



Mr. Nestor Lobo  
Qualcomm, CA  
ETRX 2016



Ms. Mahak Pancholi  
MTEch (Pursuing), IISc-Bengaluru  
CMPN 2017



Mr. Subodh Gajare  
Cisco, Bengaluru  
CMPN 1992



Mr. Kaustubh Thakare  
Elite Forces  
CMPN 2010



Sqn. Ldr. Suraj Nair  
Helicopter Pilot, IAF  
CMPN 2010



Mr. Mayank Khothari  
Atto Infotech LLP  
INFT 2010



Sub. Lt. Ganesh Godamgave  
Indian Navy  
ETXC 2018



Ms. Ishita Chakraborty  
Yale School of Management, USA  
CMPN 2010



Ms. Deepika Singh  
MCPD, Dept IT & PR, GoM  
CMPN 2016



Sqn. Ldr. Aishwarya Joshi  
Indian Air Force  
ETRX 2011



Dr. Hemang Shah  
Qualcomm, India  
ETXC 2002



Mr. Suyash Gogte  
VMware, Pune  
MCA 2009



Mr. Rachit Pradhan  
Ion Technology Inc.  
ETRX 2018



Mr. Omkar Tulaskar  
Ion Technology Inc.  
ETRX 2019



Ms. L. Sowmyashree  
IIM, Shillong  
CMPN 2017



Mr. Hari V Krishnan  
PropertyGuru Group, Singapore  
ETXC 1999



Mr. Narayanan S.  
Coca-Cola India Pvt. Ltd  
ETXC 2008



Dr. Aravind Kailas  
Volvo Group, CA  
ETXC 2002



Mr. Rishi Hemdev  
SAP Labs India Pvt. Ltd.  
ETXC 2015



Mr. Chirag Tank  
Founder, Daten & Wissen  
INFT 2014



Mr. Aakash Karnani  
Founder, Aakash Holidays  
ETXC 2016



Mr. Amit Wagh  
K.P.M.G  
INST 1991



Ms. Pragya Pande  
Amazon, US  
CMPN 2009



Ms. Mamal Poladia  
Netflix | Ex-Facebook, US  
CMPN 2010



Ms. Manali Chanchlani  
Google, US  
CMPN 2012



Mr. Bhavik Vora  
Microsoft, US  
CMPN 2008



Mr. Gourav Salanke  
IMS Learning Resources Pvt Ltd.  
MCA 2009



Mr. Prabhanath Nair  
General Mills  
MCA 2017



Mr. Nishant Shetty  
CLOUDESIGN  
ETRX 2017



Mr. Ajeet Khurana  
Freelancer  
CMPN 1991



Mr. Sameer Shah  
Yashi Management Solutions  
INST 1991



Mr. Pratik Gupta  
TEKNOLITE  
ETXC 2013



Mr. Prasad Kulkarni  
Alax Opto Enterprises  
INST 1991



Mr. Anvay Agte  
Trinity Business School, Dublin, Ireland  
INST 2015



Mr. Anand Ramaswamy  
Google  
ETRX 2006



Mr. Saurabh Gandhi  
AnyVision Inc.  
ETRX 2006

# Project Swechchha

On 18th December 2020, **Project Swechchha** was launched and a ceremony was conducted for the same. Project Swechchha is a “Public-Private-User Participatory Model” proposed for monitoring of Operation and Maintenance of Public Toilets. Project Swechchha is conducted by the Department of Information Technology of VESIT with **Municipal Corporation of Greater Mumbai** as a knowledge partner. The CSR- Financial Partner is **Star Union Dai-ichi Life Insurance Co. Ltd. (SUD Life)** who proposed to provide financial assistance of Rupees 24 lakhs for the project VESIT-IT Swechchha.

The objective of project Swechchha is to develop a system/mechanism which will help in collecting as well as upgrading the dynamic field and user data/information in a collaborative way between MCGM, CBOs and the users of CTs and PTs. The tools/mechanism are an IT-based solution - Web Portal and Mobile App.

The project will be routed through 4 Phases:

**Phase-1:** Data gathering (User, CT and PT) in the Physical form and verification of the same.

**Phase-2:** Digitization of the data/Feeding the data to the system

**Phase-3:** Training for the stakeholders

**Phase-4:** Data Analytics, report generation, hand-holding and support

The host of the event was **Mrs Vinita Mishra**, Assistant Professor, Department of Information Technology. The guests of the ceremony were **Mr Gnana William**: Chief Internal Auditor of SUD Life Insurance Company Limited and Trustee of SUD Life Foundation, **Mr Abhay Tiwari**: Chief Actuary and Joint President of SUD Life Insurance Company Limited, **Mr Rakesh Kumar**: Company Secretary of SUD Life Insurance Company Limited and Managing Trustee of SUD Life Foundation, **Mr Rajesh Mourya**: Manager, CSR, SUD Life Insurance Company Limited, **Mr Anand Jagtap**, Ex MCGM - OSD Slum Sanitation Program, Advisor - Project Swechchha, he has worked for the last 23 years in informal human settlements as well as **Dr. (Mrs.) J.M Nair**, Principal-VESIT, **Dr. (Mrs.) Vijayalakshmi**, Vice Principal VESIT and **Dr. (Mrs.) Shalu Chopra**, Head of Department of Information Technology.

**Members of Team Swechchha :** **Dr. (Mrs.) Vijayalakshmi** (Vice Principal VESIT), **Dr. Shanta Sondur** (Professor, Department of Information Technology), **Mr Amit Singh** (Assistant Professor, Department of Information Technology), **Mrs Pooja Shetty** (Assistant Professor, Department of Information Technology) and **Mrs. Vinita Mishra** (Assistant Professor, Department of Information Technology)



**Members of Team Swechchha. (L-R) Dr. (Mrs.) Vijayalakshmi (Vice Principal VESIT), Dr. Shanta Sondur (Professor, Department of Information Technology) Mr Amit Singh (Assistant Professor, Department of Information Technology) Mrs. Pooja Shetty (Assistant Professor, Department of Information Technology) and Mrs. Vinita Mishra (Assistant Professor, Department of Information Technology)**



**Project Swechcha Receiving Financial Assistance from CSR Financial Partner Star Union Dai-Ichi Life Insurance Company Limited.  
L-R Mr. Gnana William, Chief Internal Audit**



**MOU Signing Ceremony**



**L-R: Mr Rajesh Mourya: Manager, CSR, SUD Life Insurance Company Limited, Mr Anand Jagtap, Ex MCGM - OSD Slum Sanitation Program, Advisor - Project Swechchha, Mr Gnana William Chief Internal Auditor of SUD Life Insurance Company Limited Trustee of SUD Life Foundation, Mr Rakesh Kumar, Company Secretary of SUD Life Insurance Company Limited and Managing Trustee of SUD Life Foundation, Mr. Abhay Tiwari, Chief Actuary and Joint President of SUD Life Insurance Limited, Dr.(Mrs) J. M. Nair (Principal-VESIT), Dr. (Mrs.)Vijayalakshmi (Vice Principal-VESIT), Mr. Amit Singh (Assistant Professor Department Of Information Technology), Dr Shanta Sondur (Professor, Department Of Information Technology), Dr Shalu Chopra (HOD , Department of Information Technology ) Mrs. Pooja Shetty (Assistant Professor Department Of Information Technology) and Mrs Vinita Mishra (Assistant Professor Department Of Information Technology)**

*“Tell your body that it is strong, tell your mind that it is strong, and have unbounded faith and hope in yourself.”*

- Swami Vivekananda

# VESIT Alumni Association Handed Out Free Laptops

Owing to the current pandemic situation, schools and colleges have advanced to the online platforms to avoid any backlog in academics. Students have been having online lectures, lab sessions and examinations this semester. Attending the online lectures are comfortable, however virtual lab sessions and online examinations were challenging as many students did not possess desktops or laptops.

**VESIT Alumni Association** observed that online academics are here to stay and provisioning resources for online operations forms the need of the hour. In order to support the students of VESIT in the dire situation, VESIT Alumni Association (VESITAA) decided to provide laptops to a select few needy students (one student from each department). This decision of short listing the student was taken after consultation with the respective department HODs and the scholarship team of VESIT.

Overall 14 laptops were distributed of which six (06) laptops were provided by VESITAA to one student of each department respectively, one (01) laptop was donated by **Mr. Gautam Murlidhar**, alumni IT department, two laptops(02) were given by **Mr. Vijay Talreja**, alumni Computer department while five (05) laptops were given by **Mr. Niraj Gunde** alumni, Instrumentation department.

The laptop distribution took place in VESIT premises on Wednesday, the 11th of November 2020, at 11:30 am, room no 208. The laptops were handed over to the students by the Vice Principal **Dr. M. Vijayalakshmi** and President of VESIT Alumni Association **Mr. Vijay Talreja**. The entire program was coordinated by the Treasurer and Jt. Treasurer of the Alumni Association **Dr. Manoj Sabnis** and **Dr. Gresha Bhatia**.



**The Alumni Association handed out a free laptop to one student from each department**

# FDP by ETRX Department

The first online Faculty Development Program (FDP) was organized and conducted by the Electronics Engineering Department in association with VESIT-IIC from 25th May to 30th May 2020. This consisted of six webinars with the theme “Opportunities and Challenges in Electronics and Allied Industries in India post-COVID 19”. Each webinar, hosted by faculty from the Electronics Department, featured a professional who spoke and gave presentations on their field of specialization which was relevant to the theme.

The FDP had 1700+ registrations from all around India, and all the registered attendees were added to a Telegram group to ensure maximum communication and transparency. The seminars were streamed live from the VESIT ETRX YouTube channel at 10:30 AM sharp on their respective days and were available to watch for a period of 24 hours each. The audience had the liberty to ask the speakers any doubts/questions they had regarding the topic, as well as offer their suggestions and reviews. Registered viewers were also encouraged to fill feedback forms after every seminar. Listed below are the names of the speakers and their specialized topics which they presented on:

In order of live streams:

- 1) Mr. Subhash Rao Mallya: Opportunities and Threats for Engineers in the post-COVID World”
- 2) Dr. Swapnil Kale: Current trends in IT Industry & Trends in Telecom / Electronics Industry
- 3) Mr. C. V. Prasad Rao: Performance of Power Sector post-COVID 19
- 4) Mr. Vedant Rathi: Future of Electronics Engineering in Solar & E-Mobility Sector
- 5) Mr. Anurag Chugh: Challenges for Scaling up Fixed Wireless in Unlicensed Spectrum
- 6) Mr. Raj Bhat: Emerging Business Models in the post-COVID 19 world

The Principal, Dr. Mrs. J. M. Nair and Vice Principal Dr. Mrs. Vijayalakshmi also joined to express gratitude to the speakers for dedicating their time and effort to give the FDP unmatched value for each and every attendee!

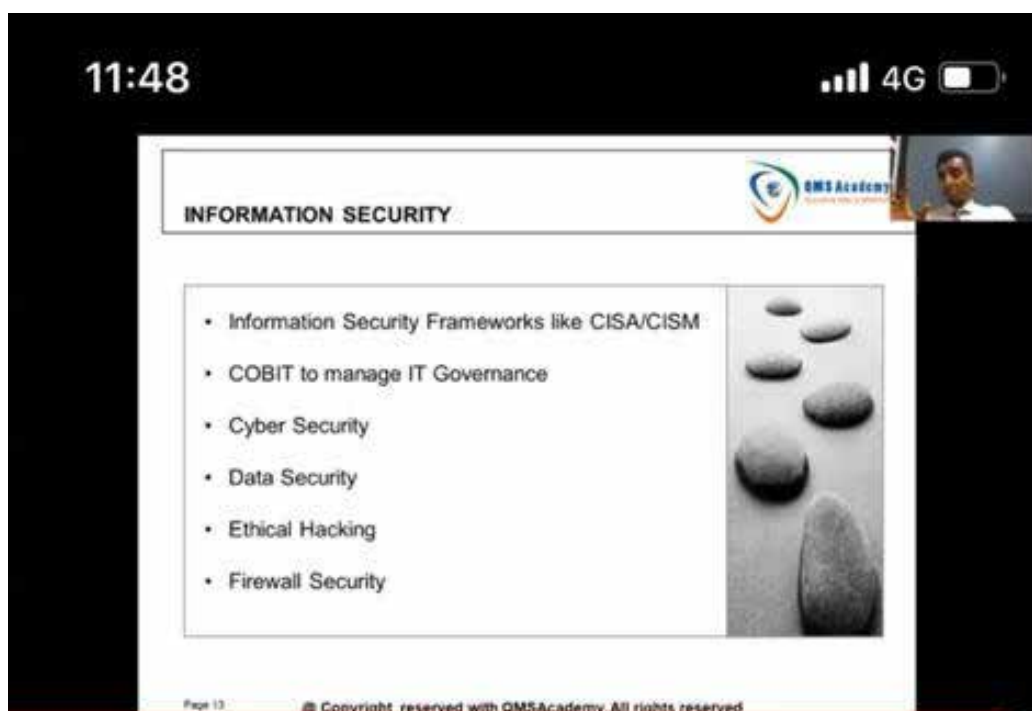
The overall feedback received for the seminar was very positive, from the attendees as well as other VESIT faculties. The FDP Team extends its heartfelt thanks to everyone involved in organizing it, as well as the speakers for their cooperation, enthusiasm, and the viewers who gave their full support to the efforts put forth by the team.



**Left to Right and Top to Bottom: Kavita Tewari, Naveeta Kant, Dr. Rajani Mangala, Dr. Asawari Dudwarkar, Yogesh Pandit, Abhay Kshirsagar, Jayamala Adsul, Abhishek Chaudhari, Sarika Kuhikar, Dr. Rakhi Jadhav, Dipti Karani, Amrita Jhaveri, Anushree Prabhu, Nikita Ramrakhiani, Abhijeet Shete, Kavita Rathi**



Left to Right and Top to Bottom\_ Yogesh Tembe, Umedsingh Rathod , Jim Cheriyan, Atique Kudchi, Viraj Sapte, Tanmay Kothale, Amogh Gajare, Suyash Joglekar , Vignesh Joshi



The FDP session in progress on Youtube

# e-Pradarshini 2020

The Department of Computer Engineering in association with VESIT-IIC organized *e-Pradarshini 2020*, from 1st to the 30th of June. *e-Pradarshani* is an online platform for exhibiting projects by the Computer Engineering department. The main objective of *e-Pradarshini* is to create awareness about recent trends in computer science, demonstrate the work done by the Department in the area of specialization and promote a culture of innovative thinking among students. Through this online portal, the Department proudly displayed its 114 projects that have led to more than 90 research publications in International Journals and Conferences of repute and around 36 awards in various competitions. All of this is highlighted in the Department's annual booklet *Prakalp* which is a summarization of these projects and forms the core of the efforts put in by the faculty and students as a team towards innovation and research.

The webinars for e-Pradarshini gave students a deep insight and knowledge on how to develop a successful project. A Github Training workshop was arranged by the technical team to ensure all the projects are included as GitHub Jenkins CI / CD pipeline and industry-ready. The workshop helped the students get comfortable navigating basic Github workflows.

The major areas in which the Computer department specializes include

1. AI, Machine Learning and deep learning
2. Data warehousing and Big data analytics
3. IoT and Robotics
4. Image Processing and Multimedia
5. Networking and Security (BlockChain)
6. High-Performance Computing
7. Cloud Computing

Each area of specialization was thoroughly explained to the students by a panel of domain experts and all queries and concerns were addressed by the panel. A plethora of innovative projects on the e-Pradarshini portal has helped students in choosing their respective domain of interest.



The E Pradarshini Website

# e-Disha

VESIT's Department of Information Technology brought to students the perfect event to prepare them for their professional lives. Organised in association with VESIT-IQAC and IIC, e-Disha aimed to give direction to students for a successful professional life. The event started on 15th July 2020 and wrapped up on 30th July 2020. The event was held smoothly under the supervision of the coordinators Mrs Charusheela Nehete, Mrs Asma Parveen I. Siddavatam, Mrs Pooja Shetty and Ms Sukanya Roychowdhury.

## Webinar 1: Placement / Job Search Preparation

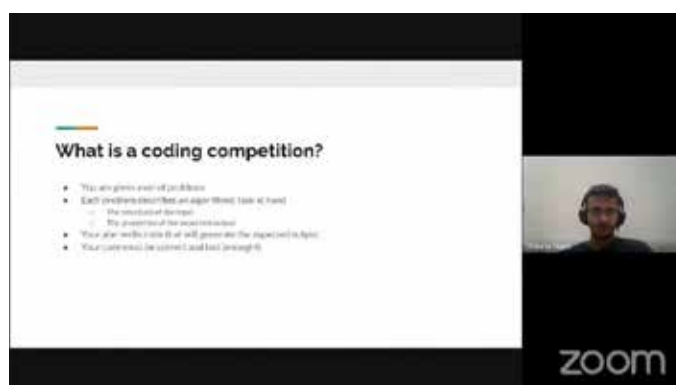
The first webinar of the two-week technical event was conducted on Wednesday, the 15th of July, at 5 PM. The speaker for the webinar was VESIT alumni Ms Nidhi Pankaj Shah (INFT - Batch of 2016). Ms Nidhi has completed an M.S. in Computer Science and is currently working as a Software Developer at Amazon Web Services. Gayatri Belapurkar (INFT - Batch of 2020) was the moderator for this webinar.



Getting tips on job search from Ms Nidhi Shah (L),  
Gayatri Belapurkar (R)

## Webinar 2: Competitive Programming @How to Handle?

The second webinar of the series was conducted on Thursday, the 16th of July, at 5 PM. Anirudh Iyer (INFT - Batch of 2020) filled the role of the webinar moderator. The speaker for the day was Mr Shaurya Gupta, currently working as a Haskell Consultant at Juspay. Previously an intern at Google, D.E Shaw and Juspay, he has also represented India at the ACM International Collegiate Programming Contest World Finals in 2018 and 2019.



Learning competitive coding with Mr Shaurya  
Gupta

### **Webinar 3: Building Scalable Cloud Services using Docker**

The third webinar of this online event was conducted on Friday, the 17th of July, at 5 PM. The speaker for the day was Ms Sangeetha Krishnan (CMPN - Batch of 2013), the second VESIT alumni to feature in e-Disha. She is currently working as a Computer Scientist at Adobe.

### **Webinar 4: Human-Centered Design Research for Technology in Health**

The fourth webinar was conducted on Monday, the 20th of July. The proceedings were led by Ms Arpita Bhattacharya (CMPN - Batch of 2013), an alumnus of VESIT. Currently a PhD student at the University of Washington, she holds an M.S. in Computer Science. This webinar aimed at introducing the audience about the application of human-centred design in developing technologies for the healthcare sector.

### **Webinar 5: Recommendation Systems using AI**

On the 21st July, the fifth webinar of e-Disha was streamed on the VESIT YouTube channel. The speaker for the day was the fourth VESIT alumni of e-Disha, Mr Vishal Israni (INFT - Batch of 2019), a Software Engineer working at J.P Morgan Chase and Co. Anirudh Iyer was the assigned moderator for this webinar.



**Discussing recommendation systems and AI with Mr Vishal Israni (R) Anirudh Venkatesh (L)**

### **Webinar 6: Professional Career Opportunities after BE**

The first half of e-Disha came to a close on the 22nd of July. The final webinar of this series was conducted at 11 AM by Mr Maneesh Jha. Mr Maneesh is currently the Director of SQUAD Infotech Pvt LTD, partnering with the Government of India through the National Skill Development Corporation.



**Mrs. Smita Jangale (Deputy Head of Department of Information Technology, VESIT) giving the valedictory speech to conclude eDisha**

# Pratibimb 2020

The event was initiated to help the Class of 2020 gain some knowledge from the endeavours of the MCA alumni of our institute. Six speakers employed in varied career prospects were invited to share their word of experience with the students.

Mr. Dharmang Vora recalls how directing students' efforts with respect to the placement perspective aided him immensely in his learning stature.. As of today, with more than nine years of experience in application delivery in Data Warehousing and Business Intelligence, he works in the financial services sector in Japan. Mr. Nitin Deb recalls one of the lessons from his college days that served as the statement for his application to pursue a second Master's degree from the University of Maryland, Baltimore with a major in Information Systems. Currently, he is working as a Business Intelligence Engineer at AmeriHome Mortgage, LLC, and continues to do better every day. For Ms. Tanvi Kadam, the all-inclusive environment and programs indeed supported all the candidates to grow exponentially. Today, with the experience of five years in UI Development, Ms. Kadam works as an Associate at Nomura.

Mr. BalaKrishnan .V, an Associate Senior Developer at Nomura, explained how the MCA years helped him grow, not only career prospect wise but whole as a person. Mr. Karthik Iyenagar, working as a Software Engineer at a financial services firm named Klanara in Germany, thinks back on how the updated curriculum of MCA days such as soft computing and system architecture aided him in acing at industry real services with ease. He explained how an MCD degree increases the stakes for credibility and how it helped him secure projects abroad. He also remembers how the technical societies and cultural council activities kept him engrossed and always lent a space of freedom to explore his talents. Mr. Minhaj Shaikh recalls how all the well-equipped lab sessions to an overall supportive learning environment, VESIT played a crucial role in the advancement of his comprehension skills. He found "FriendsCampus.com" - a startup for the development of coaching networks on a mission to provide personalized education to students everywhere.

The three-year course of Masters of Computer Applications has contributed immensely to molding the careers of many students dynamically. And the testimony to the aforementioned is the vivid endeavors of all the speakers which were certainly very insightful and can guide one on making plans for their future ventures efficiently.



**Speakers of the event, L to R & Top to Bottom: Mr. Dharmang Vora, Mr. Nitin Deb, Ms. Tanvi Kadam, Mr. BalaKrishnan .V, Mr. Minhaj Shaikh, Mr. Karthik Iyenagar**

# Unnat Bharat Abhiyan



VESIT adopted a cluster of 5 villages namely as (1) Gargaon (2) Apti, (3) Asnas, (4) Ambiste Kh. and (5) Amgaon in Wada Taluka, District Thane

## Faculty Incharges:

<i>Sr No</i>	<i>Name</i>	<i>Responsibilities</i>
1	<i>Mrs Manisha Joshi</i>	<i>Co-ordinator</i>
2	<i>Dr.Gresha Bhatia</i>	<i>Faculty Member</i>
3	<i>Mrs.Indu Dokare</i>	<i>Faculty Member</i>
4	<i>Dr.C.D.Rawat</i>	<i>Faculty Member</i>
5	<i>Dr.Saylee Gharge</i>	<i>Faculty Member</i>
5	<i>Dr.Manoj Sabnis</i>	<i>Faculty Member</i>
6	<i>Mr.Abhay Kshirsagar</i>	<i>Faculty Member</i>
7	<i>Mr.Yogesh Pandit</i>	<i>Faculty Member</i>
8	<i>Mr.Gopal Krishnan</i>	<i>Faculty Member</i>
9	<i>Mr.Kader Shaikh</i>	<i>Faculty Member</i>
10	<i>Dr.Shivkumar Goyal</i>	<i>Faculty Member</i>
11	<i>Dr.Pooja Kundu</i>	<i>Faculty Member</i>
12	<i>Dr.Sushil Dhuldhhar</i>	<i>Faculty Member</i>

Faculty team:12

Student Team: 40 students

## Action plan

- UBA Cell or committee as per the interest (12 Faculties and 40 Students) is formed
- Team visited 5 villages with proper discussion with Village people.
- Awareness program is conducted about UBA in every village.
- Report on every visit is created and send to IIT Delhi.
- Team tried to find out feasible solution for every problem of village.
- Activities like plantation, cloth bags distribution are carried out.
- Workshop like women's health(sanitation) is conducted.
- During the village visit, the students spread awareness about harmful effect of plastic and hygiene and various other important parameters.



**Visit to Gargaon Village**



**Visit to Apti village**



**Visit to Ambiste Kh.**



**Visit to Asnas**



**Visit to Aamgaon**

**Grant received:**

Total grant received is of Rs.50,000 for survey of 5 villages in year 2019-2020.

**Technology development proposals:**

4 Proposals are being sent to the Ministry for funding on Technology interventions based on the problems identified in villages in year 2020-2021. The funding amount proposed for executing the project is Rs. 1 Lakh per proposal.

- Installing Sanitary Pad Dispensing and Disposing Machines (Amgaon Village).
- e-Learning (Dabhon, Gram Panchayat-Gargaon)
- Surya Sakshamta: Pragati Ka Sulabh Marg (Ambiste Kh. Village)
- This proposal is processed by SEG and waiting at CI.
- Bio Toilet: An Ecological Initiative (Aapti Village)

# Women's Day Celebration

Women's Day is celebrated on 8 March every year. This year's campaign theme for International Women's Day 2021 is 'Choose To Challenge'. A challenging world is an alert world and from challenge comes change. The Women Development Cell, Institution's Innovation Council(IIC) and Internal Quality Assurance Cell, Vivekanand Education Society's Institute of Technology, Chembur, Mumbai organized a special program to commemorate International Women's Day on 20th March, 2021, Saturday between 2 p.m. and 5 p.m. Three women achievers were invited to talk about their growth, strengths, hunger to achieve, achievements and wonderful experiences - in other words their success stories on the occasion of this beautiful day to celebrate women. The three empowered women who graced the occasion with their thoughtful and enlightening talks were:-

1. Ms. Shanti Raghavan- EnableIndia – Founder – (also alumna of VESIT)
2. Ms Suprabha Marathe - Chief Engineer - Coastal Road Project, (MCGM)
3. Ms Usha Rajendiran - Director - Charles Schwab

The convener of the event was Dr.Rajani Mangala and Dr. Maya Bhat coordinated it. It was hosted by Ms. Vinita Mishra and Ms. Nusrat.

Ms. Usha Rajendiran was the first speaker who is working as Director in Product Mgmt of Charles Schwab. She is an alumna of VESIT B.E(computer science) batch 2002-2006. She completed her Masters of Business Administration from University of California, Davis Graduate school of Management. She has worked with firms like Motif investing, TIBCO Software Morgan Stanley, Lehman Brothers and many more. She is passionate about creating products that simplify our lives. Her specialties include Customer & Competitive Research, Product Strategy, Roadmap planning, Agile Development of Web and Mobile applications. She told three stories related to her academic and professional life which was truly inspiring and motivating.

Ms. Suprabha Marathe was the next speaker. Ms. Suprabha Marathe is currently working as- Chief Engineer - Coastal Road Project and looking after Public Grievances, Coordination with Govt. and Fishermen Compensation Policy, MCGM. She has completed her B.E in Civil Engineering from VJTI, M.E in Structure from VJTI. Apart from this she has also done PG Diploma in Valuation and Real Estate Management and Sustainable Environment Management. Ms. Suprabha Marathe is working with MCGM since 1987. She is a special part of Brimstowad (Brihanmumbai storm water drain) team, Mumbai SWD(Storm water drain) system, technical associate of Chitale committee who studied deluge 2005. She has also worked with RWH (Rain water harvesting) for 11 years, has 16 books, 50+ papers and 150+ lectures to her credit. She has headed Ashray Yojna cell to provide housing for conservancy staff and came up with works for 1000+ workers. She also initiated and led a slum sanitation project and made tenders for 22744 toilet seats, the biggest work in the country in this sector which will keep Mumbai open defecation free. Ms. Suprabha Marathe also headed the Environment Department of MCGM as well and has introduced a proposal for Mithi river flood control by Vihar lake, monitoring back pumping water from vihar lake to bhandup complex, the most novel idea. She shared her valuable experiences from her workplace.

Ms. Shanti Raghavan is an alumna of VESIT. She holds a bachelor's degree in Electronics Engineering (B.E) from V.E.S.I.T, Mumbai University and Master's degree (M.S) in Computer Science from Monmouth University, New Jersey, USA. She has 12 years of experience in the software industry. At New Jersey USA she worked with AT&T, Lucent Technologies and ADP Brokerage Information Services Group. After she returned to India in 1997, she worked with CyberCash India Pvt. Ltd, Tarang Technologies and GE Aircraft Engines IT, as Program Manager / Engineering Manager. She also has teaching experience, having worked

as a lecturer at V.E.S.I.T, Mumbai for an year and teaching assistant at Monmouth University for two years. She has been teaching part time for over six years. She has many honours and awards to her credit. Her speech was about her passion with which she enlightened all the audience.. She told many inspiring stories about her work experiences of how she inspired differently abled persons and enabled them to earn their livelihood. The session was followed by a question and answer session. The program was brought to a conclusion by a vote of thanks by Ms. Shobha Krishnan, HOD EXTC Department who instilled hope and faith among all women.

*"A fundamental concern for others in our individual and community lives would go a long way in making the world the better place we so passionately dreamt of- Nelson Mandela"*

- Nelson Mandela

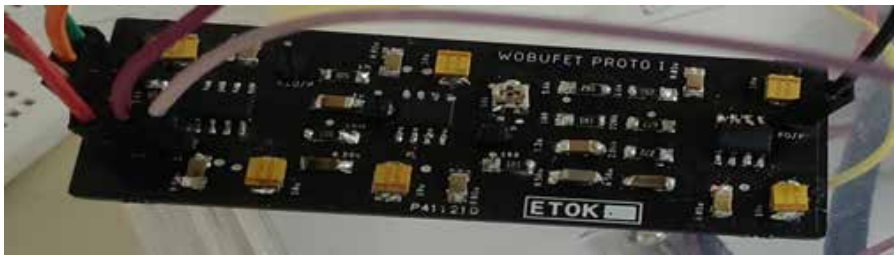
# India Innovation Challenge Design Contest (IICDC)

**Team Members:** Ashwin Pillay, Raj Anchan, Aditya Kale, Aniket Bhadracha, Saurav Vijendran, Yash Keskar

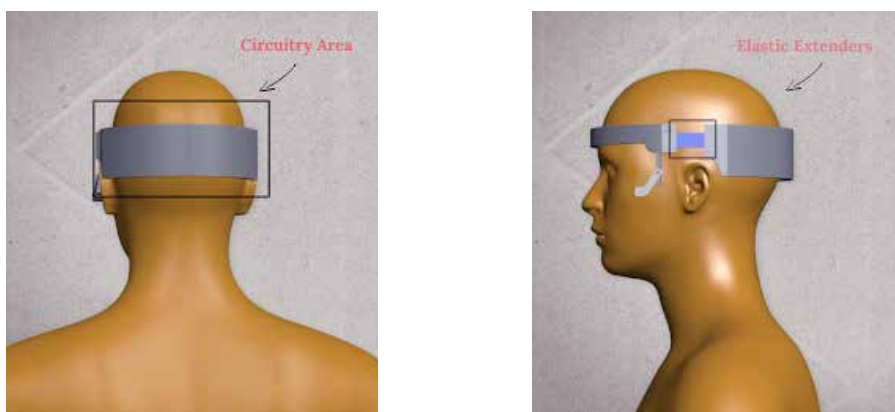
**Faculty mentor** - Ms. Sangeetha Prasanna Ram, Deputy Head, Instrumentation Dept

**Our Product:** A wearable device that will continuously monitor for instances of drivers being drowsy and if such a scenario occurs, alert them and/or trigger some safety mechanisms in the vehicle. Unlike conventional computer vision-based sleep detection systems, this wearable device is based on electrooculography-based detection and will:

- Detect the onset of drowsiness, which occurs before the driver actually falls asleep.
- Be independent of ambient conditions (like low light during night time).
- Have a minimal, lightweight and aesthetically pleasing design.
- Have a simple installation and maintenance procedure.
- Be an economical, standalone portable system.



**Fig: EOG Circuitry**



**Fig: Headband**

We had begun working on our product in early 2019, researching common drowsiness patterns, simulating patterns and observing signals produced, isolating desired signals and developing detection mechanisms for the same. Looking on the potential that our device held, we were interested in turning this device into a product. We needed a platform to further build on our product and IICDC was the perfect opportunity to brainstorm further.

**About the contest:** India Innovation Challenge Design Contest 2019 (IICDC), is organized by the Department of Science and Technology (DST) and Texas Instruments (TI), anchored by NSRCEL@IIMB, powered by the AICTE mission and supported by MyGov. IICDC is a unique platform where the brightest engineering minds can showcase their innovation skills. Participants receive the right tools and get strategic support to help them move ahead in the competition. A splendid opportunity to work with stalwarts like Texas Instruments and IIMB and build something that one is passionate about. Alongside you also earn your highly valuable certificates, cash prizes, and opportunity to sit in IIMB campus and build your company.

**Registration:** Registrations began in Mid-July and were open until the end of September. Our team consists of 6 members: Ashwin Pillay (Team Leader), Aditya Kale, Aniket Bhadrircha, Raj Anchan, Saurav Vijendran and Yash Keskar. We were guided by our faculty mentor Ms Sangeetha Prasanna Ram. All team members must make an account on mygov.in in order to participate in the contest. Everyone receives a participation certificate after registration. More than 18,000 teams had registered.

**Quarter-Final Round:** After registration, we moved to the Quarter Final Round. All registered teams undergo online TI Business and Technical courses followed by the knowledge assessment. It is a quiz held on the DrishTI portal and every team member must take it. Reference materials are made available for TI components and it allows us to work on TI WEBench Tool for Power Designing. Along with the assessment we also had to submit the following:

1. Detailed Business and Technical Proposal
2. Authorization Letter signed by Faculty Mentor sealed by College
3. E-Cell Assessment letter
4. Faculty Mentor assessment letter

Templates were provided for each and we had to make our proposals appropriately based on the defined criteria. This inculcates the skill of business and technical writing and pitch development. Teams were evaluated based on their quality of proposal and knowledge assessment scores. Qualified teams enter into the Semifinals. By this point, we also had to prepare a list of the TI tools worth USD 200 which will be required by us in further stages of development.

On qualifying to the Semifinals, we receive a Bronze Certificate from DST – TI, AICTE, IIMB along with the requested TI tools free of cost. Around 750 teams qualified for the Semifinals.

**Semi-Final Round:** Semi Final Round consists of 2 phases: Phase 1: Video Submissions, Phase 2: 1:1 interview.

**Video submissions:** The teams qualified for Semifinals had to submit videos on the Business and Technical front. These videos were to be uploaded on Youtube and links for the same were to be uploaded on forms provided by the organizers.

We had to submit 6 videos: 3 videos showcasing the Technical Innovation and Developments and 3 outlining Business Idea, Methodology, Customer Identification, Marketing and Distribution Strategies. 2 videos for each are interim videos to show the progress and development of our work and 1 final video highlighting the major points of the product. Evaluation criteria is provided and videos are to be developed accord-



IICDC Video Submissions

ingly. This process allowed us to bring in improvements to the design and motivated us to research the market and the potential customers. Based on the information gathered and keeping the criteria in mind, we developed videos and uploaded them to Youtube.

We were one among the Top 100 teams selected for Phase 2 which is a 1:1 review. We will now be interviewed by a panel of business and technical experts and the top 60 teams will qualify for the finals and will be trained under NSRCEL@IIMB Launchpad. We are currently working on this phase and hope to go further ahead.

*"Happiness is when what you think, what you say, and what you do are in harmony."*

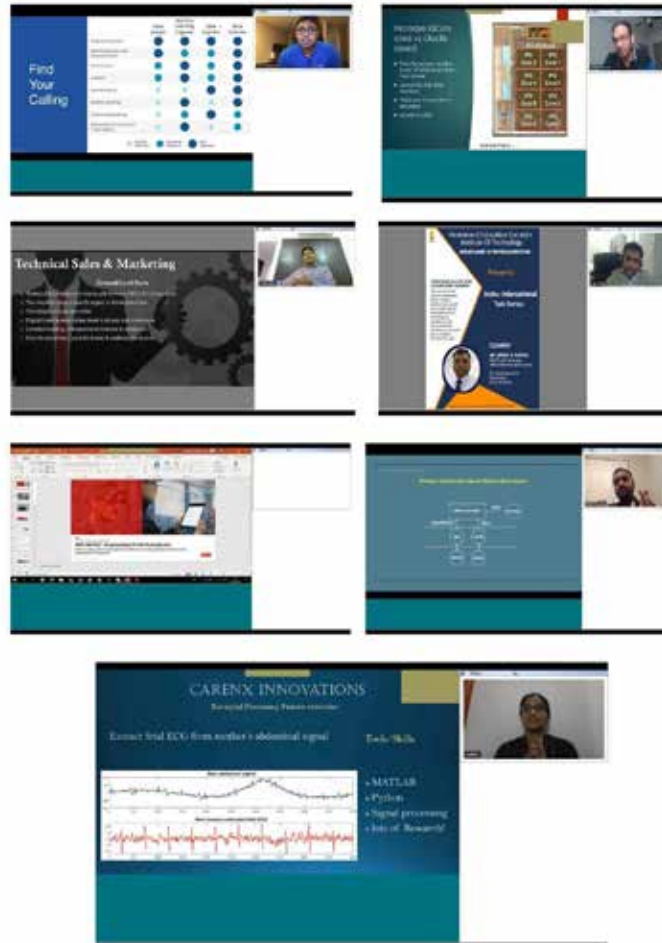
- Mahatma Gandhi

# Instru-International Talk Series

Instru-international talk series was an interactive talk series organized by the Department of Instrumentation in association with VESIT-IQAC and VESIT-IIC. This 6 day talk series from 7th September 2020 to 12th September 2020 covered a wide array of topics like machine learning, silicon designing and career prospects in fields such as biomedical engineering, sales and marketing, from International Experts and Alumni.

The first session of the Instru- International Talk Series was kickstarted on the topic of Machine Learning and how to get a job in it on 7th September 2020 at 09:00AM. In this session our alumnus from 2013 batch of Instrumentation Branch, Mr. Tanvir Shaikh currently working as a Lead Data Scientist at the Finance Department, Genentech/ Roche, USA presented us with a very informative Session on Machine Learning and how we can get jobs related to Machine Learning. He gave us a basic overview on how Machine Learning works in an easy-to-understand way and also told how it can do different things/ outcomes and also predict future outcomes.

The second session was based on the topic of Introduction to Silicon Design Process from Thought to Chip on 8th September 2020 at 09:00AM. This session was addressed by Mr. Avinash Somanathan from the 2015 batch of Instrumentation Branch. Mr. Avinash currently works at Samsung Electronics as a GPU Physical Design Engineer. In this session he explained how a chip is made from thought to a final working device very beautifully. He explained the thought process behind the design and making of the chip be it a Microcontroller or a Microprocessor or even a Processor.



Screenshot of the Instru-International Talk Series event

The third session was based on the topic of Sales & Marketing in the Field of Instrumentation on 9th September 2020 at 09:00AM. This session was addressed by Mr. Pranit Kotgire from the 2018 batch of Instrumentation Branch. Mr. Pranit currently works with Crystal International Technology located in Oman as a Technical Sales Engineer. In this session, he explained how Sales and Marketing can be a lucrative career option and how we can make a switch to Sales and Marketing if we want to.

The fourth session was based on the topic of Discussion or Chat with a Department Alumnus on 9th September 2020 at 02:30PM. This session was addressed by Mr. Ganesh R. Rapelli from the 1999 batch of Instrumentation Branch. Mr. Ganesh currently works as R&D Product Manager at ABB Ability Innovation Center located at Bangalore, India. In this session he had a talk/ discussion with the students covering topics like tips and tricks to get placed in campus placement, suggestions regarding higher studies, etc.

The fifth session was based on the topic of Augmented Reality and Mobile Solutions for Field Operators on 10th September 2020 at 02:30PM. This session was addressed by Dr. Zied M. Ouertani who is Global Technology Manager, Chemicals and Refining Energy Industries in ABB, Frankfurt, Germany. This innovative session focused on AFP or Augmented field procedures, an innovative “ABB Ability” based Digital Solution that is devised for improving safety, reducing unscheduled downtime and increasing operational efficiency.

The sixth session was based on the topic of Engineer your career on 11th September 2020 at 09:00AM. This session was addressed by our alumnus Mr. Sriram Viswanathan who is a software Engineer, Robotics & Digital Solutions in Verb Surgical, United states of America. This session consisted of technical information as well as his personal experience in the field of Robotics & Digital Solutions as a software engineer. He also shared information about his work which applies knowledge of robotics in the field of surgery.

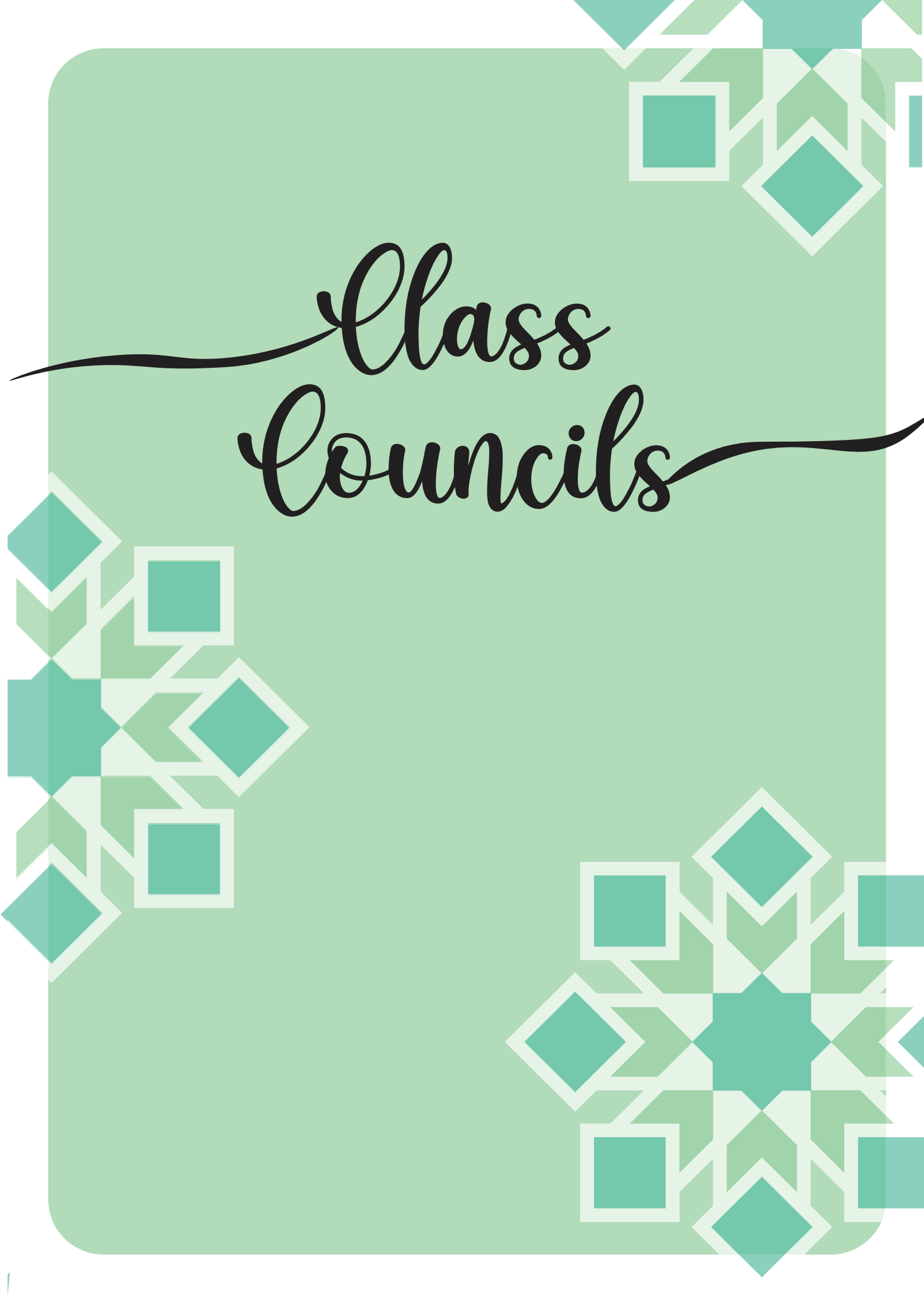
Last session was based on the topic of From Instrumentation to Biomedical on 12th September 2020 at 09:00AM. This session was addressed by our alumnus Ms. Radhika Mujumdar who is a Biomedical Research Engineer at University of Buffalo, United states of America. This innovative session consisted of A brief discussion on job prospects, research, opportunities and challenges when considering a career in Biomedical Engineering.

Each session was concluded with interactive questions and answers sessions with attendees where participants’ doubts and questions were addressed in brief followed by a vote of thanks.

### **B.E. Project Exhibition 2020**

There was a Project Exhibition Event conducted for the SE and TE instrumentation students, wherein the B.E. students of the 2019-20 batch showcased their projects. The projects were well appreciated by the second-year and third-year students. Second year students got to know what kind of projects are carried out in the Final Year by the students and how they are being executed. Similarly, the Third-Year students found some inspiration and ideas to carry out their projects. Over all the event was a success and that the students learnt and gained knowledge from their seniors.

# Class Councils



<b>Class</b>	<b>Class Representative</b>	<b>Cultural Incharge</b>	<b>Music Incharge</b>
D1AD	Yash Sarang Sheryl Bellary	Manas Lalwan Harshita Anala	Arunim Chakraborty -
D1E	Aaryan Solkar Ashiqa Shervegar	Ameya Roplekar Sejal Bishoyi	Vedant Jadhav Avanti Bhondve
D2A	Yashraj Mulwani Isha Desai	Shrey Panchamia Shreya Kukreja	Kaushik Sahasranaman Mansi Shah
D2B	Anish Nair Sakshi Shinde	Ayush Jain Teesha Karotra	Yash Sahane Sakshi Bhojwani
D2C	Sahil Nagdev Ananya Pandey	Anuj Bagad Ketaki	Gaurav Ambartani Shalini Mirani
D3	Prathamesh Andhale C S Lakshmi	Kshitij Vinod Pawar -	Niladri Samadder Anvita Koyande
D4A	Aditya Naresh Vaishnavi Amritwar	Atharva Santosh Joshi -	Atharva Hedao -
D4B	Shubham Kumar Tanmayee Bochare	Prasad Kokate Ratnakshi Sunil Gore	Abhishek Mokal -
D5A	Manav Jawrani Bhavya Kurup	Gaurang Desai Divisha Gupta	Bhargav Bodhankar Urvi Pandit
D5B	Soumyaranjan Parhi Nikita Khabya	Pushkaraj Chaudhari Vallari Patil	Anish Lohiya Janhavi Patil
D6	Kartik Shanbhag Aditi Jamwal	Abhiram Phadnis Surabhi Byju	Saksham Rai Ashwini Gawhale
D7A	Varnit Batheja Neeharika Nagori	Prerak Moolchandani Vaidehi Bhagwat	Orijeet Mukherjee Ruchika Dusija
D7B	Vishesh Mittal Rashmi Singh	Himanshu Behra Akshita Upadhyay	Aman Kachru Samita Mahesh Kanojia
D7C	Tarun Mishra Shrushti Govindwar	Tejas Gala Mrunmayee Waingan- kar	Mathav Bhutada Kanchan Nathani
D8	Rahul Patil Shikha Negi	Gaurav Govilkar Hrutika Pakhale	Pratik Waghmode Shivangi Anand

<b>Class</b>	<b>SoRT Incharge</b>	<b>Sports Incharge</b>
D1AD	Sarthak D Bansod -	Sahil Parab Janhavi Khanvilkar
D1E	Jaykumar Kabra Aditi Mishra	Riyansh Jain Ruchita Dolas
D2A	Piyush Waghmare Meera Sawantdesai	Figo Cardozo Shruti Dalvi
D2B	Meet Chhabria Muskan Bahrani	Chirag Panjwani Deanna Fernandes
D2C	Anishkumar Madhura Mathre	Divesh Mangtani Sanjana Bhojwani
D3	Suresh Rajpurohit Tanvi Desai	Ishaan Jukar Shriya Naik
D4A	Milind Sawant Anushka Sunil Darure	Harsh Ranjan -
D4B	Kaustubh Pawar Soniya Deshmukh	Bhoomi Gupta -
D5A	Suleman Mathekar Diya Shah	Aseem Kulkarni -
D5B	Harpreetsingh Kataria Sakshi Santosh Patil	Kedar Gawhankar Kesar Assudani
D6	Aditya Bedekar Manasi Nerurkar	Vineet Bhole Phalguneshwari Borikar
D7A	Ajay Nair Shruti Koku	Abhishek Patwardhan Shreya Hegde
D7B	Kaustubh Keny Hrithika Singh	Piyush Nihalani Riya Shukla
D7C	Jay Deshmukh Manasvi Patwa	Sourab Bera Bhavika Chattani
D8	Ishaan Sharma Chinmayi Nigudkar	Rutvik Vedak Srushti Gharat

<b>Class</b>	<b>Class Representative</b>	<b>Cultural Incharge</b>	<b>Music Incharge</b>
D9A	Niranjan Vajramushti Trisha Gaur	Sumit Jadhav Akshata Deshpande	Dhruv Wankhede Sudipa Majumdar
D9B	Yogesh Inamdar Aditi Patil	Raj Jadhav Srushti Jagtap	Shripad V Kulkarni Ahona Chattopadhyay
D10A	Ninad Rao Jisha Philip	Walavalkar Suchindra Shetty Sahana Jayaram	Kanaiya Kanabar Mugdha Sholapure
D10B	Shivam Singh Sanjana Prakash	Mangesh Sokalwar Nupur Jeswani	Raghuttam Parvatikar Aarushi Sharma
D11A	Raj Talashilkar Rutuja Shejwal	Sudhanshu Mishra Shruti Parab	Sahil Amundkar Sanika Indulkar
D11B	Varad Rane Anushka Pandit	Aditya Shetty Divya Singh	Neeraj Patil Pratiksha Bhat
D12A	Roshan Dadlani Roshnee Matlani	Puneet Meghrajani Divya Raisinghani	Onkar Bhatlawande Siddhi Mejari
D12B	Jayesh Dhanrajani Khushi Zawar	Shreyas Udupa Tanvi Shetty	Manoj Ayyappan Shreeja Nanda
D12C	Amit Chhabria Swarangi Dali	Abhishek Waghmare Khushi Makhijani	Praneel Rastogi Anjali Hassani
D13	Dhaval Mistry Sejal Attarde	Omkar Rao Tanuja Upadhyay	Sahil Shewale Rakshitha Krishnan
D14A	Manish Sonje Bhuvana Raisinghani	Himesh Shadiza Harshita Kukreja	Varun Bhat Aarya Naik
D14B	Pranav Pawar Muskan Bhargava	Akshay Khanna Sristi Khushwaha	Sahil Salian Mansi Zawar
D15	Hemkesh Raina Laveena Punjabi	Shreyas Khadapkar Shubra Jena	Preet Thakker Rutuja Rajhans
D16A	Girish Pawar Aaryaa Padhyegurjar	Rutik Thorat Rashi Parmar	Umed Rathod Nemisha Vikamsey
D16B	Sakthivel Nadar Sehla Pathan	Karthik Gowda Pradnya Kirve	Omkar Patil Anushka Rajwade

<b>Class</b>	<b>SoRT Incharge</b>	<b>Sports Incharge</b>
D9A	Rahul Kulkarni Gunjan Sureka	Mohit Sajeevan Gargi Khanvilkar
D9B	Akshay Jain Esha Kadam	Varijaksh Katti Janhavi Bhutki
D10A	Reddy Venkatesh Srinivas Danee Rakshita Gopal	Moykhede Aaditya Rajendra Mhatre Janhavi Kiran
D10B	Adarsh Kadam Nidhi Jain	Rajat Singh Srishti Sharma
D11A	Sudhanshu Karwa Manasi Patankar	Akshay Patil Srishti Sharma
D11B	Parth Kharkar Bhairavi Chavan	Prathamesh Parab Archita Malgaonkar
D12A	Jayesh .R Shadi Rashmi Manwani	Omkar Mane Sejal Budhani
D12B	Akshay Motiyani Shivani Shenai	Sanket Jangale Arya Telavane
D12C	Tanish Sahijwani Dimple Nachnani	Chinmay Waykole Anjali Badlani
D13	Shatanshu Choudhary Yugandhara Kadam	Rohan Panchal Aditi Zhankar
D14A	Deepesh Shahdadpuri Ayushi Pamnani	Yusuf Kulkarni Dishika Kishnani
D14B	Arnab Saha Mansi Kasar	Aniket Ingle Nikita Joshi
D15	Srajan Shetty Pooja Prasad	Aaryan Raina Manju Paryani
D16A	Aadi Fernandes Nikita Patel	Vaibhav Bagul Simran Mayekar
D16B	Kunal Bhor Kalyani Ingole	Tanmay Kothale Pranjali Thorat

<b>Class</b>	<b>Class Representative</b>	<b>Cultural Incharge</b>	<b>Music Incharge</b>
D17A	Anish Vaidya Sneha Lalwani	Sivanta Beera Sartha Tambe	Reuben Thomas Heer Kukreja
D17B	Nihar Kalsekar Supriya Patil	Aditya Rao Vrudhi Israni	Aditya Uphade Anjali Nambiar
D17C	Aditya Srivastava Alisha Punwani	Niraj Bhavnani Muskan Shaikh	Raj Joshi Sanika Sanaye
D18	Mayuresh Cholkar Reshma Sawant	Aditya Das Anushka Gadgil	Shivshankar Sahu Prajakta Dhopat
D19A	Devesh Sawant Muskan Chelwani	Gaurav Shukla Jyeshtha Prabhu	Chirag Bhardwaj Vaishanvi Daber
D19B	Chirag Kataria Suruchi Singh	Avikshit Dabholkar Sakshi Modi	Kunal Khaladkar Shruti Bondre
D19C	Swapnil Patil Srushti Ragade	Ansari Ayatullah Urmila Shinde	Aakash Panchal Riddhi Sakpal
D20	Gaurav Parwani Raksha Goklani	Saurav Jeswani Prithvi Amin	Sparsh Prabhakar Richa Chainani
MCA_2_E	Sahil Kamble Sangeeta Dimble	Krunal Rane Salwa Parkar	Vipul Chaudhari Kajal Waghmode
MCA_2_M	Ashutosh Pandey Tania Mahata	Nitin Sahu Shivani Gadge	Kevin Abraham Manasi Pisal
MCA_3_E	Kaushik Janmanchi Manasi Patil	Raj Shetye Anam Arif	Afzal Husain Yamini Agrawal
MCA_3_M	Jitendra Sahoo Jaspreet Kaur	Rohan Kumbhare Shruti Vakkat	Saurabh More Aishwarya Admuthe

<b>Class</b>	<b>SoRT Incharge</b>	<b>Sports Incharge</b>
D17A	Nilesh Talreja Priyanka Awatramani	Anuraj Bhosale Manasee Palsule
D17B	Parth Kingrani Simran Pandita	Kalpesh Bhole Tamanna Saini
D17C	Varun Rochwani Disha Mhatre	Bhavesh Mangnani Sanjana Ahuja
D18	Suraj Pal Jagruti Sawalkar	Jayesh Korgaonkar Diksha Mishra
D19A	Chinmay Chikhalkar Juhi Ajwani	Abhishek Badhe CV Ananya
D19B	Chaitanya Moregaonkar Vaibhavi Choudhary	Dhananjay Teli Anjali Patil
D19C	Ashish Ahire Manali Kathale	Devendra Bhavsar Mitali Joshi
D20	Shubham Darekar Ria Bahrani	Yash Marke Narayani Patil
MCA_2_E	Keshav Patta Poonam Kamble	Adarsh Sawant Siddhi Thakur
MCA_2_M	Arbaaz Ali Aditi Singh	- Komal Dumbre
MCA_3_E	Venkatesh Nadar Divya Dubey	Chetan Gupta Nupur Parab
MCA_3_M	Kakshik Patil Pooja Gupta	Dhrupesh Indap Priyal Danani



Musings  
&  
Expressions



# सांगतो... कसं जगायचं

हरणासारखं पळायचं...  
गरुडासारखं उडायचं...

माश्यासारखं पोहायचं  
सश्यासारखं दिसायचं

फुलासारखं फुलायचं  
आणि फुलपाखरासारखं बागडायचं

सैनिकासारखं चालायचं  
मोरासारखं नाचायचं

मुंगीसारखं काम करायचं  
चंदनासारखं झिज्जायचं

पक्ष्यांसारखं चिबचिबयचं... पण  
कोकिळेसारखं गायचं

उदबत्ती सारखं जळायचं  
आणि सुगंधासारखं दरवळायचं

वाघासारखं दिसायचं... पण,  
माणसासारखं वागायचं

आयुष्यात नेहमी खरं... खरं बोलायचं



श्री. प्रसाद कृ. गोडसे  
सहाय्यक प्राध्यापक,  
उपकरण साधना अभियांत्रिकी विभाग

# रस्ता

रस्तासुद्धा विचारत असेल का रस्ता  
गिरवण्या प्रियकराचा कित्ता  
घेत असेल का नागमोडी वळण  
शोधण्या प्रेयसीचा पत्ता

अशीच एक पाऊलवाट  
त्याला येऊन मिळाली  
सामावून घे मला  
जन्मभर साथ देईन म्हणाली

रस्ता होता भलताच अविचारी  
तिला म्हणाला चल हत पोरी  
कुठे तू अन कुठे माझी स्वारी  
शोधेन मी कुणी राजकुमारी

ऐकून हे पाऊलवाट हिरमुसली  
रस्ता सोडून शेतात घुसली  
जाताना रस्त्याच्या हृदयात बसली  
निघताना मात्र खुदकन हसली  
म्हणाली, वेड्या तुझी नी माझी संगत संपली

जसा तिचा संपर्क सुटला  
विरहात रस्ता तीळतीळ तुटला  
आकाशातून जसा तारा निखळला  
तसा रस्ता खोलवर दुभंगला

म्हणूनच का रस्ता जगभर हिंडतो ?  
पत्ता तिचा शोधत फिरतो  
चौकाचौकात क्षणभर थांबतो  
ओळखीची नजर शोधतो  
आणि पुन्हा इतस्ततः विखुरतो

ओळख त्याला मिळत नाही  
ती त्याला स्मरत नाही  
झाली चूक विसरत नाही  
म्हणूनच रस्ता सरत नाही



श्री. मृगेंद्र वसमतकर ,  
सहायक प्राध्यापक , अणुविद्युतशास्त्र आणि  
दूरसंचार अभियांत्रिकी

# एकदा पडली ती बाहेर...

रोजची सकाळ, आणि रोजची तीच धावपळ...  
इथून तिथे सैरावैरा, पळताना तिची धांदल...  
विरघळलेल्या साखरे सारखी ती,  
कधी दिसलीच नाही कोणाला  
दुर्लक्षित वस्तू सारखी ती  
आतूनच गेली पोखरून  
म्हणूनच एकदा पडली ती बाहेर...  
नेहमीच्या चौकटीतून.

ती कुठे जाते, तिला काय समजते  
जिथे सर्वांच्या गप्पा रंगतात, तिथे ती वाढपी असते  
पटकन कोण काही ही बोलतं,  
अन टचकन तिच्या डोळ्यात पाणी तरळतं...  
स्वतला गृहीत धरून घेऊ देता,  
ती स्वतला गेली होती विसरून...  
म्हणूनच एकदा पडली ती बाहेर...  
नेहमीच्या चौकटीतून.

पण एक दिवस तिच्या सीमा संपल्या...  
सहनशक्ती पलीकडच्या वाटा गवसल्या...  
सकाळी उठून नवीन सूर्य दिसला तिला...  
तेव्हा गॅसवरचा चहा तिने गरम गरम घेतला...  
काहीतरी मनाशी ठरवून ती उगीच हसली..  
इतक्या वर्षांनी गालावरची खळी ठळक दिसली...  
आज ती सकाळीच तयार झाली  
स्वतःसाठी स्वतला न्याहाळत बसली  
शक्य तितकंच आवरून, तिने कामं दिली ठरवून..  
आणि मग पडली ती बाहेर...  
नेहमीच्या चौकटीतून.



श्रीम. आरती सावंत  
सहाय्यक प्राध्यापक,  
इलेक्ट्रॉनिक्स आणि टेलिकम्युनिकेशन  
अभियांत्रिकी विभाग

# ॥..सोनेरी पहाट..॥



सुवर्ण केशरी पहाट  
झोकाळती सूर्यकिरणं पिवळी  
पाहुनी प्रसन्न होई  
मन रम्य सोनसकाळी....॥१॥

नदीकाठी वसे देऊळं  
कळस भिडे गगनाशी  
कडेनं पाणी वाहे झुळझुळू  
जन वंदती प्रभाकराशी....॥२॥

गर्द हिरवा मखमली  
गालिचा धरेवर पसरी  
अन् केशरी दुलई  
डोंगर-दया पांघरी....॥३॥

केशरी रंग देई नभाला  
सोन्याची झळाळी  
पाहुनी हिरवाई रोमरोमांत  
चैतन्य सळसळी....॥४॥

बापलेक ओढी  
जीवशिवाची जोडी  
जरी वाटेत खाचखळगे  
आणि वाट नागमोडी....॥५॥

मुखी भगवंताचे नाम  
चाखी भाकरीची गोडी  
सुखी माही लेकरं बाळं  
ह्या माह्या सोनेरी झोपडी....॥६॥



सौ. निलिमा वसंत वारके  
सहयोगी प्राध्यापक,  
उपकरण साधना अभियांत्रिकी विभाग

# VESIT in LOCKDOWN

आज हैरान परेशान सा हूँ, कॉलेज का हर कोना!  
पूछ रहा हूँ,  
वो कहाँ गया युवाओं का हँसना हंसाना!!

क्यों हर कक्षा के बाहर लटक रहे हैं ताले ?  
कहाँ गए वो युवा जो थे, इसमें पढ़ने वाले ?

बंद पड़े हैं,  
सारे इन्स्ट्रुमेंट्स लेब के अंदर !  
ज्ञान अर्जित करते थे,  
जिन पर एक्सपेरिमेंट कर !!

कॉलेज के गलियारों में अजीब सी शांति है पसरी !  
आते जाते युवाओं की अब ना है अफरा - तफरी !!

सुनसान सा पड़ा है,  
वो आज एम्फीथियेटर !  
जो था एक्टिविटी सेंटर, होता था सदैव फुल ऑफ लाउडस्पीकर !!

उदास पड़ा है,  
आज कॉलेज का वह सुंदर सा लॉन !  
जहां सेल्फी लेने में,  
युवा समझते थे अपनी शान !!

वह प्लेसमेंट सेल,  
जहां रहती थी हर वक्त चहचहाहट !  
वीरान सी पड़ी है,  
आज ना सुनाई देती है कोई भी आहट !!

भोजन के समय,  
जलेबी ग्रुप का मिलकर खाना खाना,  
जो टिफीन न लाए उसको जबरदस्ती खिलाना!  
वो ठहठहाना,

३ से ४ के बीच,  
चाय की चुस्कियों के साथ वो शिक्षकों का बतियाना !  
छोटी - मोटी भूख मिटाने कैटीन में युवाओं का आना जाना !!  
अब वह सब सिर्फ और सिर्फ यादों में ही रह जाना !!

कभी डांटते थे,  
कभी गुस्सा करते थे शिक्षक,

क्यों नहीं आते तुम कॉलेज रेग्युलर !  
आज चाहता हूँ, दिल कहता है, बच्चों तुम रहो सुरक्षित घर पर,  
No need to become popular !!

यह आंगन है सूना - सूना,  
अपने विद्यार्थियों व शिक्षकों के बिना !!

यह हैं अनोखी परीक्षा की घडी,  
लेकिन तोडनी है कोरोना की कडी !!

जिसमें दूर रहकर अपनो को बचाना हैं !  
कोरोना को हराना हैं !!

ये दिन भी निकल जायेंगे !  
खुशहाली के दिन आयेंगे !!

सब फिर नये आशा, विश्वास व उत्साह के रंग  
इस बगिया में बिखरायेंगे !!!

VESIT करता हैं प्रार्थना प्रभू से,  
हे प्रभू,  
रहे जग सारा स्वस्थ !  
सबके हो मार्ग प्रशस्त - प्रशस्त - प्रशस्त!!



डॉ. (श्रीमती). रंजन बाला जैन  
प्राध्यापक,  
इलेक्ट्रॉनिक्स और टेलिकम्युनिकेशन  
अभियांत्रिकी विभाग



Mrs. Rasika Naik,  
Assistant Professor,  
Electronics And Telecommunication  
Engineering Department



# आयुष्याच्या वाटेवरती.....

आपल्याला जे समजले ... ते दुसऱ्यांना सांगावे  
आयुष्याच्या वाटेवरती.. पाऊल जपून टाकावे

सत्याची कास धरावी .. असत्यास त्यागावे  
आयुष्याच्या वाटेवरती.. पाऊल जपून टाकावे

चांगले काय.. वाईट काय... समजून उमजून वागावे  
आयुष्याच्या वाटेवरती.. पाऊल जपून टाकावे

प्रत्येक नविन संधीचे... नेहमी आव्हान स्विकारावे...  
आयुष्याच्या वाटेवरती.. पाऊल जपून टाकावे

अपयश पदरी आले.. तरी हसत हसत पचवावे....  
आयुष्याच्या वाटेवरती.. पाऊल जपून टाकावे

कामात बदल.. हीच विश्रांती ... हे ध्यानी असू द्यावे .....

गगनात घ्यावी भरारी... पण पाय जमीनीवर असावे....  
आयुष्याच्या वाटेवरती.. पाऊल जपून टाकावे

निरपेक्ष भावनेने... कर्म करत जगावे....  
आयुष्याच्या वाटेवरती.. पाऊल जपून टाकावे

मिळालेल्या क्षणांचे... सदैव सोने करावे....  
आयुष्याच्या वाटेवरती.. पाऊल जपून टाकावे

देण्यातला आनंद अनुभवताना... सुख वाटत फिरावे....  
आयुष्याच्या वाटेवरती.. पाऊल जपून टाकावे



श्री. प्रसाद कृ. गोडसे  
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# सह्याद्रीच्या प्रेमात असलेला मी

गेल्या ३ वर्षांपासून ज्या जागेचे फोटोज बघून “यार किती सुंदर जागा आहे, इकडे आयुष्यात एकदा तरी जाणार” ही वाक्य बाहेर पडायची, तिकडे जाऊन, तिथून असंख्य आठवणींची शिंदोरी घेऊन परत येणं याला “स्वप्नपूर्ती” असं म्हटले तर त्यात काही नवल नाही.

सांधण व्हॅली ! सह्याद्री मधली एक खोल दरी, आशिया खंडातील क्रमांक दोनची खोल दरी. अत्यंत सुंदर आणि तितकीच भयाण. सांधण व्हॅलीची खोली फक्त २०० फूट असली, तरीही त्या २०० फूट मध्ये सह्याद्रीचं सौंदर्य ठळकपणे दिसतं ! रतनगड, कळसुबाई शिखर, अलंग मदन कुलंग यांनी वेढा दिलेली अशी ही “valley of shadows” म्हणजे प्रत्येक गिर्यारोहकासाठी अगदी ऑल इन वन पॅकेजच !

नाशिक जवळील भंडारदरा येथील सामरद गावातून सांधण व्हॅली मध्ये जाता येते. सामरदला पोहोचण्यासाठी आम्ही रात्री कसारा ची ट्रेन पकडली. रात्री १.३० वाजता कसापाला पोहोचलो. यावेळेस चा ट्रेक हा drifters सोबत चा होता, आणि त्याच्या सोबत मी आधीच अलंग-मदन-कुलंग केल्याने मी काही नवखा नव्हतो. उलट सगळे जुने मित्र जसे भेटले, तशी ट्रेक ची उत्सुकता १०० पटीने वाढली! कसापालाहून आम्ही गाडी मध्ये बसलो, आणि सामरद गावाकडे निघालो. वाटेत चहा पिण्यासाठी थांबलो, तेव्हा प्रत्येकानी आपापली ओळख करून दिली. जवळपास

५ वाजेपर्यंत आम्ही सामरद गावात पोहोचलो, आणि नाश्ता केला. सकाळच्या प्रहरात सगळेच थंडीने कुडकुडत होते, आणि नुकताच चुलीवरून काढलेला चहा सुद्धा २ मिनिटात थंड होत होता. पोहे खाऊन, चहा पित सगळे टवाळक्या करत होते. ज्यावेळेस ट्रेक सुरू व्हायच्या आधीच ट्रेक ची मजा यायला लागते, तेव्हा समजून जायचं की आपण अगदी योग्य लोकांसोबत योग्य ठिकाणी आलो आहोत. सामरद गावापासून पुढे जवळपास १५ किमी वरून सांधण व्हॅली ची सुरुवात होते. साधारण ६.३० च्या आसपास आम्ही ट्रेक ला सुरुवात केली.



## अखंड दगडांची वाट

सांधण व्हॅली ची गंमत म्हणजे माझ्या मते हा सह्याद्री मधला एकमेव ट्रेक आहे जो पूर्ण करण्यासाठी चढावं नाही लागत, उतरावं लागतं. सांधण व्हॅली मध्ये पूर्ण उतरण्यासाठी फक्त २ किमी चा रस्ता आहे. ऐकायला सोप आहे, पण उतरताना तितकाच कठीण. व्हॅली मध्ये जर तुम्ही पायवाट वगैरे शोधायला गेलात तर तुमचा अख्खा दिवस तसाच वाया जाईल, कारण पायवाट, रस्ता हे सगळं इकडे फोल आहे. एकावर एक अश्या असंख्य खडकांनी बनलेली ही दरी, रस्त्यात हरवायची भीती नसली, तरी आपलं भान मात्र नक्की हरवतं. भल्या मोठ्या दगडांवरून उड्या मारत, घसरत, सावकाश पाय टाकून पुढे जात असताना आपल्याला आपल्या अश्मयुगीन पूर्वजांची आठवण येते.

## पाण्याची वाट

ट्रेक सुरू करताच पहिल्या अर्द्या तासात पाण्याची वाट येते. छातीएवढं खोल पाणी, त्यातून आपली मोठी बॅग घेऊन जाणं हे एक आव्हान आहे. आम्ही सर्वांनी बूट काढले, बॅग टाकल्या, आणि पाण्यात उतरलो. मनुष्य साखळी बनवून आधी एकमेकांच्या डोक्यावरून बॅग पुढे पाठवल्या. त्यात अनेक बॅग पाण्यात पडल्या, आणि अनेकांची अंघोळ सुद्धा झाली. बॅग पुढे दिल्यानंतर सगळे पाण्यात मनसोक्त भिजले, फोटो काढले, मजा केली. आत्ताशी तर ट्रेक सुरू झाला होता!

पाण्याच्या वाटेस जवळपास पुढचा १-१.३० तास फक्त दगडांची वाट आहे. इकडून तिकडून उड्या मारत फक्त खाली उतरत राहायचं. दरीत उतरत असल्याने अनेक वेळा उतरताना तोल जाण्याची भीती असते, आणि



उतरताना समोसून खोल घळई मधून अनेक मनमोहक आणि काळजाचा ठोका चुकवणारी दृश्य आहेत. एक क्षण तर असं वाटतं की सगळं सोडून इकडेच शांतता आणि निसर्गाच्या सुंदरतेचा आस्वाद घेत पडून राहावं. दगडांच्या वाटेवरून चालून चालून पाय दुखायला लागले की मग एका मागोमाग एक rappelling चे patches येतात. एकूण ४ rappelling patches आहेत, ज्यातला पहिला ८० फुटांचा आहे, आणि बाकीचे अगदीच छोटे, ३०-४० फुटांचे आहेत. पण त्याची लांबी किंवा उंची याने अजिबात फरक नाही पडत, कारण प्रत्येक वेळेस भीती ही तेवढीच वाटते. दगडाच्या वाटेवर चालून पाय दुखतात, आणि rappelling ला दोरी पकडून हात!

## गिरकी घ्यायच्या आधी

Rappelling आणि माझा ३६ चा आकडा आहे हे मला त्याच दिवशी कळलं. मी ह्या आधी सुद्धा rappelling केलंय, पण काय माहित का नेमका ह्या वेळचा माझा अनुभव हा बाकी सगळ्यांपेक्षा वेगळा होता! मला एक खात्री नक्की होती की मी पडणार नाही, मी संपूर्ण सुरक्षित आहे. मी तयारीत सुस्वात केली, वरून मित्रांना आवाज दिला “व्हिडीओ काढ रे” आणि पहिले २० फूट अगदी यशस्वीपणे खाली

उतरलो. नंतर मी एकदा खाली वजन टाकलं, तशी माझ्या शरीराने एक जोरात गिरकी घेतली आणि मी ठेपाळलो. इकडून तिकडे झोपाळा घेत असल्यासारखं हलत होतो. एका ठिकाणी तर माझ्या वजनदार बॅगेमुळे मी एका कपारीत अडकून बसलो, आणि मला हलताच येईना! ह्या सगळ्या धुमशुचक्री मध्ये माझं कोपर फुटलं. कसाबसा खाली आलो आणि मोकळा श्वास घेतला. Rappelling ची ती २ मिनिटं मी कधीच नाही विसरणार.

आणखी एक गंमत अशी, की ट्रेक च्या दरम्यान झालेल्या इतर किरकोळ जखमा आपल्याला कश्या झाल्या? हा प्रश्न मला अनेकदा पडतो. सगळं अगदी सुरळीत चालू असताना अचानक पायाला झोबायला लागतं; आणि मग कळतं की अरे आपल्याला तर जखम झाली आहे, आणि तिकडून रक्त वाहतंय. असं माझ्या सोबत अनेकदा झालंय, आणि ह्यावेळेस सुद्धा त्याला अपवाद नाही. गुडघा, दंड, पायाची नळी यावर झालेल्या जखमा ह्या कधी आणि कश्या झाल्या हा विचार करणं कधीच सोडून दिलंय.

पहिल्या rappelling patch नंतर सगळे छोटे छोटे patches आहेत. आम्ही २ patch नंतर डबा खाल्ला आणि पुढे गेलो. दुख या गोष्टीचं आहे की एवढे आव्हानात्मक patches होते, की ते पार करायच्या नादात त्यांचे फोटो काढायचे राहून गेले. त्यामुळे त्यांचं इकडे कितीही वर्णन केलं तरी तिकडे आलेल्या मजला आणि वाटलेल्या भीतीला न्याय देता येणार नाही.

तिसरा आणि चौथा patch पार करायच्या २ वाटा होत्या. एक तर rappelling, आणि दुसरा म्हणजे दोरीने पकडून खाली उतरायचं. माझ्या नुकत्याच आलेल्या rappelling च्या अत्यंत छान अनुभवामुळे मी दोरी पकडून उतरायचं ठरवलं. ३ दगडांनी तयार झालेल्या फटीमध्ये एक दोरी सोडली होती आणि त्या दोरीच्या जीवावर आपल्याला खाली उतरायचं होतं. Rappelling ने दोन्ही patches उतरायला सोपे होतात. चौथा patch म्हणजे पूर्ण धमाल आणि बिन-तिकिटाचा शो होता. तिथेही तसंच, एक rappelling चा रस्ता आणि एक दोरीचा. त्या दिवशी मला प्रचिती आली कि खाज ही एक अशी गोष्ट आहे जी आपल्याला अनेकदा अडचणीत आणते. मी दोरी पकडून उतरायला लागलो. दोरी पकडून हात दुखायला लागला, आणि मी जमिनीपेक्षा जवळपास १२-१५ फूट वर असताना दोरी सोडली, आणि खाली येऊन आपटलो. दोरी हाताला घासल्याने हात प्रचंड झोबत होते. एकूणच, अवस्था खराब होती. मी सगळ्यात पहिले उतरलो होतो म्हणून मग मी मस्त बॅग टाकून त्यावर आडवा पडून इतरांची मजा बघत होतो. मला स्वतःला लागलेलं असल्याने मी कोणाला मदत करायला नाही गेलो, कारण जर मी स्वतःला नाही सांभाळू शकलो, तर इतरांना



कसा सांभाळेंन?

४.३० च्या आसपास आमचे सगळे rappelling patches संपले होते, ट्रेक जवळपास पूर्ण झाला होता. एक अगदी छोटी पाण्याची वाट पार केली की मग पुढे चालत जाऊन कॅम्पिंग च्या जागेवर बॅग टाकून मनसोक्त झोपायचं, हे एकच ध्येय मी सध्या मनाशी बाळगलं होतं. कारण दिवसच तितका थकवणारा होता!

**कॅम्पिंग पॉइंट**

५.३० - ६ च्या आसपास आम्ही सगळे कॅम्पिंग च्या जागी पोहोचलो. ट्रेक यशस्वी झाला होता, आणि तो ठरवलेल्या वेळेच्या आत झाला याचा सगळ्यांनाच आनंद होता! सगळे आपापले तंबू टाकून आराम करायला गेले. गेल्या गेल्या चायनीज भेळ, सूप, चहा यांचा आस्वाद घेत

सगळे सुस्तावले होते. आराम झाल्यानंतर ९.३० च्या आसपास जेवण करून सगळे झोपी गेले. आम्ही काही जण रात्री १२ पर्यंत हळू आवाजात गाणी ऐकत, चंद्राच्या लख्ख प्रकाशात पत्त्यांचा डाव टाकून बसलो होतो. मला गंमत ह्या गोष्टीची वाटते कि आपण शहरात राहून आपल्याकडे रात्री १२ वाजता इतका काळोख असतो, आणि त्या गावात रात्री १२ ला चंद्राचा एवढा लख्ख प्रकाश! म्हणजेच आपण सर्वांनी तंत्रज्ञानाच्या नावाखाली प्रदूषण नावाच्या सैतानाला जन्म दिलाय!

दुसऱ्या दिवशी सकाळी उठून आवरा आवरी झाली, नाश्ता करून सगळे फोटो काढण्यात मग्न झाले. सांधण वरून परत येण्याचे २ वेगळे रस्ते आहेत. एक करोळी घाटातून जो तुम्हाला पुन्हा सामरद गावात नेऊन सोडतो, आणि दुसऱ्या आसनगाव जवळील देहणे गावात नेऊन सोडतो. परत सामरदला जायला ५ तास लागतात तर देहणे गाव फक्त २ तासांवर आहे. आम्ही १० वाजता चालायला सुरुवात केली आणि १२ वाजेपर्यंत खाली पोहोचलो सुद्धा! आमच्या साठी गाड्या आधीपासूनच तयार होत्या. आम्ही गाडीत पटापट बॅग टाकल्या आणि आसनगाव साठी निघालो. ठाण्याला पोहोचून आमच्या परंपरेप्रमाणे आम्ही मित्रामित्रांनी मिसळ खाल्ली आणि घरी गेलो.

Drifters सोबत असल्याने कसलीच चिंता नव्हती. सगळे लोक ओळखीचे होते. एक वैशिष्ट्य म्हणजे प्रत्येकाला refreshment साठी पॅकेट्स दिले जातात. त्यांच व्यवस्थापन, गावातल्या लोकांशी असलेले सलोख्याचे संबंध हे सगळंच कौतुकास्पद आहे. सांधणचं स्वप्न पूर्ण करण्यासाठी मी Drifters चा खूप आभारी आहे!



तन्मय कोठाले (D16B)

## कौन जानता था ?

कौन जानता था ?  
सात दिन के विनाशक प्रलय में,  
वह मत्स्य रूप में आएगा ?  
छोटे सी छोटे जीव को भी,  
मनुके संग बचाएगा !

कौन जानता था ?  
समंदर में डूबी लाचार धरा को,  
वराह रूप में उठाएगा ?  
हिरण्याक्ष का नाश करके वह,  
धरती को पुनः संवारेगा !

कौन जानता था ?  
करने संहार हिरणकश्यप का,  
नरसिंह बनकर वह आएगा ?  
वह पापी दानव के घमंड को,  
नाखूनों से चीर डालेगा !

कौन जानता था ?  
त्रिलोक विजेता बली के पास,  
वह वामन रूप में आएगा ?

केवल तीन डग भूमि लेकर,  
तीन लोक को वह बचाएगा !

कौन जानता था ?  
चौदह वर्ष वन में रहकर,  
मानव को मानव बनाएगा ?  
रावण का नाश करके वह,  
मर्यादा स्थापित करवाएगा !

कौन जानता था ?  
मक्खन मलाई चुराकर वह,  
ज्ञान अलौकिक दिलाएगा ?  
पुनः स्थापना करने धर्म की,  
गीता का उद्गम करवाएगा !

कौन जानता था ?  
सदियों से चलता प्रगति का चक्र,  
कोई अचानक थमाएगा ?  
बाघ शेर से ना डरे वह इंसान,  
सूक्ष्मजीव से बचने छुप जाएगा !

कौन जानता था ?  
अनिश्चित काल तक चलने वाले,  
इस महामारी में हमें संभालेगा ?  
“कान्हा” कहे छोटी सी आशा से,  
पुनः उदय तक हमें पहोचाएगा !



कर्नैया गिरधरलाल कानाबर (D10A)

# आशा

भावना हरवलेल्या होत्या काळोखात  
विचारही स्तब्ध झाले होते  
वैश्विक महामारीच्या अलिंगनात  
जग हे निद्रित झाले होते

चार भिंतीच्या कुंपणात  
श्वास हा घुटमळला होता  
निरभ्र आकाशात उडणाऱ्याचा  
जीव निरस होत होता

चेहऱ्याला कपड्याच्या सक्तीचे  
पांघरुण लागले होते  
जिवलगसोबत गाठीभेटीसाठी  
कायद्याचे अंतर आले होते

डोळ्यांमध्ये अश्रू घेऊनी  
ते वासरू बेघर झाले होते  
भाकरीच्या तुकड्यासाठी  
बेरोजगारीचे दारिद्र्य आले होते

इतक्या खडतर प्रसंगात  
वेळही गहिवरली होती  
पण; खोल रुजलेला  
विश्वास मात्र खचला नव्हता

आशेच्या किरणांना  
दुःखाचे ग्रहण लागले होते  
प्रसंगी सामोरे जायासाठी  
आत्मनिर्भरतेचे साधन हाती होते

मनाच्या प्रकाशाच्या ज्योतीची मशाल  
अजूनही जळत आहे  
आव्हानांना मात करण्याची झुंज  
एकतेने चालू आहे

मेहनतीच्या प्रयत्नांना आज  
संशोधनाची साथ आहे  
पूर्विसारखे आयुष्य जगण्याचे स्वप्न,  
आपल्या सर्वांच्या हातात आहे



राज जाधव (D9B)

# कोरोना योद्धे

रखरखत्या उन्हामध्ये रक्ताचे पाणी करतात  
लपवून हृदयातले दुःख मानवता धर्म निभावतात  
असे आहेत आमचे शेतकरी जे कोरोना युद्धामध्ये निर्भीड लढतात

कोणी त्यांना योद्धा म्हणतात काही त्यांना देव म्हणतात  
स्वतःच्या जीवाशी खेळून दुसऱ्यांचा जीव वाचवतात  
असे आहेत आमचे डॉक्टर जे कोरोना युद्धामध्ये निर्भीड लढतात

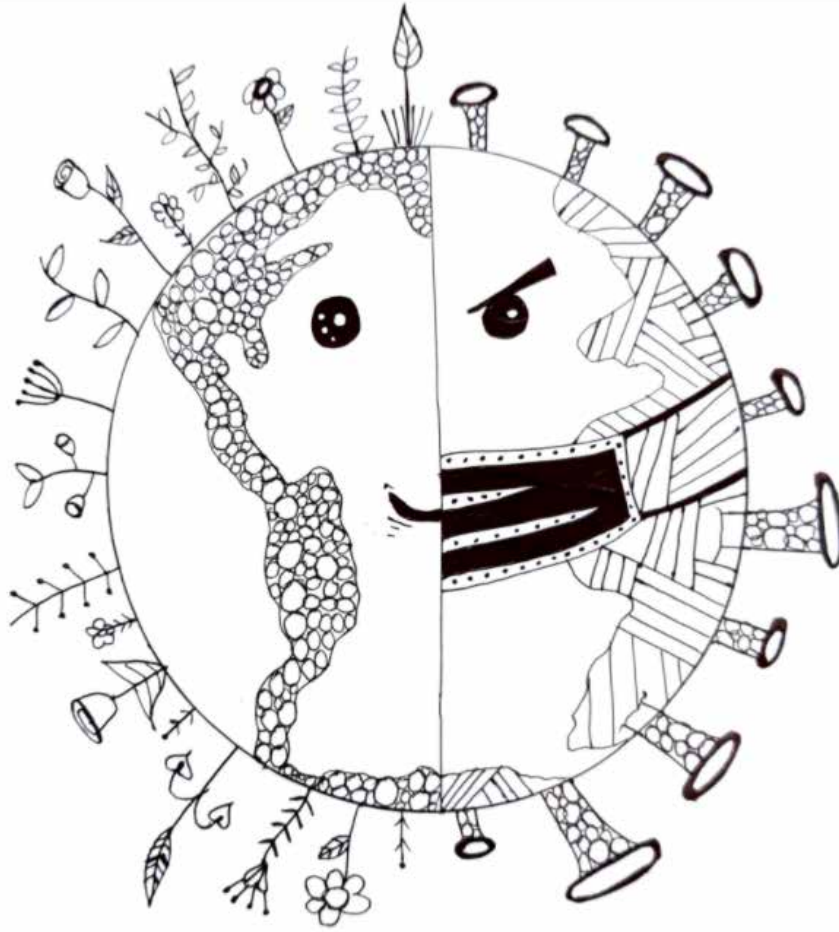
सोनेरी भारत देशामध्ये स्वच्छता ठेवतात  
"मेरा स्वच्छ भारत महान" असे नारे देतात  
असे आहेत आमचे सफाई कर्मचारी जे कोरोना युद्धामध्ये निर्भीड लढतात

संकट वा ऋतू असो कोणताही सदैव तत्पर असतात  
"मामा " किंवा " दादा " सर्वच त्यांना आपले कुटुंब मानतात  
असे आहेत आमचे पोलीस जे कोरोना युद्धामध्ये निर्भीड लढतात

तहान भूक इच्छा विसरून लढाई तुम्ही लढतात  
तुमच्यामुळे सर्व घरे सुरक्षित राहतात  
मनापासून सलाम आहे तुमच्या वृत्तीला  
देवाचे माहीत नाही ...भारतीय सैन्याच्या वर्दीत देवमाणूस नक्कीच असतात



ईशा गावडे (D10A)



Juhi Talreja (D12A)



Manasi Rahul Pawar (D4A)

# बस कुछ दिन और

तू क्यों शक कर रहा है उन पर  
जो खडे है तेरी सुरक्षा के लिये तत्पर

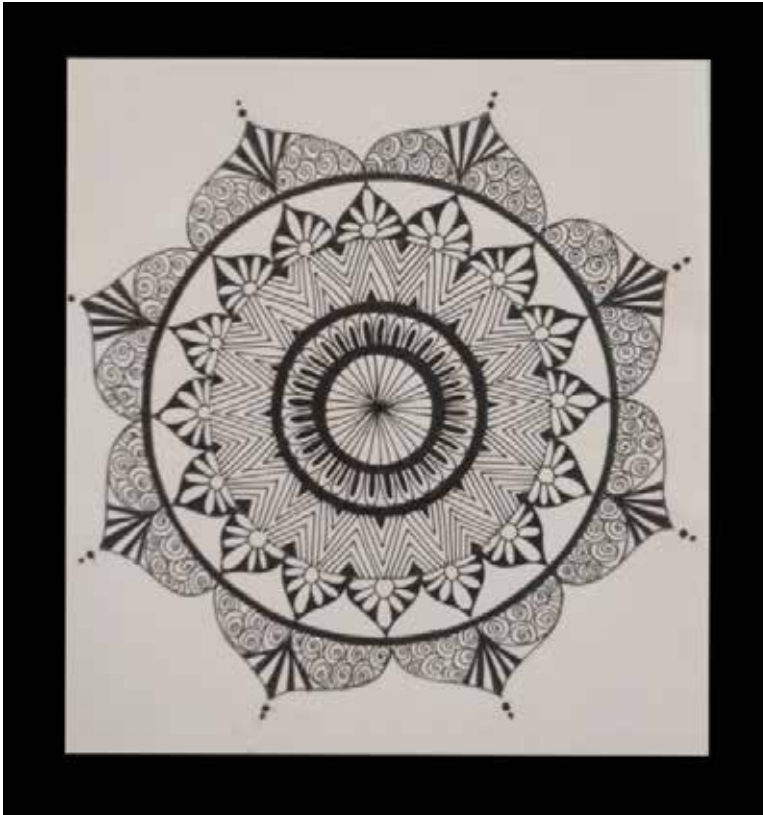
नफरत नही दूआ कर उनके लिये  
जो कर रहे है जान पर खेलकर सेवा सबकी  
खडा है कोई अपने कंधोंपर तेरी जिम्मेदारी लिये  
थोडी सी कदर करनी है बस उनकी

ये नियम तेरी हिफाजत के लिये बनाए है  
तू इन्हे तो मत तोड  
ये बिमारी किसी को भी जकड सकती है  
तू इसे धर्म से तो मत जोड

आओ बता दे हम देशवासी इस दुनिया को  
की भारत में धर्म है अनेक  
पर हम सबका उद्देश्य है एक  
इस महामारी को दुनिया से निकालना है  
इस लिये तुम्हे बस कुछ दिन घर से बाहर नही जाना है !!



दिव्या रायसिघानी (D12A)



Mrs. Rasika Naik,  
Assistant Professor,  
Electronics And Telecommunication  
Engineering Department



C.S.Lakshmi (D3)



Pradnya Gopalkrishna Sawant (D3)

# पुस्तक कोरे

जीवन माझे पुस्तक कोरे  
रेघोट्या त्यात नाही  
कुणी भरावी अक्षरे तयात  
अन् रेघोट्या ही काही

पानोपानी रंग भरावे  
लाल गुलाबी सहज जुळावे  
श्वेत तांबडे मिळून खुलावे  
इंद्रधनु मग सारे व्हावे

कुणी यावे कवी व्हावे  
शब्दस्वरांचे गाणे गावे  
अर्थ सारे असे जुळावे  
की अर्थ मनीचे मज कळावे

पाने काही कोरी राहावी  
काही अक्षरे पुसट दिसावी  
काही पाने गाळून पडावी  
अन् उडून जावी दूरदेशी

भरले सारे पुस्तक आता  
पान एक राहिले  
पानी त्या मग काय भरावे  
प्रश्न उभे राहिले

उलटून पाने मागे मग मी  
सहज असे पाहिले  
जूना गंध या पानोपानी, जसे,  
निर्माल्य कुणी वाहिले

हसत-लाजत ती अक्षरे  
माया संगे बोलू लागली  
आठवणीनी मिठी घातली  
नात्यांची मग उजळणी झाली

हातावरच्या रेषांची  
मी एक कहाणी लिहीली होती  
सुंदर होती, खडतर होती  
जशी ही होती... पण माझी होती

शेवटचे हे पान भरता  
पुस्तक असे मिटून जावे  
की उघडता तया पुन्हा  
शुभ्र कोरे ते नवे दिसावे



गौश्व गोविलकर (D8)

# दृश्यम

2 अक्टूबर को गांधी जयंती तो आती ही है, पर और एक बात याद आती है - की विजय सालगावकर अपनी फ़ैमिली को लेकर सत्संग के लिए पणजी गया था। हा ये वही फिल्म है जो 2015 में रिलीज हुई थी - दृश्यम। सबसे पहले ये फिल्म मल्यालम भाषा में बनी थी। उसके बाद ये फिल्म कन्नडा, तमिल, तेलुगू, हिंदी और सिंहाली में रिलीज हुई। ये ऐसी पहली भारतीय फिल्म है जो चायनीज भाषा में बनी है। और अभी अभी इस फिल्म का सिक्वेल मल्यालम में रिलीज हुआ है। मैंने इस फिल्म का पहला पार्ट हिंदी में ही देखा लेकिन मल्यालम में बना ये दूसरा पार्ट इंग्लीश सबटाईटल्स के साथ पुरा समझ आ जाता है।

इस मल्यालम फिल्म में बस 2 अक्टूबर की जगह पर 2 अगस्त है। ये दूसरा पार्ट पहले पार्ट पर ही आधारीत है। उनके साथ हुए हादसे से परिवार उभरने कोशिश कर रहा है। लेकिन उसी हादसे की वजह से फिर एक बार वो पुरा परिवार मुसीबत में पड जाता है। पर फिर भी फिल्म का हिरो अपने परिवार को बचाने की पुरी कोशिश करता है। आखिर क्या होता है इसलिए तो आपको पुरी फिल्म देखनी पडेगी।

इस फिल्म को देखने का और एक कारण है मोहनलाल, साउथ फिल्म जगत का बहुत बडा सुपरस्टार। वो क्यू सुपरस्टार है वो ये फिल्म देखकर पता चल गया। मल्यालम न समझते हुए ये पुरी फिल्म समझ में आई इसका बहुत बडा श्रेय उसिको जाता है। उसके अलावा भी सारी स्टारकास्ट एकदम तगडी है। सभी लोगों के एक्टिंग के लिए तो सही ये फिल्म जरूर देखनी चाहिए।

बस एक ही प्रोब्लेम है इस फिल्म में- की बहुत ही धिमे धिमे आगे बढ़ती है। पहले पहले तो कुछ समझ ही नहीं आता क्या हो रहा है। लेकिन जैसे जैसे आगे बढ़ते हैं सारी चिजे समझ आने लगती है।

ये फिल्म पहले पार्ट जितनी ही थ्रिलींग है, शायद उससे थोडी ज्यादा ही थ्रिलींग है। इसमें बहुत सारी चिजे impossible लगती है, लेकिन बाद में उनका importance समझ में आ जाता है। एक आदमी अपने परिवार के लिए क्या कुछ नहीं कर सकता यही इससे साबित होता है।

After all, family isn't defined by last names or by blood; it's defined by commitment and love, it means showing up when they need it most.



निखिल गोरे (D3)

# कोसला VESIT आणि मी...

नमस्कार, मी सुयोग श. सावंत. इलेक्ट्रॉनिक विभागातील तिसऱ्या वर्षाचा विद्यार्थी. लहानपणापासूनच मला पुस्तकं वाचण्याची आवड प्रचंड आहे. (या आवडीचा संबंध कोणीही इजिप्शियनच्या पुस्तकांशी लावू नये) लहानपणी मला डोळ्यांशी संदर्भात दुर्धर आजार होता. मात्र प्रत्येक वाईट गोष्टीतून काही ना काहीतरी चांगलं होतच असतं ! डोळ्यांच्या आजारामुळे टीव्ही, मोबाइल यांपासून लांब राहायला लागलं आणि त्यातून वाचण्याची सवय लागली. याला जोड मिळाली ती मराठी विषयाच्या बालभारती पुस्तकाची या पुस्तकातील प्रत्येक धडा हा वेगवेगळ्या पुस्तकातून, कथा-कादंबऱ्यांतून घेतलेले असत. त्यामुळे दिलेल्या धड्याचा मागचा-पुढचा संदर्भ शोधणे हा माझा आवडीचा विषय. डोळ्यांच्या आजारामुळे शक्य झालेली अजून एक गोष्ट म्हणजे- लहानपणापासूनच दर महिन्याला डोळे तपासण्यासाठी दादरला डॉक्टर कडे जावे लागले त्यामुळे एकदा ते काम झाले की आईसोबत 'वाचनालय मार्ग', 'मॅजेस्टिक बुक डेपो', 'वनमाळी हॉल मधील पुस्तक प्रदर्शन' याकडे आम्ही फिरत असू. आई इतिहास विषयाची शिक्षिका असल्यामुळे लहानपणापासूनच घरात नव-नवीन पुस्तकांची रेलचेल असायची. लहानपणी आजारामुळे मैदानात जाऊन खेळणे देखील दूर त्यामुळे सवंगडी देखील मौजकेच परंतु या सर्वांकडे आशावादी धोरणातून पाहायचे झाले तर बरेच नवे सवंगडी वाचनाच्या माध्यमातून मिळाले सुरुवातीला लोकसत्तातील रविवारचा 'बालरंग', 'किशोर' मासिक यांपासून ते पुढे पु. ल., व. पु., गो. नि. दांडेकर, द. मा. मिरासदार, तेंडुलकर यांसारख्या लेखकांशी गट्टी झाली.

शालेय जीवनांतर अभ्यासाच्या पुस्तकांची संख्या वाढत गेली तरी जुने सवंगडी काही सुटले नाहीत. गेले वर्षभर आपण महामारीतून जात आहोत. सुरुवातीचे बरेच महिने कॉलेजला संपूर्ण सुट्टी असल्याने पुन्हा वाचनासाठी वेळ मिळू लागला. सुरुवातीच्या महिन्याभरातच साठवलेल्या पुस्तकांचा साठा संपू लागला त्यात बाहेर लोकडाऊन 'जिथे पोटाची भूक भागवण्यासाठी ओढाताण तिथे मनाच्या भुकेकडे कोण लक्ष देणार' परंतु इच्छा तेथे मार्ग हे त्रिकाल सत्य मानायला हवं. कारण याच काळात Storytel या मोबाईल ॲप्सशी ओळख झाली. खर पाहता या आधी देखील इथे दर्जेदार पुस्तक ऐकता येतात हे ऐकून होतो मात्र न्यूटनला गुरु म्हणून त्याच्या पहिल्याच आज्ञेप्रमाणे कोणतीही नवी गोष्ट स्वीकारताना पहिल्यांदा विरोधच करण्याची वृत्ती ! आधीच ती लिखित स्वरूपात, त्यात पुस्तक वाचताना मनात येणारा विचार, पुढील भागाचे कुतूहल ऐकताना येईल ? छे ! हे शक्यच नाही आणि त्यातही वाचताना आपल्या मनात उमटणारा आपला आवाज कोणत्या परक्या व्यक्तीच्या तोंडातून ऐकताना येईल ? अशा असंख्य प्रश्नांनी मी याआधी याकडे पूर्वग्रह ठेवूनच पाहत होतो. मात्र लॉकडाऊन मध्ये नवी पुस्तके मिळणे कठीण झाले तेव्हा नाईलाजाने ॲप डाऊनलोड केले. आपले इजिप्शियन क्षेत्र ज्या प्रमाणे लोकांचे कष्ट कमी करण्याची आहे तसाच अनुभव मला Storytel च्या माध्यमातून आला. अगदी कुठेही ही केव्हाही पुस्तक ऐकायला मिळाली ते ही दर्जेदार लोकांच्या आवाजात ! मग लघु-कथांपासून ते पुस्तकं, कादंबऱ्या, चर्चासत्र ऐकताना एक वेगळीच मजा येत गेली.

हे सर्व शोधताना नेमाडेची 'कोसला' ही कादंबरी सापडली याआधी 'भालचंद्र नेमाडे' हे 'ज्ञानपीठ' पुरस्कार विजेते लेखक एवढीच त्यांची आणि माझी ओळख. त्यातच त्यांच्या 'प्रमाण मराठी भाषेला विरोध' या तत्वामुळे माझ्यासारख्या मुंबई शहरात वाढलेल्या मुलांच्या मनात आपसूकच द्वेष आणि कुतूहल होतं. त्यामुळे मी 'कोसला' ऐकायला सुरुवात केली पुढे 'हिंदू व बऱ्याच कथा ऐकल्या-वाचल्या आणि नेमाडे यांच्याविषयी मनात आदर वाढत गेला. प्रमाण भाषेला विरोधाचे कारण कोसलामधून उमगू लागले. भालचंद्र नेमाडे यांची ही कादंबरी 1963 रोजी वयाच्या पंचविसाव्या वर्षी लिहिली ही त्यांची पहिली-वहिली कादंबरी आणि या पहिल्या कादंबरीतूनच त्यांना प्रसिद्धी मिळाली. त्यांना मिळालेल्या ज्ञानपीठ पुरस्कार हा जणू काही या कादंबरीसाठी साठी मिळाला (ज्ञानपीठ पुरस्कार 1982 पूर्वी एकाच कलाकृतीला देण्याची पद्धत होती मात्र त्यानंतर लेखकाच्या सर्व लिखाणावर दिला जातो) असा गौरवमज कित्येकांच्या मनात आजही आहे. यातूनच कोसलाची प्रसिद्धी दिसून येते. नेमाड्यांच्या इतर कथा व कादंबरी वाचताना त्यांचे व्यक्तिमत्त्व ठळकपणे उठून दिसतं. परखड मत मांडणे परंतु 'परखड व फटकळ' यात तारतम्य राखणे हा त्यांचा गुण मनाला भावणारा आहे. कोणतही लेखन करताना कोणाचीही भीडभाड न ठेवता आपल्या साहित्याने जनमानस ढवळून काढणे आणि त्याच वेळी तो समृद्ध करण्याची कास धरणारा असा हा लेखक. अगदी वयाच्या पंचविसाव्या वर्षी लिहिलेल्या 'कोसला' यामधूनही तत्कालीन वाडमय प्रकारांना छेद देणारी शैली दिसते. ही कादंबरी 'पांडुरंग सांगवीकर' या खेड्यातून पुणे विद्यापीठात शिकायला आलेल्या एका सामान्य विद्यार्थ्याची आत्मकथा. याआधी आत्मकथा-आत्मचरित्र हा विभाग प्रामुख्याने थोरामोठ्यांसाठी राखून ठेवलेला असे. त्यामुळे कोसला ही विविध अंगाने वेगळी अशी कलाकृती ठरते. कोसला मधून सांगवीकर या विद्यार्थ्यांचे अगदी त्याच्या भोवतालचे विचार मांडलेले आहेत अगदी 57 वर्षांनंतरही हा सांगवीकर आपल्याच एक विद्यार्थी वाटतो हीच

त्यांच्या भाषेची आणि शैलीची खासियत. सांगवीकरच वर्णन वाचताना हा जण काही आपल्याच VESIT मधील एक विद्यार्थी आहे असं वाटतं. आपल्या आजूबाजूला देखील असे अनेक सांगवीकर दिसून येतात या कादंबरीचे भाग करायचे झाल्यास सुरुवातीचे वर्ष त्यानंतरची दोन-तीन वर्षे व शेवट असा करता येईल.

सांगवीकर हा शिक्षणासाठी पुणे विद्यापीठात आलेला विद्यार्थी ग्रामीण भागातून आल्याने मनात प्रचंड न्यूनगंड त्यात भाषेला ग्रामीण वळण यामुळे अधिकच बुजलेला असा विद्यार्थी. मुळात मी शहरात वाढलेलो असल्याने या भागाशी माझा परिचय नव्हता. मात्र निरीक्षण केल्यास आपल्या हॉस्टेलवर राहणारे ग्रामीण भागातून येणारे विद्यार्थी हे सांगवीकर सारखेच दिसतात. सुरुवातीला सगळेच फार कमी बोलातात. अशीच काहीशी सांगवीकर ची स्थिती. सांगवीकर हा ग्रामीण भागातून आला असला तरी समृद्ध अशा घरातून आलेला दिसतो. मात्र दुर्दैवाने सत्तर वर्षांच्या स्वातंत्र्यानंतरही ग्रामीण संपन्नता आणि शहरी संपन्नता यात जमीन-अस्मानाचा फरक आहे. सुरुवातीचे वर्ष हे असंच शांततेत व मोजक्या मित्रांमध्ये जातं. माझं वैयक्तिक VESIT मधलं पहिलं वर्ष देखील असंच काहीसं होतं. नव्या मित्रांशी ओळख, प्रत्येकाची बोलण्याची पद्धत, आचार-विचार यांमधील भेद या सर्वात पहिलं वर्ष कसे जातात हे समजतच नाही. त्यात पहिलं वर्ष युनिव्हर्सिटी वर्ष त्यामुळे अभ्यासाचा ताण देखील तेवढाच असतो. ग्रामीण भागातून आलेल्या सांगवीकरला देखील अशाच स्थितीवरून जावं लागतं पुढे सगळ्याच गोष्टी जुळून येतात नवीन मित्रांशी ओळख वाढू लागते, आपल्या आचार-विचारांशी जुळण्या मित्रांचा गट होत जातो आणि सांगवीकरच्या मनातील न्यूनगंडतेचा विस्फोट होतो. मग तो प्रसिद्धी मिळवण्यासाठी, स्वतःच्या विकासाकडे लक्ष देऊ लागतो विविध सोसायटीचा सेक्रेटरी, वक्तृत्व विभागाचा प्रमुख, आहार विभागाचा अकाउंट अश्या बऱ्याच जबाबदाऱ्या तो ओढवून घेतो. यातूनच त्याच्या सर्वांगीण विकासाला सुरुवात होते. या सर्वात सेक्रेटरी पदाचा निवडणुकीचा किस्सा हा लक्षात राहणारा आहे. निवडणूक, त्यातून होणारी भांडण, मत मिळवण्याच्या पद्धती या सर्वातून मला आपलं VESIT आठवतं आपल्याकडेदेखील बऱ्याच पदांसाठी निवडणुका होतात आणि त्यातील गोष्टी ह्या अगदी सांगवीकरशी साधर्म्य साधून जातात. पुढे वर्षभर विविध कार्यक्रमांचे आयोजन त्यासाठी वक्ते शोधणे, जमाखर्च मांडणे, उर्वरित नियोजनाची जबाबदारी या सर्वातून सांगवीकर च्या आयुष्यात फार मोठा फरक पडतो. गावाकडून आलेला विद्यार्थी ही त्याची ओळख तो संपूर्ण प्रमाणे विसरून जातो. माझ्या आणि आपल्या सर्वांच्या आयुष्यात VESIT मधली वर्षे देखील नक्कीच अशीच असणार. गेल्या दोन वर्षात 'कंटाळा आला' ते 'वेळ मिळत नाही' यात झालेले रूपांतर हे खरोखरच आश्चर्यकारक आहे. VESIT मध्ये आल्यावर बरेच समविचारी मित्र बनत गेले त्यात सर्वांना इंजिनिअरिंग आवड म्हणून घेतलेला विषय त्यामुळे कोणतीही प्रोजेक्ट किंवा रोबोटिक्स स्पर्धा असली की तिथे आपण जण हे आपलं धर्म कर्तव्य आहे ही आम्हा सर्वांची धारणा आहे. त्यामुळे स्पर्धेच्या आधीची तयारी, त्यासाठी Lamington रोड ला फेरफटका मारणे, मग उर्वरित काम आटपून स्पर्धेला जाणे तिथे होईल तो निर्णय विसरून पुन्हा नव्या स्पर्धेच्या तयारीला लागणे या सगळ्यात दुसरं वर्ष निघून गेलं त्यानंतर कोरोनामुळे घरी असलो तरी ऑनलाईन स्पर्धा, इत्यत्र, विविध hackathon या सर्व गोष्टी अजूनही चालूच आहेत. माझं शालेय शिक्षण मराठी माध्यमातून झालं असलं तरी या सर्व स्पर्धांमुळे इंग्रजीत बोलण्याचा आत्मविश्वास वाढत गेला, तसेच वेळेचे नियोजन, कामाची मांडणी या सर्व गोष्टी शिकायला मिळाल्या.

या कादंबरीची अजून एक भावणारी गोष्ट म्हणजे यातील भाषा एका विद्यार्थ्याची आत्मकथा असल्याने त्याच्या तोंडातील भाषा ही त्याला शोभणारी अशीच आहे. वयानुसार येणारा बेदरकारपणा, प्रसंगी शिव्या या सर्व गोष्टी लिहिताना नेमाड्यांनी कूठेच हात आखडता घेतलेला दिसत नाही त्यामुळे अगदी 57 वर्षांनंतर ही आपल्यातल्याच एकाची कथा वाटत राहते. ऐज तारुण्यात प्रत्येकाची भाषा, एखाद्या गोष्टीकडे बघण्याचा दृष्टिकोन हा अगदी वि. सं. प्रमाणे विस्तृत, सखोल नसतो. वपुंच्या पार्टनर कादंबरी प्रमाणे हे वयच जणूकाही Pulse जगण्याचं नसून Impulse वर जगण्याचं असतं या सर्वात नक्कीच चुका होतात मात्र हे सर्व देखील सांगवीकर मोठ्या मनाने मान्य करतो. याच काळात सांगवीकरच्या मनोराज्यात उलथापालट करणारी गोष्ट घडते ती म्हणजे त्याच्या लहान बहिणीचा साथीच्या रोगाने मृत्यू. या प्रसंगाने सांगवीकरच्या मनावर प्रचंड आघात होतो. लहानपणापासून वडिलांविषयी असलेला तिरस्कार तारुण्यातील बेदरकारपणा या सर्व बाहेरील बोथट झालेल्या कवचावर तीक्ष्ण हल्ला होतो. पुढे बरेच दिवस जन्म-मृत्यूच्या विषयी विचार करण्यात उदासपणे निघून जातात. खळखळत वाहणाऱ्या भावनांच्या ओढ्यात महापूर यावा अशी सांगवीकरची मनस्थिती होते. त्यामुळे सहाजिकच बाकीच्या गोटींकडे मन लागत नाही. त्यानंतर पदवीचे शेवटचे वर्ष सुरू होते त्यामुळे अभ्यासही प्रचंड वाढू लागतो. पूर्वसारखे मित्रांसोबत वेताळाच्या टेकडीवर फरियला जाणे, हॉटेलमध्ये चहा पीत-गप्पा मारत वेळ घालवणे, कार्यक्रमांचे नियोजन करणे या सर्व गोष्टींसाठी वेळ मिळत नाही. बहुदा आपलं पुढचं वर्ष देखील असंच भयानक असेल का ? या कल्पनेने अंगावर काटा येतो.

पदवीचे शिक्षण पूर्ण करून देखील मनासारखी नोकरी न मिळाल्याने सांगवीकर पुन्हा गावाकडे वळतो. या पुढच्या भागात नेमाडेंनी बेरोजगारीची भीषणता दाखवली आहे. आज 57 वर्षांनंतर परिस्थिती जैसे थे आहे. मागच्या वर्षी भारतीय रेल्वे च्या नोकरीसाठी अर्जदारांची संख्या ही ऑस्ट्रेलिया खंडाच्या लोखसंखेपेक्षा जास्त होती. चतुर्थ श्रेणी साठी देखील पदवीधर अर्ज करताना दिसतात यावरून याची दाहकता दिसून येते. पुढे सांगवीकर गावी जातो तेथे शेतीतून आलेली पैशांची संपन्नता मात्र त्याच वेळी उर्वरित मंडळीच्या अशिक्षितपणामुळे आलल्या उर्मटपणा या

सर्व गोष्टीत सांगवीकरच्या मनाची ओढाताण होते. शहरातील वैचारिक संपन्नतेची पोकळी त्याच्या मनाला सतत सलत राहते. अशा अर्थाने सुरुवातीला 'एका उदयनमुख विद्यार्थ्याची आत्मकथा' उत्तरार्धात 'एका पराभूत नायकाची आत्मकथा' होत जाते. आजही परिस्थिती सारखीच आहे! वाढती बेरोजगारी, मंदी आणि त्यातच काँव्हिड-19 मुळे आलेली जागतिक आर्थिक महामंदी. यामुळे आपली परिस्थिती देखील सांगवीकर प्रमाणेच आहे. मात्र



सुयोग सावंत (DIIA)



Tanayaa G.



Tanayaa Gaikar (D3)

# केळीवरचा थेंब

५:२०ची लोकल आली, रोजच्याच डब्यात मी गाडीचे पायादान आणि फलाटामधील अंतराचा अचूक हिशोब करून चढलो. फारशी गर्दी नव्हती, पण नाही म्हणायला श्वास घेण्याइतपत तरी जागा होतीच, उगाच कशाला तक्रार करा म्हणतो मी. कुर्ला ते पनवेल हा एक तासाचा लोकल प्रवास म्हणजे द्राविडी प्राणायाम, एक गोष्ट चांगली ती म्हणजे वाशी पूल. पूल जवळ येताच येणारी थंड दमट हवा पूर्ण दिवसाचा थकवा, केळीच्या पानावरून अलगद ओघळणाऱ्या थेंबासारखा क्षणात नाहीसा करते. अलंकारिक भाषेत वर्णन काय छानच हो, मी मात्र अजूनही मोकळ्या श्वासाच्याच शोधात होतो. बाजूलाच उभे असलेले, मी काय करतोय ह्यावर डोळे लावून बसलेले एक काका हळूच जोराचा धक्का देऊन पुढे गेले. मनातल्या केळीच्या पानाचा चुरा झालाच आणि थेंबाचं म्हणायचं तर घामाच्या धारा होत्याच, आता त्या नेमक्या कोणाच्या होत्या हे सांगणं जरा कठीणच!

कसाबसा मीदेखील आत शिरलो. वाशी पूल येण्याआधी खिडकीजवळ पोहोचलो म्हणजे झालं. पुन्हा विचार सुरू होतात तोच समोर एक सीट मोकळी झाली. लोकलमध्ये इतर काही मिळो अगर न मिळो, स्पर्धा मात्र टप्प्या टप्प्यावर. आता ही सीट माझ्या आज्याने माझ्यासाठीच सांभाळून ठेवलीय, अशा आविर्भावात सर्वजण तिच्या दिशेने धावतात. माझ्या पुढे गेलेले ते काका आणि मी ह्याच परिस्थितीत होतो. मला ती मिळणं कठीण होते पण तरीही “वयस्कर आहेत बसू द्या त्यांना” असं म्हणून मी पण न मिळालेल्या सीटवर माझ्या मनाची समजूत काढली. काका सीट मिळाली म्हणून खुशीत होते. ऐटीत बसून सकाळ पासून बहुधा दहा वेळा चाळलेला पेपर ते वाचू लागले. ह्या धावपळीत खिडकीजवळ मात्र आलो आणि मग तसाच उभ्याने प्रवास झाला. उरलेला प्रवास पुस्तक वाचण्यात गेला.

वाशी पूलाबद्दल खास असं काहीच नाही, पूलासारखा पूल तो. हजारो लोकांच्या प्रवासात येणारं एक ठिकाण. रेल्वेत अनेक अनोळखी व्यक्ती एकाच वेळी अजाणतेपणी एकाच ठिकाणी एकत्र येतात आपापल्या निश्चित स्थळी जाण्यासाठी. प्रत्येकाचं आयुष्य पुलाजवळ आल्यावर जरा स्थिरावतं, सायंकाळच्या रवी किरणांनी चमचमणाऱ्या लाटा शांतपणे अनेकांच्या आयुष्याच्या कहाण्या ऐकताना भासतात, अथांग समुद्र हे सारं कुतूहलाने पाहत असतो, पुढच्या लोकलच्या प्रतिक्रेत नव्या कहाण्यांचा मागोवा घेत.

एक तासाचा प्रवास अखेर संपला. रोजचाच मार्ग दरदिवशी किती नवा वाटतो हे तर नवलच! पनवेल आलं आणि मी घराच्या दिशेने निघालो, पुन्हा हा प्रवास अनुभवण्याच्या तयारीत, सीट मिळवण्याचा स्पर्धेत सहभागी होण्यासाठी, केळीच्या पानावरचा थेंब अनुभवण्यासाठी. गर्दी नाही मिळाली म्हणजे झालं, नाही का!



राज राजन तलशिलकर (DIIA)

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ये साल जिसने किसी से उसका सब कुछ छीन लिया,  
किसीके अपने छीन लिये,  
तो किसीको इतना अकेला कर दिया की  
उसको अपने से दूर जानेपर मजबूर कर दिया ॥१॥

किसीको जिम्मेदारी का असली मतलब सिखाया,  
अनगणित पुलिस, वैद्यकीय कर्मचारी  
और बहुत सारे कोवीड सुपरहीरोज ने  
निडरता से अपना फर्ज निभाया ॥२॥

हसते-मुस्कुराते परिवार को तपती धूप में दिन-रात चलने पर मजबूर कर दिया,  
यहा तक की थकावट से जिन लोगों ने रेल की पटरी का आसरा लिया था,  
ऐसे न जाने कितने मासुमों की हादसे में जान चली गयी ॥३॥

चोबीस घंटे जागने वाले शहरों को  
एक पल में सुनसान जगह बना दिया,  
मानव को उसीकेही घर में बंद कर दिया,  
धनदौलत, प्रतिष्ठा से बढ़कर परिवार,  
मनशांती और स्वास्थ्य का महत्व समझाया ॥४॥

ये साल जिसने अनिश्चित काल से हमें मिलाके  
अलग सुकून का एहसास दिलाया,  
इस साल ने सबको कुछ ना कुछ सिखाया ॥५॥



किशोरी लाड (DIIA)

# अनिश्चिततेच्या काळात लवचिकता

जसं इंग्रजीत म्हणतात “change is the only constant” तसच सध्याचा काळ बघून आपण शिकलो की ‘अनिश्चितता ही कायम आहे’. भारतात एक काळ असा होता की अभियांत्रिकी (engineer) ही पदवी मिळवल्यावर हमखास नोकरी मिळे, पण आता तशी परिस्थिती नाही! जस शिक्षणात, तसच आयुष्यात इतर सगळ्या बाबतीत. आज कोहली ने एखाद्याला टिम मध्ये घेतलय, म्हणजे पुढच्या सामन्यात पण घेइल याची खात्री नाही, ही पण अनिश्चितताच नाही का? थोडक्यात काय तर, प्रत्येक क्षणात अनिश्चितता असते. ह्यात बदल घडवण काय आपल्याला शक्य नसल, तरी काळाप्रमाणे स्वतःस बदलणं, लवचिक बनणं हे आपल्याच हातात आहे.

याच अत्यंत योग्य उदा. म्हणजे नरेन्द्रनाथ दत्त. त्याच्या आयुष्यातील काही प्रसंग पाहूया :महाविद्यालयात असताना वडिलांचे अकालिन निधन झालं आणि त्या बरोबर साऱ्या कुटुंबाची दारिद्र्याशी ओळख झाली. जवळचे नातेवाईक त्यांना शत्रू समान वागवू लागले. कुटुंबाची पूर्ण जबाबदारी नरेन्द्रच्या खांद्यावर पडली. या काळात त्यांना एकच आधार होता-

गुरू रामकृष्ण. वडील निधनाच्या दूखातून सावरतो, तर त्यांचा आधारस्तंभ असणारे गुरू २ वर्षात देवाघरी गेले. आता खायला अन्न आणि राहायला हक्काची जागा, दोन्ही नव्हतं. गुरूबंधूंची जबाबदारी देखील आता त्यांच्यावरच. उपाशीपोटी व अनवाणी पायाने, कडक उन्हात, ते दारोदारी फिरत. कधी नोकरी शोधत, तर कधी अन्न मागित .काहीवेळा अनेक दिवस अन्नाशिवाय काढावे लागत. एकाचवेळी त्यांना शारीरिक, मानसिक व भावनिक अडचणीना सामोर जावं लागलं. हे सगळंच त्यांच्या सहनशीलतेबाहेर होतं.

हा काळ इतका अनिश्चिततेचा होता, पण त्यास नरेंद्र सामोरा गेला, खचून न जाता तो लढला. ह्यात त्याची मानसिक लवचिकता अत्यंत महत्त्वाची ठरली.

मानसिक लवचिकता इतकी की ते नेहमी स्वतःला सांगत, “ श्रीकृष्णांचा आदर्श व त्यांचे विचार हे अखंड मानवजातीसाठी कल्याणकारी आहेत. ते जगातून नष्ट होण्यापेक्षा आपल्याला थोड्या यातना सहन करायला लागल्या तरी चालतील. कुठलही महत्कार्य हे बलिदाना शिवाय होत नाही”. ते असेही म्हणतात “Sometimes I would pray for five or six days and nights together without stopping. Oh, the agony of those days! I was living in hell! What agony! What torture! What terrible suffering is behind every deed of success in every life!”. इतके अडथळे असताना सुध्दा, ते स्थितिस्थापक होते आणि म्हणूनच नरेंद्रचे ‘स्वामी विवेकानंद’ झाले. ह्या घटना तर फक्त त्यांच्या सन्यासी आयुष्यातल्या सुरुवाती काळातल्या. अशा असंख्य प्रसंगात त्यांची शारीरिक, मानसिक व भावनिक लवचिकता दिसून आली आणि त्यामुळेच ते अडचणींवर मात करू शकले, आणि आज अवघे भारतवर्षच नाही, तर संपूर्ण मानवजात त्यांची ऋणी आहे.

असे लवचिकपणाचे, स्थितीस्थापकत्वाचे अनेक प्रसंग आपण पाहू शकतो : आपल्या महाराजांनी अफझलखानाशी (युद्ध न करता) विकलेली लढाई,विजयनगरच साम्राज्य,आत्ताच्या कोरोना काळातील अगणित उदाहरणे आणि एकदम ताजं उदा. रवि अश्विन आणि हनुमा विहारी ची ‘partnership’.

यवढच काय, भारत हे राष्ट्र म्हणून पण पूरातन काळापासून किती resilient राहिलय!!.

८००-१००० वर्षांपूर्वी पासून आपल्या देशावर शेकडो आक्रमण झाली; तरीही या भारतमातेने तिची संस्कृती, तिचा धर्म, तिच्या भाषा, तिचं ज्ञानभांडार इ. मिट्टू दिलं नाही.

हे किस्से सांगण्याचा उद्देश इतकाच की लोकांना resilience (लवचिकतेचं) महत्त्व पटावं आणि या अनिश्चिततेच्या काळात प्रत्येकाला एखादं स्फुर्ती/प्रेरणस्थान मिळावं.



चिन्मय प्रभुघाटे (DAB)

# वास्तविकता

'मनुष्य की न समाप्त होने वाली इच्छाएं ही उसके दुखों का कारण हैं।' परंतु किसी भी प्रकार की इच्छा व चाह न रखने वाले जीव को मनुष्य का दर्जा दिया जा सकता है। बात स्पष्ट है कि सुख व दुख मानव जीवन का एक अविभाज्य अंग है। कोई भी अभी तक इनसे बाच नहीं पाया है। मैं पुराणों में उल्लेखित साधु-संतों की बात नहीं कर रहा। वे तो सुख-दुखों से छुट्टी पा लेते हैं, उन वैरागियों का साहस किसी के सामने नहीं लड़खड़ता।

स्वमूल्यांकन के बाद पता चला कि ज्ञानी तो समझाते हैं, कि अवश्यम्भावी है, उसके होने का क्या दुख? जी हाँ, मौत भी तो अवश्यम्भावी है, तो जिंदगी भर मरघट पर अपनी चीता रचते रहे? और ज्ञान से कहीं हर दुख जीता गया है? वे क्या कम ज्ञानी थे मरणासन में पड़े लक्ष्मण का सिर गोद में रखकर विलाप कर रहे थे। अर्जुन को सत्य और धर्म का ज्ञान देने वाले की आँखें जब गोकुल की व्यथा सुनकर नम हो गईं, तो हम सामान्य मनुष्य दुखों का शोक क्यों नहीं मनाये। याद आती है मुझे, कवि केशवदास की, जिनके बाल यौवन में सफेद होने के कारण रूपवती सत्री ने उन्हें 'बाबा' संबोधित कर दिया। मैं आपके मन की ऐंठन को बखूबी समझ सकता हूँ। सफेद बाल आने का दुख भी अत्यंत दयनीय है। आदमी हिसाब लगाने लगता है कि अब तक क्या पाया, आगे क्या करना है और भविष्य के लिए क्या संचय किया। इस तरह यौवन ढलकर बुढ़ापे की तरफ चला जाता। दुख तो उन्हें नहीं होता जो बूढ़े ही जन्में हैं। यह एक द्विमुखी संघर्ष है दूसरो को भ्रमित करना और मन को समझाना।

यौवन सिर्फ काले बालों का नाम नहीं है। यौवन नवीन भाव, विचार ग्रहण करने की तत्परता; उत्साह, साहस व खतरे-भरी जिंदगी का नाम है। यौवन बेहिचक बेवकूफी करने व निर्भयता का सुख है। फिर आज हमारे सामने एक निर्णायक प्रश्न क्यों खड़ा है? हम न ही सुखों के सपने देखना बंद कर सकते हैं और न ही दुख हमारा साथ छोड़ेगा।

हमें सुखों के साथ साथ दुखों का तात्परतापूर्वक ग्रहण करना होगा।



शुभम गुप्ता (D2C)



Siddhi Chandrashekar Bhabal  
(MCA FY 1st Shift)

# लोगों का काम है कहना

लोग तो हमेशा देखते रहेंगे,  
मुस्क्राते हुए, गुनगुनाते हुए पीठ पीछे तुम्हारी बात करेंगे।  
लेकिन यही तो है इन्का धर्म और काम,  
वरना इसके बिना वह कैसे जिएंगें?

इन सारी बातों पर तुम ध्यान मत देना,  
बिना डरे, बिना संकोच सफलता की ओर चलते रहना।  
वह तुम्हें तुम्हारे मार्ग से हटाकर तुम पर हस्ना चाहेंगे,  
पर तुम अपनी मंज़िल की ओर डटे रहना।

काफी सवाल आते होंगे तुम्हारे मन में,  
क्या हो पाएगा तुमसे इस जनम में?  
मेहफूज़ रखना इस बात को अपने दिल में,  
की सफल हुए वह,  
जो लेकर घूमते थे एक मुस्कान अपने चहरे पे।

जिस तरह चाहो, जिस गती से चाहो, बस आगे बढ़ते रहना,  
चाहे जितना भी बुरा तुम्हारा हाल हो, उनके सामने हस्ते रहना।  
बातें तो यँही चलती रहेगी,  
क्योंकि लोगो का तो काम ही है कहना।



करण गाडा (D9B)

# Soldier

वह वीर है, वह फौलाद सी शमशीर है ॥  
सुख नाह उससे ज्ञात्त |जिसकी करता नहीं यह बात ॥  
क्या मजहब? क्या होती है ज्ञात |  
जो मेरे लिए जला है , जो बर्फ में चला है |  
वह देश की शान है , यह फौजी बहुत महान है |  
यह घायल करता क्रोध है ॥आज उस फौजी से अनुरोध है |  
की उस आतंकवादी को लहू लुहान कर |  
उससे तू ऐसे हलाल कर ॥  
की उस जिहादी पर कभी न थूकने का मन करे |  
देख यह प्रचंड रूप ॥ उसकी रूह कप कपायेगी |  
वह जहन्नुम गया जहन्नुम ॥अब उसके आका की बारी आएगी |



अर्जुन शर्मा (D19B)

# पहला Lockdown

सुबह अब पहले जैसी नहीं रही, गाडीयो के धुवे की हवाओ मे गंध नहीं रही ।

पक्षीयो की चहचहाट गुंज रही है, प्राणीयो को मानो स्वतंत्रता मिल गयी ।

बुजुर्गो को मानो नयी तरहसे परिवार मील गया,  
बच्चो को मानो नया सिखने का अवसर मील गया ।

युवा पिढी को जागरुकता के जरीये देश को सुरक्षित रखने का मौका मील गया,  
प्रदुषण जैसे कम हो गया ओझोन का आवरण और ताकदवर हो गया ।

दिवारे असलीयत मे घर बन गयी, हमारी एकता से अब कोरोना भी डर गया,  
दुम दबाके भागने की तयारी मे जुड गया ।



किशोरी लाड (D11A)

# देवा

लोक हरवले ओळखीचे  
देवा पुन्हा एकत्र त्यांन आणशील का?  
स्वप्नांचे घर सुटले वाटेवर  
देवा... पुन्हा ते घरपण देशील का?

डॉक्टर्स ची जिद्द आहे प्रत्येक  
जीवाला जिंकण्याची  
पोलिसांची जिद्द आहे,  
कर्तव्यात न हरण्याची  
देवा... यांच्या जिद्दीला व त्यांच्या परिवाराला सुखरूप ठेवशील का?

कित्येकांचे आयुष्य संपले...  
त्यांच्या जवळच्यांचे  
या दुःखात मन गहिवरले  
देवा... त्यांना तरी तुझा आधार देशील का?

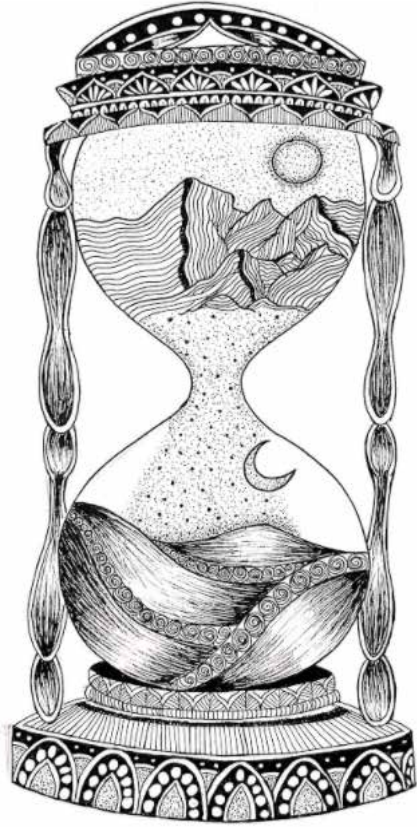
गप्प मी अन शांत सगळे...  
विचार काय अन झाले वेगळे  
नको ते संकट समोर आले  
देवा... आतातरी या संकटाला  
जरा दूर नेशील का?



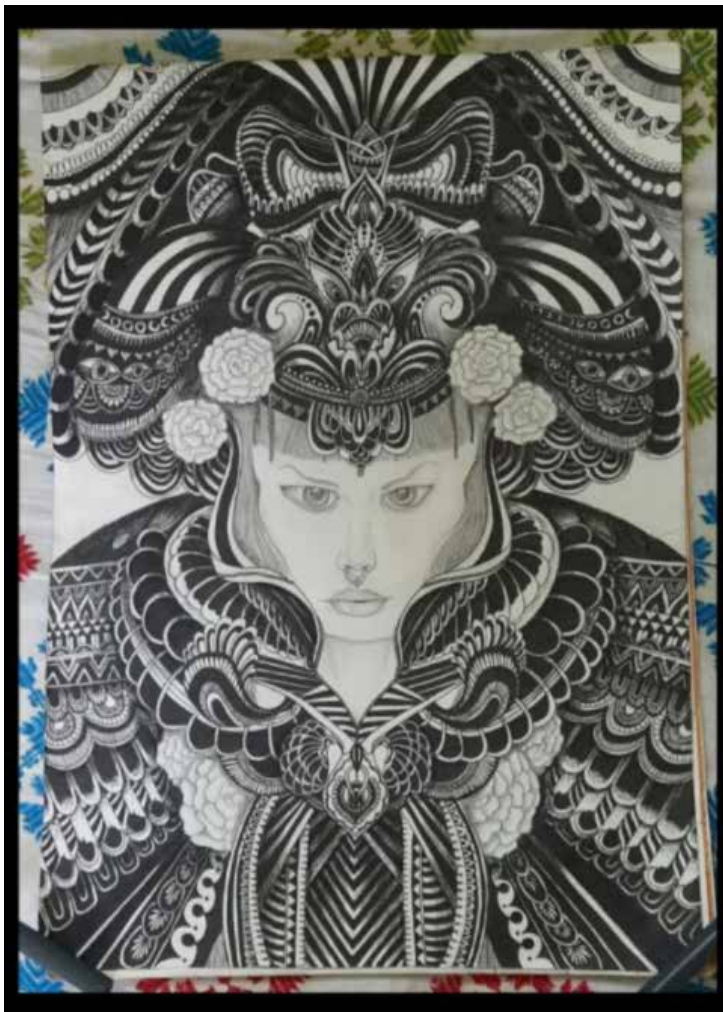
अदिती नाईक (MCA-2B)



Saakshi Karkera (D9A)



*Heeral Chumber (D9B)*



*Titli Jhamnani (D2B)*



Tanayaa GaiKar (D3)



Janhavi Khanvilkar (D1AD)

# पहिल्यांदाच

खरंतर दिवसभर घराबाहेर असणारा मी पहिल्यांदाच घरात एवढ्या दिवसांसाठी अडकलो. परीक्षा होती, नावालाच. अभ्यासाचा मूड नव्हता. आई-बाबांना कामाला जायला लागत होतं, त्यामुळे मी आणि ताई घरात दोगंधच.

पहिल्या पहिल्यांदा फार भारी वाटलं की आयुष्यात पहिल्यांदाच एवढी मोठी सुट्टी मिळाली आहे. त्यात घरात कोणी नाही! पहिल्या 15-20 दिवसांत खूप सिरीज बीज केल्या. पण मग मात्र खरा कंटाळा यायला लागला. पण या कंटाळ्यातच खुप गोष्टींचा शोध लागला, पहिल्यांदाच!

पहिल्यांदाच वाटलं की हा 2 BHK फ्लॅट एवढा मोठा आहे. मला तर हवेली वाटायला लागला फ्लॅट आमचा. पहिल्यांदा कळालं की पिठलं बेसनाचं बनतं. पहिल्यांदाच कळलं की आमच्या कॉम्प्लेक्स मध्ये इतकी लोकं राहतात, आणि ती आपल्याला पण ओळखतात पण आपण नसतो त्यांना ओळखत. प्रत्येक कॉम्प्लेक्स मधल्या माणसाला आपण काय शिकतोय, कॉलेज मध्ये काय लफडी करून ठेवलीत हे सगळं इथंभूत माहिती असते. त्यामुळे त्यांना आई-बाबांपासून थोडं लांबच ठेवलेलं चांगलं.

पहिल्यांदाच कळलं की टीव्ही वर इतके चॅनेल आहेत. आपण बिनकमी तेलगू तामिळ चॅनेल्स चे पण पैसे देतो, पण हे पण कळलं की बाबा कळत नसताना ही ते चॅनेल लावून ठेवतात. पहिल्यांदाच जाणवलं की F.R.I.E.N.D.S. मध्ये रॉसच बेस्ट आहे. पहिल्यांदाच कळलं की घरात जुन्या कॅसेट आहेत, ज्या चालू होत नसल्या तरी आठवणी म्हणून ठेवल्या आहेत.

पहिल्यांदाच कळालं की मी आणि ताई न भांडता जास्तीत जास्त 2 तास राहू शकतो. पहिल्यांदाच कळालं आईला कोबीची भाजी खूप आवडते. पहिल्यांदाच कळालं की पालक पण छान लागतो. पहिल्यांदाच कळालं की आजी गाणी लिहीते.

जश्या बऱ्याच गोष्टी पहिल्यांदा कळाल्या तश्याच काही पुन्हा सुद्धा कळल्या. जसं पुन्हा एकदा कळलं की आपल्यालाच चित्र काढता येत नाही. पुन्हा कळलं की आपण सलग 12 तास झोपू शकतो, अजूनही स्टॅमिना कमी नाही झाला. पुन्हा कळलं की जो पर्यंत कोणी उठत नाही तो पर्यंत आपण चुकून सुद्धा उठत नाही.

एवढ्या सगळ्या गोष्टी या 6-7 महिन्यात कळल्या. तरी अजून हेच वाटतय की नक्की 6-7 महिन्यात केलं काय आपण?



निखिल गोरे (D3)

# नसीब

खुदकी निष्फलता न स्वीकार कर  
चाहो उसे किसी और पर मढ़ना  
या मेहनत से मिले किसीको ऊँचा स्तर  
पर नीचा हैं उसे दर्शाना

क्यों तभी ही मैं किया जाता हूँ याद  
क्यों कोसते हो नसीब ही खराब हैं मेरा  
नसीब से चमका कहकर क्यों करते हो वाद  
तू क्या पायेगा निश्चय करेगा कर्म तेरा

मैं हूँ नसीब; तुम्हारा अपना सहायक  
परंतु तुमने तो मुझे अपने कर्मों का उत्तरदायी बना दिया  
मैं हूँ तुम्हारे मार्ग पर दीप जलाने वाला नायक  
परंतु उस पथ पर तुम्हारे कर्म ही फल निश्चित करते हैं मिया

सुकर्म करते जाओ, सदा सहयोगी रहूंगा तुम्हारा  
मेहनत और ईमान से ही बनोगे चमकता तारा



ध्रुवी चौहान (D11A)



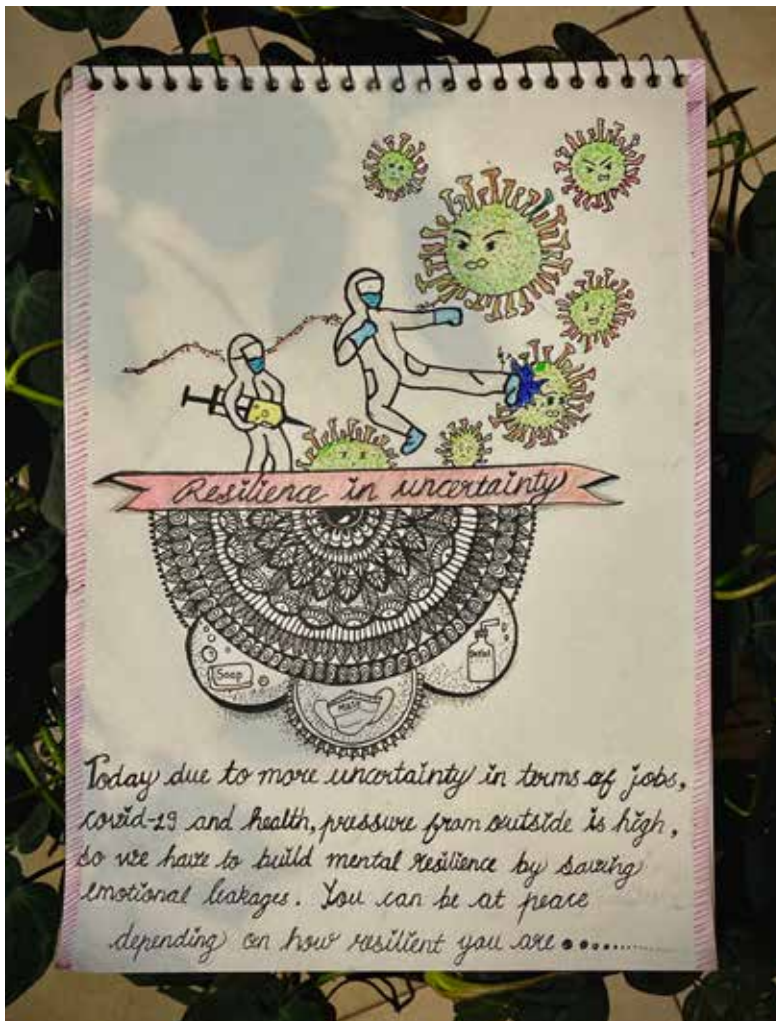
Life is all about  
EXPRESSING



Drishti Vasant Katiyara (D7B)



Pooja Narayanan (D4A)



Anushka Sunil Darure (D4A)



C.S.Lakshmi (D3)



Tanayaa Gaikar (D3)

# ऑनलाइन वर्ष

बापरे!! खरंच काय कमाल होतं हे वर्ष  
क्वचितच लोकांच्या चेहऱ्यावर दिसले हर्ष

बाळा पासून ते आजोबा पर्यंत सारे मास्क मध्ये अडकले  
आता सगळेच जण शेवटी घरात बसून कंटाळले

दूर असणाऱ्या आपल्या माणसाच्या गाठीभेटी राहिल्यात  
ऑनलाईन गप्पागोष्टी मध्ये खूप भावना मनातच राहिल्यात

शाळेपासून कॉलेज पर्यंत सारं काही ऑनलाईन झालाय  
खरंच आता मित्रांना आधी सारखं मस्त भेटावस वाटतंय

कमाल त्या सगळ्यांची ज्यांना आपल्या जवळच्याच लग्न ऑनलाईन पाहिलंय  
करण आयुष्याच्या या अतूट बंधनाच दुस्सन्नच साक्षीदार व्हावं लागलंय

बरेच हस्ते खेळते परिवार बिखरलेत या वर्षात  
प्रार्थना आहे देवा, सगळ्यांना सुखी ठेव नववर्षात



अदिती नाईक (MCA-2B)

## मजदूर

वो हमारा देश सजायेगा  
और मीलो दूर पैदल जायेगा  
वो अपने बच्चे को बिस्किट खिलायेगा  
और खुद खाली पेट सो जायेगा  
वह चमकती धूप में अपने आंसू सुखायेगा  
और ठंडी रात में भी सो ना पायेगा  
वो हर पल गभरायेगा  
क्या वो घर जा पायेगा?  
या एक ट्रक से कुचला जाएगा  
हर उगता सूरज एक आशा दे जायेगा  
कि आज वह घर जायेगा  
वो फिर मुस्कुराएगा और चलता जायेगा  
क्यों वो मजदूर है  
क्योंकि वो एक मजदूर है



अर्जुन शर्मा (D19B)

# Getting Locked Down

You will miss the sunshine dance on your face.  
You will miss watching the daisies dance.  
You will miss running on the streets and greeting kind people in the neighbourhood...

You will miss the togetherness and the human touch.  
You will be worried for those you love and can't be with.  
You will know what home means to you and who means home to you...

You will take time to do things you've always wanted to do.  
You will make art; clean your home, cabinets, shelves, cupboards and your heart.  
You will read, texts, classics, and horrific news from around the world...

You will feel sad for the ones who lost their lives, you will feel helpless for the loved ones who lost their loved ones. And you will learn to gather hope and get back up with resilience.

You will attend zoom calls and forget to mute your mic, and you will see your friends through that screen and that will calm your eyes and your hearts. Long texts won't make up for the warm hugs but they will surely make you feel warm.

You will religiously and mindlessly rub sanitiser on the palms of your hands. Masks will be the most important part of your outfit. And the alarm of 'social distancing' will ring in your mind when you step out for essentials.

You will miss your friend for the warm embraces and soft giggles.  
You will miss the same mundane but mingling life.  
You will want to do the same old things, out and around your people...

Because you will now know that along with what you do, 'who you do it with' matters a lot and even more.



*Anushka Kulkarni (D9A)*

# Haikyuu!! Has to be your next Watch

For more than five years, I looked back at my sporting days in school with a bit of pain and irrelevance. In those 5 years, I thought I was just disappointed in myself for not beating my time, and ashamed I wasn't as good as my teammates. A Shonen Anime, Haikyuu!!, made me realize that it's more complex than just that. There was a time when I sporting, specifically swimming and volleyball— where practicing meant getting better, and cheers from my teammates during a relay thrilled me. As my own skill plateaued, no matter how hard I worked despite working harder, I already began to slip away from that feeling before the race where I cried. Soon after, I was old enough to not participate in U-14 tournaments with my team. With boards upcoming and realising the responsibilities which were about to pile up (A stage of maturity Indian teens are made familiar to all too soon), sports came to a halt.

It was in my last year of high school when I was searching up and binging on whatever anime, show or book I found interesting, that I came across Haikyuu. Simply put, Haikyuu is a sports anime that follows Hinata Shouyo and his team, Karasuno High. Hinata dreams to become a renowned volleyball player despite his small stature, something which gives one a severe disadvantage in a game like Volleyball. Adapted from the best-selling shonen manga series written and illustrated by Haruichi Furudate, the anime has gained a legion of fans from around the world, including many professional athletes from all around the world.

The brilliance of Haikyuu!! is that it extends this feeling of the will to win to both sides of the net. The show rarely paints the teams opposing Karasuno as outright antagonists. Instead, they're given nuance and motivation. Even the more antagonistic teams, specifically Aoba Johsai High, get significant depth — they aren't just simple rivals. The opposing teams want to win just as badly as Karasuno — sometimes I wasn't even sure who I wanted to win. Karasuno always winds up as the audience's rooting interest, but even when they're facing their most intimidating opponents, I can't help but feel a little bad for the losing team. The captain of Aoba Johsai in fact happens to be my most favourite character of all times, second (by a tiny margin) only to Hinata.

The Haikyuu!! players don't want to win just for victory's sake, though that's certainly a big part of their drive. They want to win because that means they'll get more chances to keep playing their sport, more time to do what they love. Losing isn't so much about defeat as it is about being pushed out of a tournament, with fewer chances to play competitively again. The initial episodes of Haikyuu could feel like a drag (an issue which infects even the best of all time animes) until Karasuno entered the inter-high tournament — until "Winners and Losers". After that, my investment touched on a feeling I wasn't even aware I held. Our Karasuno team entered the arena for their first match of the tournament, along with many other teams. Their first match was against Tokonami High, the game was fairly one-sided, given how much Karasuno improved in the past few months. But the Tokonami team rallied for a game they knew they would lose, because they wanted to keep playing the game they loved... for just a bit longer. It was this insight that Furudate held for almost every character, that made me fall madly in love with this story. Haikyuu has much to offer to the viewer, beautiful and accurate visuals, amazing OST, wholesome friendships, well-articulated character design and emotional field trips which feels like free therapy, watching Haikyuu is a ride that would make you wanna revisit it again! Even if you are not into sports, the series would be still as inviting for you. The themes and storyline would hit you just as hard, regardless of whether you care for volleyball or even sports.

As for me, Haikyuu!! helped me understand my own complicated feelings about swimming and volleyball, and unpacking my days as a competitive player helped me understand sports in general. It's not entirely about the glory of victory, so much as it is a dedication and love of the feeling of playing the sport. I know the specific details of what that journey means for me, and seeing it unfold on screen in Haikyuu! helped me understand how the sensation extends to players in other sports.

Now I look back on those days fondly with a love I never realized I had. During this quarantine, when everyone was confined in homes, I took up a fitness regime for the first time, and a few months ago, got in touch with my friends and ex-teammates to invite them over a match again in years. And all it took was an anime about volleyball to help me understand my own history, and what it was like to strive to be a bit better, and be a part of a team again.



*Srستی Sharma (D10B)*

# A Note to Self

The recent unprecedented times serve as a living example of “Resilience In uncertainty”. We have come across individuals emphasising the ‘new normal’ lifestyle which has crawled its way into our lives. The pandemic situation has taken a toll on all, leaving people jobless, rupturing families apart & degrading mental health.

In my opinion, the time has come to accept the ‘new normal’ as a normal now and move ahead with aspirations full of hope for the future. The major question is that “Has the aftermath of this situation brought out any good in you?”

The ability to cope with problems and setbacks is known as resilience. The main purpose of life is to not just survive but to grow, bloom and cherish the moments we experience throughout the journey. Human existence is momentary, hence the mere thought of change which is out of our control sends shivers down the spine. It is a psychological fact that people tend to feel a safe space in matters where stability plays a major role. The key to living a fruitful life demands resilience, to be adaptable and strongly rooted will to face and bounce off the hardships. Benjamin Franklin once said: ‘In this world, nothing can be said to be certain, except death and taxes.’ The good news is that becoming more resilient on an emotional level can boost your ability to cope with unknown changes, even the big ones.

A few pointers to cope with uncertainties:

**See things differently:** Instead of dreading the uncertainties in your life, try to see each as an opportunity to learn. Thinking ahead and planning for the future can also make you feel that you have more control over the uncertainties you face.

**Keep a record:** The next time you’re faced with a major change, keeping a note of how you feel about it, as well as how you plan to deal with it, could prove useful. If you have been affected by things such as bereavement, illness, redundancy or financial loss, this can be difficult but those who look hard enough can often find something to be positive about, no matter how small.

**Move on and embrace the power of healing:** When adversities come along that you can’t control, don’t let it get the better of you. Remind yourself that times like these themselves never last and that things will become normal again at some point as the change becomes more familiar to you. One key factor is to keep healing yourself as it will iron out the creases of the scars left behind.

**Share and seek help:** Helping others is a great way to gain experience and build resilience, so take every opportunity to make life easier for those around you. Build a strong support system for yourself, speak up and ask for help when needed.

**Look after yourself:** Changes during the period of uncertainties can be exhausting on an emotional as well as on a physical level. So instead of battling through it, take time to recharge your batteries. At times like these, it’s especially important to remember to eat healthily, to get some exercise and to relax as much as possible.



*Manasi Nerurkar (D6)*

# The Miracle of Istanbul

Football is a sport that develops a wide range of skills in the player, Speed, technique, grace, strength, agility and composure being many of them. An important skill though, which is commonly overlooked is mental strength and resilience. Football can be a ruthless sport if you play with the wrong mentality due to its fast paced nature. Going down a goal or two can affect the will power of the players adversely. There onwards it is a slippery slope. A wrong attitude will ensure a loss whereas the right mentality can propel the team towards sharing the spoils, or even emerging victorious. These are the moments of uncertainty that test the team's resilience to pull through to the finish line.

The footballing world witnessed one of the greatest examples of such will power and resilience, at the grandest of stages. The 2005 UEFA Champions League Final was a clash between Liverpool F.C. of England and A.C. Milan of Italy which took place at the Atatürk Olympic Stadium in Istanbul, Turkey on 25 May 2005. It is the final footballing event of the season for all European footballing clubs, with the winner of the match being crowned the Kings of Europe for that respective year. This stage comes second only to the FIFA World Cup and is the dream of every child trying to make a breakthrough in the sport.

Liverpool entered the final as the underdogs. Club legend and captain Steven Gerrard admitted to being the weaker teams among the two. Milan had lifted this trophy just two years ago and had been successful in consolidating a team that could easily accomplish this feat once more. Paolo Maldini, Andrea Pirlo, Clarence Seedorf, Ricardo Kaka, Hernán Crespo, Milan had legends at every possible position. Liverpool fielded a 4-4-1-1 formation, known for its stability in both attack and defence. Milan on the other hand played as a 4-4-2 diamond formation, a notoriously attacking playstyle developed by manager Carlo Ancelotti. Within the first minute of this duel, Liverpool conceded a free kick at a potentially dangerous area of the pitch. Andrea Pirlo, a master of set pieces, advanced with intent. He pinged the ball to Milan captain Paolo Maldini, who gracefully blasted in to goal. The match continued with Liverpool putting up a good fight and keeping Milan on the edge. As the game developed into the final stages of the first half, the Liverpool defence was finding it cumbersome to deal with Milan's attacking trio of Kaka, Shevchenko and Crespo. These difficulties came into the spotlight at the 39th minute, when the trio played with Liverpool's defence before increasing Milan's goal tally to 2. Hernán Crespo scored his second goal of the day at the 44th minute, by simply chipping the ball over Liverpool goalkeeper Dudek. The first half came to a close with Milan on the verge of claiming Europe's bragging rights. In the opposite dressing room, Liverpool were drowning in a 3-0 goal deficit and their 20 year long European dream seemed to be crumbling into pieces.

This would be the perfect time for the big personalities in the dressing room to step up and deliver an inspirational pep talk to motivate the team. Dietmar Hamann who came on at half time, replacing Steve Finnan for Liverpool, in an interview gave an insight of the happenings in the dressing room at half time. "That night in the dressing room was pretty boring. Not an awful lot happening. Everybody was calm and pragmatic. The manager asked us to have a drink and discussed the plan of action from there onwards. We knew we couldn't look into the past and that it was of no use. There was no space for pointing fingers and blaming in the dressing room", he said.

Liverpool manager Rafael Benitez changed the playing formation to 3-5-2 in an attempt to reduce the deficit. This change would allow the Legendary Steven Gerrard to play in a more advanced role at the top of the pitch, with the elegant Xabi Alonso and Hamann occupying the centre of the pitch. The team was prepared to give their heart and soul to salvage a comeback. Their efforts bore fruit in the 54th minute when Gerrard headed in Riise's cross beyond Milan goalkeeper Dida. 90 seconds passed. BANG. Šmicer had scored an absolute belter from long range. Liverpool moved back within reach. The fans went berserk. The world was about to see a historic upset. The footballing gods seemed to be on Liverpool's side as they were awarded a penalty at the 60th minute. Xabi Alonso stepped up to the spot. Alonso versus Dida. Two players who were masters of their trade. Alonso shot. Dida saved. Unfortunately for Milan, the ball fell right back to Alonso who pinged the ball into the back of the net. Liverpool had done it in a matter of 6

minutes. The teams were tied. When all seemed to be lost, this team stood right back up and took on the challenge. The 90 minutes ended as a draw.

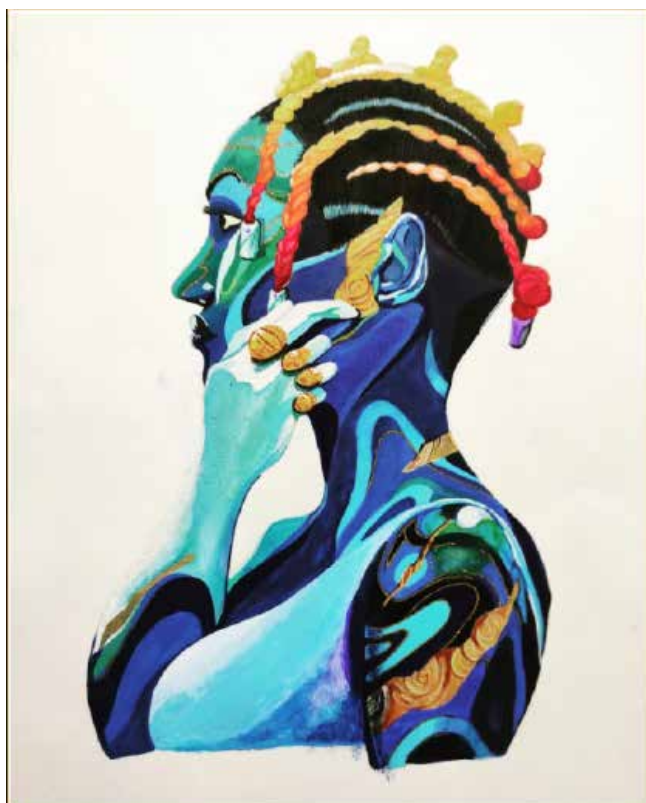
The extra time of 30 minutes was well fought between these two giants with the only key moment being an outstanding double save by Liverpool goalkeeper Dudek against Milan. The finals was about to be decided on penalties for the 13th time in the history of the competition. Goalkeepers Dida and Dudek shook hands and exchanged hugs for putting up a worthy fight before stepping up to the goal line. The penalties are the most stressful aspect of the game. They hugely impact the mental strength of even the greatest of players.

Serginho took the first penalty for Milan and put it wide. Liverpool capitalised on this mistake via Hamann. Milan's Andrea Pirlo had his effort saved by Dudek. Cissé blasted the ball into the goal to put Liverpool 2-0 up. Tomasson scored for Milan to salvage a point. Riise, who had earlier assisted Gerrard, came short of scoring and couldn't beat Dida. Kaka and Šmicer scored, making the next penalty crucial. Shevchenko had to score to keep Milan's hopes alive. He tried to outsmart Dudek and chipped the ball into the centre of the net but Dudek rose to the occasion and made an exemplary save.

The deal was done. Liverpool had done it. They had beaten the favorites. They had fought against all the odds and emerged victorious through sheer resilience. "The European Cup didn't fancy Paolo. She wanted Steven. The only reason Liverpool weren't fatally wounded by a first half blitz is the fortunate fact immortals can't be destroyed. It shouldn't have happened. Some of us aren't convinced it did. Only the pinch marks confirm it. We thought it was all over. It wasn't", said the Liverpool Echo match report. These are the stories that build huge characters. The raw grit and will power to not give up till the very last second. Looking adversity in the eye and overcoming it. These are the invaluable lessons imparted by such stories



*Vaidyanathan N (D8)*



*Shruti Parab (D11A)*

# Eternal Inquest

It's been a while since I've spoken,  
words linger all over,  
yet none seem familiar,  
none lending a space to grieve,  
or better even to flee.

There's chaos in my nerves,  
seeking suo motu on callous invasions, ripping guts apart,  
to address the turmoil,  
juxtaposing unknown silence.

The trail of despair is far too unfair,  
demanding untimed patience,  
borrowing a torn crux,  
for who is to time this?  
persistence since dawn,  
and hopes which are long gone.

The pitch of acceptance  
must weigh over the summon of incongruence, crashing the pivot of outrage,  
laying pavements anew,  
wisdom wonders if when all of this,  
would ever become true.

The unclear strolls of pursuit,  
humming the tunes of revelations,  
denying the binary,  
transgressing for reason,  
scrolling through lives,  
allowing for one's very being,  
everything feels unsure.

My fingers tremble curling around my head, contemplating the suicide of convention, rejoicing an ounce  
of carte blanche, the one of staying up late in the morning, as though gloom and destiny,  
were all within a clap back.

Looking up at the sky,  
staring at clouds gnarling moonlight, yet the latter dancing on my nose, these conniving routes of charter  
deliver what I pretend to sighly prude by.



*Mihir Pamnani (D7C)*

# A Familiar Dream

I still remember where I saw her first,  
In the classroom with a bottle in her hand she was quenching her thirst.  
The next day I saw her on the station guiding someone,  
I wondered if I could be the lost one.  
For a few month's I did not express my feelings,  
But on her birthday,  
I proposed her with a rose and pair of earrings.  
She said yes and it all started,  
Life was beautiful,  
with this girl who was soo kind-hearted!  
With her I was never in loss,  
Life felt like a candy floss.  
We went on dates near and far,  
Sometimes on scooty and sometimes in car.  
We planned our future together,  
With a lot of hope and love for each other.  
But this destiny stepped in,  
And broke us from within,  
On the day of college farewell,  
She came to me and said we have unfamiliar dream and she thought she ended it well!  
Then we both parted our ways,  
But I still love her is what my inner soul says.  
Yesterday after 10 long years our company hosted a party for promotion,  
Seeing her there life went into slow motion.  
My wife who owns this company was the host,  
Little did I know she gave us both the same post!  
That moment I realised our cakes were same with different cream,  
Standing beside her and sharing the same post felt like a familiar dream, a familiar dream!



*Siddhi Amar Bhosale (D7A)*

# 2020 : A Fight Club for all

When I first had the realization that the virus would have us all locked in not just for a couple of weeks but for months to come, I gave out a sigh of relief. After 2 years of rigorous preparation for entrance tests, followed by the summer anxiety while awaiting results and then the admission process which kickstarted my engineering life, I had finally caught a break. It was time to watch all the movies I had been adding to my 'Watchlist'.

From classic Hollywood cult films to Bollywood blockbusters and even some animated cartoon films, I embarked upon a journey of binge-watching. But if I were to pick one film out of the fifty odd films I watched, it would be 'Fight Club'. Apologies to the movie buffs as today I'm going to break the first rule and talk about the Fight Club.

What is the Fight Club? On the surface it's literally a club of people fighting each other in underground tunnels or empty parking lots. But as you scratch the surface you realise that the deeper plot is about how us humans are whipped and succumbed to the falsities of the world of consumerism. It is about how even after having everything, we end up feeling empty inside.

2020 was a lot like Fight Club. It took away our jobs, our social lives and even our mental peace to an extent. It sure did feel like taking a punch to the face. Everyone had their own version of Fight Club which required them to break free from the qualms of today's modern society. The notable difference is that Fight Club urged you to break free while 2020 snatched everything away from you voluntarily.

Now what next? Both 2020 and Fight Club have taught us various lessons and it is important to live by these lessons as now we know that life, as we know it today, can be taken away from us quickly. Be more courteous and considerate towards others and awaken from the slumber of materialism. If we are passionate about something, we should go pursue it. We need to let go and stop being oppressed by society and its rules. Always be you, unapologetically.



*Kaushal Jagasia (D7C)*

# The Never-ending Pandemic

Been stuck in this pandemic for more than 10 months,  
every night thoughts come and go tonnes

Now that the people being aware act unaware,  
Makes me wanna think what if the pandemic happened 20 years ago.  
Back when that awareness was also rare.

There'd be children locked in houses with no entertainment,  
And adults deprived of their payments.

Everyday there'd be a new city declared as red zone  
People stuck in places would have almost no way to get back home

Employment being affected at its extreme,  
And work from home was only a dream.

Death rate would increase every single day,  
“*Usne Go-corona havana nhi karwaya tha*” people would say.

Back when there was no proper technology for treatment,  
And having a computer was considered as an achievement.  
No netflix or prime to binge, just thinking about this makes me wanna cringe.

Having no work to do and play all day was once a dream for all  
But this pandemic had made our lives stale and foul  
20 years ago it might have destroyed the whole ball  
I just wish this virus was never born at all



*Palak Garg (D7B)*

# Am I Audible?

Well, I must say most of our “Good Morning students” has been replaced with this beautiful question. From the usual steps of getting up, taking a bath, dressing up, and spraying that extra load of deodorant to impress your special someone back in college we all have adapted quite a lot to the herculean task of just getting out of bed. Successfully skipping all the other steps.

I must be honest the usual hugs, throwing paper rockets, passing chits, laughing on top of your voice in class, and bunking lectures is something we all miss and more than us I guess our teachers do. Online classes have set new standards for each and every one of them guess be it unmuting or typing on the Google meet chatbox.

What’s My version of Online classes? Well I no longer have to say “May I come in Ma’am ? Sorry I am 20 minutes late. Trains were running late “, My new excuse is “I have network issues.” A lot of things changed during the pandemic, Online classes turned out to be a new and exciting way to re-connect with friends and try to live 30% of our college life. I think all of us are trying to normalize our lives and Online classes sure could do that. The one and a half of our breaks between 2 lectures replace the canteen as we all friends sit in front of the google meet. We still have the same wonderful conversations just like we did back in college eating Chinese samosa all crammed up in one table except this time it is some homemade lunch. We all miss college, the walls, the amphitheatre, the canteen, the auditorium.

Jokes apart, online lectures aren’t all that boring, the boards got replace with a white screen. The attendance remained the same. Our teachers still teach us with the same zeal and excitement. They still call our names and ask us questions and leave us speechless (We never know the answers ). Irrespective of the “I forgot my HW “, they still understand the “ I have mic issues “ statement every time. They still have fun asking about us and caring for us without even seeing us every day. And I think I call that a true student -teacher bond.

“We may be apart, maybe at distance never at heart. “



*Sneha Kartik (D7B)*



*Saritha Tharakan (D6)*

# Protagonist Syndrome and Little Struggles

Story (noun): a description, either true or imagined, of a connected series of events.

Stories are fun, aren't they? Wait, there might have been a better term for it. I just can't put a finger on it at the moment. But if I keep trying to think about it, we'll end up spending more time here than we need to. I will let this monologue proceed for now. Losing the reader in the first paragraph will be sad after all.

What comes to your mind when you hear the word 'story'?

I love asking this question. Even if I know the answer I should expect, sometimes the question delivers gold. So, what is it? Does a 'story' remind you of the book which left a mark on you? Or does it carry the track of that show you used to binge on? Are you from the faction who recalls songs when I blabber about stories?

Well, the sad thing about monologues is that you don't get answers. You can reach out to me if you would share the answer though. I am not popular by any means, but apparently, it is really easy to reach out to me. Wait, now it just sounds like I am inviting people to my DMs. I didn't mean it like that...

AH! I'll tell you what comes to my mind. Stories remind me of people. Not a person in particular. But every person I know. To me, they are a story. I don't really know how to put it into words properly. But they aren't a book or a show or even a song. They are a story but they are not just a story. Wait, I will grab my notepad for this. Here, this should explain better.

Protagonist Syndrome: When a person looks at themselves as the main character, highlighting specific aspects of their life. Stories without characters are like a cake without any ingredients. Well, it sounds absurd to put it that way... WAIT! I put it that way to emphasise this exact absurdness. This no-edits writing experiment doesn't look like it'll end well.

A wise man once said, "If you are embarrassed, keep going so that people don't have time to point it out." So here I go. Stories are impossible without a protagonist. If you try to make one, someone just assumes the role of the protagonist. Protagonist Syndrome is the idea put into words.

Like Imposter Syndrome, Protagonist Syndrome is one of those intangible things that you come across when a Google search goes a little too 'askew'. But you don't need to read about it to experience it. That night you felt like the world was on your feet. That day you felt it would all come crashing down on your back. Being the protagonist isn't so easy, right?

The race which you notice only after running for far too long. The gray line between looking up at someone and looking down at yourself. The imposter syndrome crawling towards the toes which you forgot to tuck in. Living in the moment is good on paper, but who has time for it? You can be turned into a side character overnight. Little struggles don't seem so little when they pile up. We compare ourselves to others as if we are the same fundamentally. Being similar is a warming thought, but reality doesn't work like that. Humans are different. And unique. So as much as you cannot be someone else, someone else cannot possess what you are. Ever.

Ooof, that was a double-edged sword. The line "No one is like you" definitely has a place in the Top 10 Sentences With Situational Meanings. As lonely as it sounds (If it sounded special, you are a protagonist), these are the cards we get. But is it really that bad? After all, there is no story without characters. Who is the side character? Who is the protagonist? Who is the support? Who is the rival? The one who decides this is the one looking at this world in first-person.

The more characters you have, the more stories you get. A thriller, a mystery, a romance, a sitcom, or even a tragedy. Who knows what it's gonna be tomorrow? Little struggles won't disappear, but you can't laugh at them alone. Solo-stories are overrated. So are monologues.

But hey! Stories are 'intriguing', aren't they?



*Hridesli Kamal (D9B)*

# Fight

We're in this together,  
The fire in our eyes, and the strength in our hearts  
Make us stronger

With the world coming in together,  
We join forces and we merge hearts  
And become stronger

We look up at the sky and ponder,  
What losing would cost us,  
And we look at ourselves and wonder,  
What winning would make us

And we see two doors in front of us,  
One with heavenly hands,  
And one with a devilish mind

Choosing is inevitably on us,  
To let go or to let in,  
To lose or to find

And we see people in the US, Spain, Italy,  
Their tears flowing in agony  
Their hands joined in hope  
But helpless inside

We see closed doors and closed eyes,  
Empty roads and masked faces  
The harsh reality,  
Swarming before our eyes

We see people with white aprons rushing,  
Their hearts beating fast,  
Their faces beaded with sweat,  
Helping and healing  
(Heartbeat)  
(Silence)

And we see everybody in spotlight,  
Moving in a faster pace,  
Clocks above everybody's heads

And yet,  
Each hour, each minute, each second we fight  
Fight. To. Live.



*Anushka Rajwade (D16B)*

# Winds of Uncertainty

I've been looking at the stars for too long, waiting for the moon to sing a prophetic song.  
Because the range of outcomes are astronomically large  
And they all depend on the action-spells that I cast.

You see the crossroads where I stand on?  
On the verge of falling down as a whiff, forlorn.  
The only strands of hope are the winds and its whispers  
About the glories and downfalls as they tease around my fingers.

Every try of holding or touching makes me taste defeat  
And then I realized they're meant to be the escaping sheet  
But to hide the comings, to provide the calm before the storm  
While we be the window, to let in peace while it's still going on.

Every moment has plans of its own,  
Decipher them and our worries are shown  
Look at the stars but without your worries being drawn,  
While taking sips of resilient uncertainty before it's gone.



*Divisha Gupta (D5A)*



*Sakshi Shunde (D2B)*

# The Uncertain Times

The past few days  
were a bit overwhelming,  
The world came to a halt  
yet a lot was happening

Social media pages  
were loaded with stories,  
People were showing off  
their newfound hobbies

Someone had become a chef  
while someone learnt to dance,  
Who thought in the midst of a crisis  
A lot of us would find a chance?

We gained a lot but lost more,  
Uncertain times came untold,  
Loved ones were far away,  
'twas difficult to pass the day

Woke up every day with a fearful mind,  
trying to be nothing but only kind,  
Not knowing when the end might be near,  
It felt worst to live with that fear

Everything that we took for granted  
suddenly became important,  
The past few days taught us a lot  
Including the art of being tolerant

Sometimes I wonder,  
What would've it been like  
If this wouldn't have happened,  
Would we have ever realised?



*Siddhi Chandrashekhari Bhabal (MCA1A)*

# Optimism can be your Superpower!

Disney's Cinderella is often criticized for its lacklustre heroine and stereotypical fairytale ending. This 1950's film has been torn apart by critics and feminists alike for showing our protagonist, Cinderella as a naïve and defenceless girl who is only waiting for a prince to come and save her. But is this tale, as old as time really as toxic and anti-feminist as its critics claim it to be?

Ever since the 1950s, Disney has been putting out animated movies one after the other and we have also been introduced to various Disney princesses that have captured our attention. Most argue that the female protagonists in recent films are way better and superior to someone like Cinderella. Their point is that these women are far stronger than her and actively work for their goals.

To address the first argument, for Cinderella her strength lies in her positivity. It has been shown again and again in the movie that her step-sisters and Lady Tremaine have been abusing her mentally and physically for many years. Even after living in an abusive household Cinderella still manages to think positively and remain benevolent. Most under such circumstances adopt sombre dispositions and become desolate. Her happy-go-lucky persona and dreams are her superpower. Her mental strength is what makes her a truly strong protagonist. A lesson all of us can learn from, especially in these bleak times.

The second argument being the question; "Why didn't she leave?" or "Why wait for a prince to save her?" Now in all honesty this argument boils down to victim-blaming. Why blame the victim for being abused and unable to leave? Abuse is a lot more complicated than we can understand at face value. Why can't we instead say that her step-family was in the wrong? She found an escape from her horrid life by marrying the prince and finally fulfilling her wish of living a happy life outside of all her past trauma.

We can't say that these critics are wrong and don't understand the story. Many themselves have actively done many things for empowering women. However, the media plays a vital role in our understanding of many aspects of society. They have only looked at Cinderella from face value and have paid no attention to the nuances presented to us. We only see female characters as strong only when they have masculine qualities. A feminine heroine who doesn't actively overpower her oppressors is just seen as a damsel in distress. Strength cannot simply lie in qualities that are inherently masculine but also in mental willpower, in accepting your weaknesses and being emotionally mature.

In the end, regardless of where we stand with our opinions on this classic tale that has many other glaring flaws and criticisms, we can still learn some valuable morals from Cinderella's story. Her mental strength and resilience; even after spending years with an abusive family working as a maid have never faltered. She could have never known when she would be able to escape her evil step-mother's clutches. Just like her, we can find a light at the end of the tunnel no matter how hard life gets, even if we don't know when the suffering will end. We can still be resilient through uncertainty.



*Nidhi Nair (D8)*

# Buongiorno principi e principesse!

Films are a pristine art form that is often taken for granted. From soulless cash-grabbing sequels to haphazard remakes, no art form has been exploited as gravely as films. With the rise of ubiquitous streaming platforms and an ever-increasing library of series, the films are witnessing a slow death. Nothing pains me more than seeing something I've cherished forgotten in the wake of something that is considered better. Series' surely seem to quench the thirst of dopamine that our overachieving brains desire, but they do so at the lack of creativity and that 'spark'.

What is the 'Spark', you ask? This review explores and possibly explains what the 'spark' actually is because I cannot, with the lack of the fitting adjectives in our limited vocabulary, describe what the 'Spark' is.

Life is beautiful is a whimsical movie that is subtly deceptive. It opens with two characters in a car, barreling down the road of the Italian countryside trying to control the car, the brakes of which had failed. The movie immediately establishes itself as fun, easy-going and nonchalant. The protagonist 'Guido Orefice' establishes himself as a blithe and charming individual as he tries to woo a beautiful dame he met on the street while fixing the car. The movie in its deception successfully convinces the viewer that this movie is a romantic one.

The adorable Guido carries the film on his shoulders as it devolves into a fun, charming, and situational comedy in which Guido runs into the woman of his dreams countless times. Of the many characters I've loved in movies, Guido lands in the top 3. The director gently guides the viewer as he subtly tweaks the nature of the film, within which lies the masterful deception.

The movie is set in the 1940s amidst world war 2. The movie initially is devoid of any indication of war. But the reality of war and misery lies behind the facade that the director puts up for the viewer. Ever so often you get glimpses of imminent doom, but Guido, with his irresistible charm, manages to keep you distracted. Guido in his romantic escapades interacts with many characters that are skillfully woven into the story and reappear when their time is right. The initially peppy and joyful nature of the movie dies out slowly, with the director still guiding the viewer gently. Going into more detail would be entering spoiler territory and I highly suggest that you witness the movie for yourself.

Life is Beautiful is a movie that is created with a 'Spark'. It is written, scripted, and directed as a homage to humanity, beauty, and resilience. Guido with all his charm, never lets his blithe nature affect his family. The peppy, joyous nature of the movie hides beneath the soul-crushing second half the movie. Seldom does it show its face, but it pervades every frame of the film. Analogous to how Guido shields his child from the harsh reality of war, so does the director tries his best to shield the viewer from the overbearing sadness that's infused in the story. A bond of sorts is formed between the viewer and the storyteller, which is invaluable. The 'spark' lies in how this is formed, how the director treats the viewer, how the actor embodies the spirit and how you don't realize that there's a tear trickling down your cheek while watching the movie. Ever so often you get glimpses of magic, magic that's very much alive within us humans.

The message isn't explicit, but it resonates with your soul. You'll find yourself involved throughout the movie, physically too. I've found myself holding my breath numerous times throughout the movie and I believe that that's profound.

Do yourself a favor and watch the movie, for the sake of the 'Spark'. Watch it for the sake of the magic.

Films like these seldom come by and deserve to be cherished and appreciated for eternity. Thank me when you find yourself wooing a stranger you met on the street by greeting them 'Buongiorno Principessa!' Other movies that were also made with a 'Spark' - The Intouchables, Amelie, La La Land, Grave of the Fireflies.



*Faaiz Dastagir (D16B)*



After a few days we received a call from Arumugathai Mam, A professor from a college in Chennai who had requested me to help some of her students and their communities as they were living in very remote areas. We then swung into action with 100 such grocery kits and firstly distributed some kits to widows, then in the areas of the two students and their communities. It gave me immense happiness to see the content and happiness on the faces of people who received these kits which could fill their stomachs at least for a week.

All of a sudden after day 10, I received a call from Mr Rohit an RJ from RED FM 93.5 Kolkata who contacted me through my social media posts wanting a telephonic interview regarding our initiative. Two days later our telephonic interview aired on RED FM 93.5 in the morning show hosted by RJ Praveen. On 22nd May when I heard about Amphan Cyclone, we decided to help the people affected due to the cyclone in Orissa. we contacted many people to get contact with someone in Orissa who could distribute the aid on the behalf of the Shubhashish Initiative. That is when one of my school teachers gave me the contact of Mr Ajit Dash who was the Founder of Citizen's Committee BDA Colony and OMEN Trust. On 23rd I contacted him and discussed all the requirements for mission Orissa. Finally we decided to distribute 1250 packets of cooked food to the affected in the districts of Bhadrak and Basudevpur.



After a few days suddenly we saw a surge in the donations we received while we were on the verge of closing. So we decided to distribute cooked food to migrant workers stuck in Maharashtra with the help of Maharogi Sewa Samiti of Dr Vikas Amte on June 1. All the remaining amount was donated to Maharogi Sewa Samiti ( Anandwan Foundation) to help migrant workers and those homeless people whose care is taken by Dr Vikas Amte and his foundation. With this the journey of our initiative comes to an end.



But that is not all. We later launched Shubhashish Vidya on YouTube to facilitate sharing of extra-curricular skills people had with those who wanted to learn through YouTube. There were 6-7 volunteers who came up with various skills they wished to share with others. Our Initiative also got featured on the Nudge Foundation's Global Conference on Aug 15, 2020 when Josh Talks contacted us for an interview about our initiative.

On New Year, that is 1 January 2021, we ran a food distribution drive in Chennai and Chandigarh as to provide a positive start to the year for people who are in need. We fed 400 people altogether in Chennai and Chandigarh with 10 volunteers volunteering across these locations. We do not wish to stop unless, every person in the country can get himself a 3 time meal. This Initiative will initiate every time whenever there is a crisis in this country and our fellow countrymen need our help.



*Varun Prasad Gokhale (D11B)*

## Roaring Twenties

2020, start of the new decade.  
Who knew we were going to be this dismayed?  
As if someone had opened the Pandora's box,  
The year of new beginnings was full of shocks.  
Looming third world war and Australian bushfire.  
Don't forget about the coronavirus, Sire.  
Locked in our houses for months on end,  
We left the world in the hands of essential workers to mend.  
Air quality improved, but we weren't allowed to breathe freely.  
We didn't have alternatives, so we obeyed meekly.  
The nights were dark, our thoughts darker.  
The grim reaper's footsteps grew sharper.  
But if we remember the story accurately,  
Who flew out of the box in the end, timidly?  
Hope was all bruised and injured,  
Yet she cured the world like a kind wizard.  
Doctors and police were the Hope of our story.  
Tired souls emerged victorious, blazing in glory.  
Taking cue, we should keep our cool during distress.  
After all, building resilience in uncertainty is the right step towards success.



*Vishakha Kulkarni (D2C)*

# Shining Through the Dark

2020 was the year when we all took a deep breath, opened our eyes and saw. We saw the world in its bare essence, we saw the beauty that nature is. We saw how all of us, at the end, are just that. Humans. This pandemic gave us a pause and made us think about what makes us human. We figured out what our true strengths are, where our foundations lie. We made new bonds, lost some, strengthened some.

The situations were rough. Every extension of lockdown made us scared about the future. We went through the news and worried about the people we lost. We sat in front of our televisions and listened to the speeches of our Prime Minister. We were in awe of the medical workers, scientists, police officers, and everyone who sacrificed their own safety just to make sure that we were safe. Those people worked so hard just so that we could sleep peacefully in our beds at night. Many of us were affected by the virus. Some won the battle. Some didn't. It was such a hard time to cope up.

The entire world was in chaos. Everyone was anxiously wondering, 'how are we going to get up? What is the way forward from here? What are we going to do?' there was a state of unrest with everyone wondering whether this was the apocalypse that we all theorized and fantasized about. Wasn't it a truly perilous time?

But that's where we truly shined. We showed ourselves why we are strong. We adjusted, adapted, and accommodated ourselves to this new world. When the world was advised to stay home we turned towards the greatest boon of this situation- the internet. Everything started to be carried out online, making survival in this scenario so easier! We tried to find small joys even during this situation! May it be the famous Dalgona coffee that made everyone want to try it, or the chants of "go corona, go" or the hilarious quarantine haircuts, or the unique and never-really-tried-before recipes or binge-watching web series. We learnt new things, picked up new hobbies, tried to find humor and joy wherever we could.

Students tried to balance studying in an entirely new medium with the uncertainty of exams. The culture of 'Work from Home' started. Video calls were made, zoom and Google meets were held, long lists of plans for 'when the lockdown is over' were decided (are being decided). Even if we are separated by physical distance, it doesn't seem like that, does it?

The world constantly keeps on evolving. This is an absolute fact. Change is necessary for us to improve and move forward. That's how the system of nature is. Humans struggle from the moment they enter this world. Every day we wake up is a tiny struggle in itself. But one thing that makes us humans special is our attitude of always figuring out a way to fight against these obstacles. No matter what happens, no matter how many times we fall, we pick ourselves up and brush off the dust to walk again. The path is surely an uphill battle, but, we were always bad at giving up and accepting defeat! As it is said very correctly, the darkest hours are before the sunrise.

So, maybe not today, or tomorrow, but I believe that one day, we all are going to go out without masks on our face, flashing our beautiful smiles, and telling the world, "*I am here.*"



C.S.Lakshmi (D3)

# Happiness in Uncertain Times

Resilience in uncertainty as far as the topic is said I felt it sounded too tough to frame something on, then I realised it is what we did during the past year. we tried to stay all positive in this global pandemic and almost survived thru it to date. yeah, there were a lot of things that would pull us down but we never let down ourselves.

It's all about how we passed out through this global pandemic and stayed at home all locked up for those 4 months from march end to almost July end - august. not meeting friends or family, adapting to the changes in our routine, attending zoom meetings and skype calls, binge-watching tv shows and much more. That was our resilience during uncertain times.

Ever imagined being at home and surviving in one place for four months without meeting anyone. every house out there was made into a mini big boss house but filled with love and harmony instead of fights. We did say the everyday day was getting boring and thought about how we would survive but internally we did have too much fun and wished this never ended. I would also like to ask these peers of mine if they ever thought about being in the same academic year for 1 1/2 year without any progress but we survived that too.

Those video calls with friends and family, those online housies and what not made this quarantine much better for us. that one dedication we had of coming off the quarantine fitter but didn't work out for most of us. also, those IG feeds filled up with newly tried recipes the whole day. These are some of the things which had us up this year. also three cheers for all those people out there who had the guts to make up a new youtube channel and blog sites too (including and introvert like me)

Every day we would wake up with a new news headline be it war tension or vaccine preparation or the dragon's propagandas, but there would be one common headline informing us about the rise in the numbers of covid-19 cases. it was a bad year where we lost some jewels of our Indian cinema. the cinema which held together with the culture and people irrespective of their colour and language. But it was a good year for nature which healed itself and became healthier.

Yeah, we did miss going to college, hanging out with our friends, finishing up the term work, last day submissions, college trips and most importantly the college canteen but ab kya hi kar sakte hai. The real fun among people was binge-watching where people went from, binge-watching F.R.I.E.N.D.S and ending up remembering the dialogues to almost falling in love with Pratik Gandhi from his SCAM 1992 coz he said: "*Risk hai toh ishq hai*".

Lastly ending up saying this I had read this one thing which said "I need a six months vacation twice a year" We did get one 6 months vacation this year do you wish to have one more?



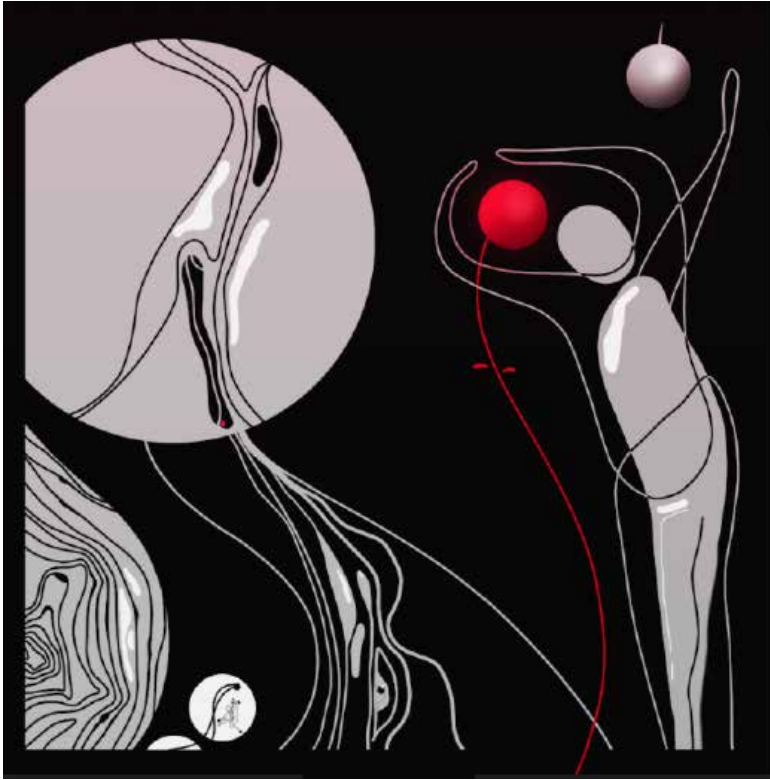
Tanvi Desai (D3)



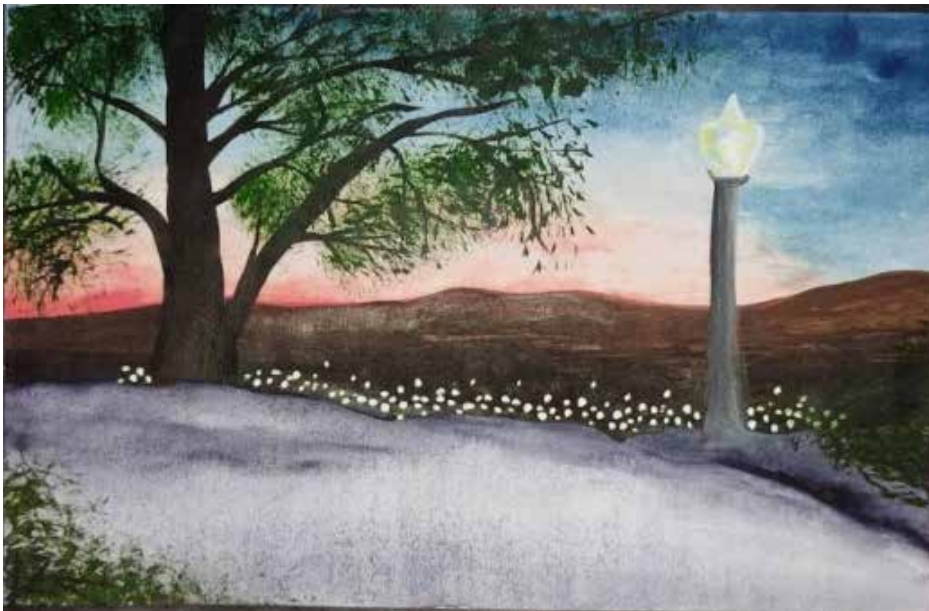
*Shambu Patil(D1AD)*



*Sakshi N. Suryawanshi (D16B)*



*Raj Talashilkar (D11A)*



*Sakshi Santoshi Patil (D5B)*



*Srushti Sunil Gharat (D8)*



*Shreya Sudin Kamble (D3)*



*Dhruvisha Monde (D7B)*



*Sahil Kedari (D18)*



*Shambu Patil(D1AD)*



*Shruti Parab (D11A)*

# Graduation from Home

## Shubham Sawant (EXTC - 2020)

Farewells and OLTs have always been exciting and emotional since the 10th grade. From Clicking random pictures with everyone in the frame to promising that we'll always be in contact, every moment counts as a genuine emotion towards the end.

## Abhiruchi Bhattacharya (CMPN - 2020)

- As I wanted to pursue my Masters, I had to push that plan a year ahead and I did not sit for placements, hence was pretty unemployed through 2020. My last day in college was a day of celebration -- the Utsav finale.
- In a way, I'm glad that's how it happened. Everybody got their traditional and business photos, everybody danced. A lot of my friends want a physical, socially-distanced convocation to happen just so we could all meet in person one last time. I do as well, but I think it's okay if that doesn't end up happening.

## Anmol Ranglani (IT - 2020)

I wanted to have a photo-shoot with my classmates and also wanted to enjoy my farewell.

## Arun Pillai (EXTC - 2020)

Convocation and a final selfie with my classmates. It would have been one of the most memorable events in my life since we graduate only once.

## Abhishek Kalgutkar (CMPN-2020)

As this was my final year with IEEE, I was looking forward to Melange-our annual symposium. It was unfortunate that we couldn't host it due to the pandemic. It would have been the last event of our team together and moreover a thank you to everyone who participated or helped us in our journey.

## Nidhi Berde (CMPN - 2020)

My friends and I have enjoyed the fests, long canteen BT sessions, ate fried rice from single coupon twice, paid loads of library debt, fought with the watchman over IDs, ate and even slept in Auditorium and planned at doing our fees vasooli in the Final Year but I guess Corona had some other plans. I just wish we get a whole day to just revisit all these memories. I never thought I'd say this but I miss college and the people that made my three years so wonderful.

## Abhik Mirdha (ETRX-2020)

Instead of buying knowledge, people will start paying me for it. That's the only thing I was looking forward to, even if the pandemic didn't happen.

## Vishal Saroj Gupta (MCA-2020)

The one last moment that every last year student hopes to get a moment to cherish all the places in the college which we have gone through all these three years. Having one last moment to visit the college and recall all the memories as after graduation you will be termed as an Alumni of the college.

# Student Corner

## Tanuja Upadhyay (D13)

The 005 classroom on the ground floor was our "chilling place". It's not really a very popular place making it less crowded and more like home. It's just somewhere we would head to after our lectures or every time we found it empty. So yes, not too fancy, but also not something I'll ever forget, spending time with my friends in the same place we met for the first time - making endless memories I never thought I'd be missing so soon

## Roshni (D7C)

GCR: This was the hangout place for us when we used to bunk our lectures. We used to dance, sing, play and do a lot of crazy shot things in GCR. As all my friends were girls, so we couldn't find the best place for us to be crazy.

## Varad Rane (D11B)

Amphitheatre me college ki jaan basti hai. The one place where everyone has danced like crazy. Every college student has chilled with his friends, kabhi kabhi peeche ke paudho me gire bhi hai. It is indeed the best place of the college to bunk lectures and act like kabhi lecture tha hi nahi.

## Purva Badgujar (D17B)

We used to go to GCR for the TE project. I know this is unexpected as people usually go to labs. But we were the "Wonder girls", we all wanted to enjoy project time but nobody wanted to confess that.

## Prasad Jawale (D1AD)

A library is a silent place where quiet people like me find solace. I guess my best memory would be to get lost in the world of books forgetting the tensions of hectic engineering life.

## Dhruvisha Mondhe (D7B)

Sitting with friends in between lectures eating the canteen's famous Triple Schezwan Rice and choco sticks.

## Siddhi C. Bhabal (MCA1A)

Unexpectedly the place that I missed the most was my classroom. All this time I was thinking that the classroom would be the last place to be missed. But lockdown made me realise its importance and made me miss the memories that I had made over there along with my friends.

## Raj Rajan Talashilkar (D11A)

My most memorable memory of college includes the after lecture aesthetic team meetups and the late evening work with the team. The amphitheatre is really the place where the soul of our college lies.

# Alumni Speak

## **Mr. Deepak Nachnani**

CEO, and co-founder Coviam Technologies

*Batch of 1990*

Department of Electronics Engineering

Stay hungry, stay foolish, ask the right questions, develop skills in other dimensions and treat traditional notions of degrees, bank balances, designations and pride as parameters and a consequence and not the end.



**Mr. Deepak Nachnani**



**Mr. Nayan Jadeja**

## **Mr. Nayan Jadeja**

CEO, and co-founder Coviam Technologies

*Batch of 1990*

Department of Electronics Engineering

Please be aware and realize that everything in life takes time. Although you may hear of success stories and the media might play them up as overnight successes, there is always a grind behind it all. Building a career takes time. To become an expert or renowned person in your field, go deep into a particular domain or technology and give it time. Also, don't be attracted or blinded by the latest tech or the newest feature – For example in software, real knowledge comes from

not only writing or working on new code but by seeing it work in real life, facing and solving problems in production, scaling and stress testing for resilience under heavy load - that's where most of the learning comes from, not just by writing new code all the time. Finally, don't focus on doing tech for the sake of tech. Make sure the problem you are trying to work on or solve, is to address a real business problem and will help solve something real. Doing a new technology, just for the sake of learning new tech, won't go a long way. It has to be utilized and harnessed to solve a real-world problem.



**Ms. Vyjayanthi Kamath**

**Ms. Vyjayanthi Kamath**  
Pursuing Masters in Data Analytics  
*Batch of 2017*  
Department of Information Technology

For the students who have just joined VESIT and not graduating just yet, enjoy your time at the college. You won't get these years back and you might think it doesn't matter right now– it's just engineering– but once you move ahead in life, make new friends and discover new things, you might think of your time at VESIT and see how much has changed. Being in the US I don't cook all the Indian meals frequently and that is when I remember all the chole bhatures I hogged down in the Canteen, the oreo shakes I spent half my savings on, the

cheese chilli toasts I bought every break. Also, respect your professors and mentors they have their own lives, families, and challenges just as much as you do. For the ones graduating as we move on to this new normal and changing economy, you will have to keep yourself updated and informed on the job markets, technologies, hiring trends, further education policies, etc. I can't speak much on continuing education/ job market in India and other non-US locations but if you are considering grad school in the US, reach out to your seniors who are studying/working here for updated information and guidance – although, please remember, there are a lot of things you can find by internet research so make sure when you ask genuine questions. Lastly, remember to take care of your mental health. Anxiety and depression are very real among the current generation. Read up more on it and never be afraid to ask for help.



**Ms. Deepika Singh Arora**

**Ms. Deepika Singh Arora**  
Mentor at SOSV MOX  
*Batch of 2016*  
Department of Computer Engineering

Ideally, my intent here should be to motivate you, to give you hope or recite all the adages - Follow your passion, excellence would follow, money is not worth it, so on and so forth. On the contrary, I am here to define why the law of averages applies to every average person like you and me. The averages of success, the average of failure, the averages of finding your way out, no matter what puddle is in front of you. To state an instance, half of the initial team I began with didn't synergize with me

which did instill a sense of doubt that have my fears of workplace discrimination come true. Are they chauvinists? The answer was Nope - I was chauvinistic. No one can stop you from doing anything, but you. Once you stop believing in yourself, the world starts discriminating you out. On a takeaway note, if you don't fit in, sew your way around, alter it and jump off the cliff only if you are sure of crafting the plane your way down. And of course, get insurance for your self-esteem.

## Mr. Rohit Sreedhar

Software Engineer, Deep North Inc.

*Batch of 2018*

Department of Electronics and Telecommunication

Like the rest of the world I am sure VESITians are putting up with the new normal. I know, no zoom call is comparable to the fun you have with friends in the amphitheater. However, I am hopeful you will figure out new ways to stay connected and grow at VESIT. I would just say make the most of these 4 years you have. One always cherishes these college years in albums of nostalgia, so make sure it is loaded with precious moments!



**Mr. Rohit Sreedhar**



**Ms. L. Sowmyasree**

## L Sowmyasree

Consultant, Capgemini Technologies Services

*Batch of 2017*

Department of Computer Engineering

College life is the best period. Enjoy it to the fullest. This is the time to take chances, make mistakes and learn from them. Learn at least one skill that differentiates you from the rest of your batchmates. Build friendships, college friends go a long way and are the best stress buster. For the graduating batch – things may be different post COVID, but the key to staying ahead is to stay informed. And when possible, take that grad trip you've been planning! But most importantly, have fun!

## Neha Menon

Data Engineer, General Mills

*Batch of 2018*

Masters in Computer Applications

Enjoy your time in college. Don't always rush back home if you don't have any prior commitments. Socialize and meet people from outside your department. And complete your assignments and practicals on time!



**Ms. Neha Menon**

## Navin Gurnani

Senior Product Manager, BrowserStack

*Batch of 2013*

Department of Computer Engineering

If I look back and find the key reasons which have shaped my life, I would find VESIT to be one of the key ingredients in the recipe. For me it was the best playground to experiment and build my character and my career. You have one of the biggest opportunities provided to you in terms of mentors, college, and peers to achieve your dreams.

The year 2020 has not been easy for you. Your education has been disrupted; you have been separated from your friends and family. But I am here to tell you: big changes are coming, and you need to be part of them and keep the VESIT spirit going. All the best for your future.



**Mr. Navin Gurnani**



**Mr. Parneet Soni**

## Parneet Soni

Senior Investment & Portfolio Manager, Upaya Social Ventures

*Batch of 2011*

Department of Electronics Engineering

You may not want to take yourself too seriously. May your journey keep you humble and skeptical. Try and be nice.

## Tarleen Dand

Pursuing Masters in Industrial Management

*Batch of 2017*

Department of Electronics and Telecommunication

Try to be a part of as many things as you can during your college life, you will always learn some new skills by participating. Enjoy every moment that you spend with your friends, you will cherish the moments and friends throughout your life. This the place where you will have the most fun of your life. Do not fear anything, be open and willing to learn anything and everything. Make as many mistakes as possible, that is the best way you will learn, and no one will judge you for that. Try to be helpful to one another to your best capacity. The friendship you make may end up being as close as a family to you.



**Mr. Tarleen Dand**



**Mr. Kamlesh Bhalerao**

## **Kamlesh Bhalerao**

Business Analyst, The Walt Disney Company

*Batch of 2005*

Department of Electronics & Telecommunications

No matter what happens - every individual always finds something to do with his life. But the quality with which he can do this starts early on . As a student - explore all avenues, be aware - please, please, please read news and keep yourself updated, participate in all the possible extra curricular activities and get your academics in order . A good academic record will help land a better job - participating in extracurricular activities will help you be a people person - and being aware will help you answer/think at a tough spot (for e.g. viva or interviews ;) Try to stay away from the social media craziness - the likes on your post do not define what

kind of a person you are - that is superficial - your time is the most valuable resource you have today - use it wisely - how you spend your time today will define what kind of a person you will be tomorrow

## **Chirag Makhija**

Software Developer, JP Morgan

*Batch of 2017*

Department of Computer Engineering

Dream bigger. On a different note, don't be limited by your performance at VESIT. We often judge our abilities by a few instances of failure. However, we all personally know people who have been wildly successful in their dreams, just because they believed, and worked passionately towards their goal.



**Mr. Chirag Makhija**

*Believe. No pessimist ever discovered the secrets of the stars, or sailed to an uncharted land, or opened a new heaven to the human spirit*

- Helen Keller

Talk to  
Connect



# Tania Mahata

## President

I've always had a knack for positions of responsibility and leadership. The goodwill of working for my peers has always driven my core. I was the Class Representative for MCA Shift-1 in my first year here. And later I also held the position of Public Relations Officer for CSI VESIT in the succeeding years. These posts invite infinite channels of interactions and lessons in your life which have been a learning experience throughout the years and helped me become more competent.

Keeping my vision for leadership intact, I had contested for the Presidential elections this year. Honestly, the whole process was nerve-wracking. Navigating the college politics, people's bonafide, and alongside coping with the academics, all of it pushed me to work harder.



The MCA Department and Engineering branches have functioned as different entities and I think their asymmetric perspectives need to be dealt with and integrated beautifully for better outcomes. So, this year, we are working on curating better opportunities and ideas for more zealous and entertaining events to increase interdepartmental engagement.

Owing to the pandemic and shift to the virtual paradigm it has made it difficult for us to keep the spirit and excitement alive but the organizing committees of all societies and councils are going to leave no stone unturned in conducting events. They are going to be, as the popular jargon goes, platforms of info-tainment for you all.

I have always believed in working together with everyone. So, if you hear a voice within you saying 'you cannot do this,' then I want to be the voice that says "you can and you will". This is what I aim to achieve, to listen to everybody's suggestions, motivate and collectively achieve better. I would like to say that I am always available at service for each student no matter what they're looking for, all of you might not know me well but you can always count on me as your go-to person.

# Nilesh Talreja

## General Secretary

“Unlike everyone else I didn’t always want to become the GS, log bas hype karne ke liye bolte the. I’m honestly a typical backbencher-last day submission, bunking classes to participate in events because more than writing assignments, participating in events appealed to me. Over the years I volunteered in any event you can name - Prarambh, Utsav, Umeed, Chocolate Day- I’ve done it all, just for the thrill of it. I’ve also worked with societies, managed sponsorship drives & overlooked app launches.

From being shy of public speaking to conducting workshops in TE, I’ve evolved so much. That’s when I realized I could do better in terms of management, organization & execution. Hence, This year I want to ensure that no one misses out on this and all the councils get equal focus. I feel everyone should get credit, not just the people at the forefront but also the genuine hard-working people. Because there’s so much untapped potential among us, that goes unrecognized, I want to help them realize it and provide equal opportunities for them.

Two major implementations that I think are long overdue are e-certificates & an online Scoreboard. E-certificates because they avoid unnecessary delays, something I have already tested within ISA last year & an online scoreboard ensures transparency between the students & the council. This year we are gearing up for a mega online event soon, where the entire student body will work as one, so everyone buckle up for that! And for all those bored at home, there are talks of reopening the college soon and even though there won’t be as many events, we will make sure you make memories.

Lastly, I just want to say, ki abhi election hogaya hai, you’ve been elected, so throw your reservations out the window. It’s time to be responsible and act as leaders, professionally & with a united spirit. Importantly, I want to leave students with the message that besides academics, participating, volunteering & taking charge wherever possible is what contributes towards your personality development.”



# Atharva Gupte

## Student Editor, VESIT Connect

“VESITConnect acted as a safe haven and an ice-breaker at a time when we felt lost and that has continued for 3 whole years. It helped us love VESIT one step at a time and gave us a sense of belonging. CA3 was our goto place and offered us the freedom to explore ourselves. Connect, unlike other student bodies in VESIT, stands out and that’s why we treasure it even more. It offered us a platform to write, design and publish our work. It let us experiment, explore our potential and gain overwhelming experiences.

This year, more than ever people need to be “CONNECTed” together. Since every event in the near future might be conducted online, the change will reflect in the issues too. There would be screenshots rather than actual photos and the structure of articles will take a different turn.

Vishwakarma will be there despite fewer events, because it is more than that, it’s about the people. It is about VESITIANs. Designing Vishwakarma will be levelled up as we have an experienced team. We want to make it more visually appealing and reader-friendly.

This is more than just a post for us, it’s a passion project! We got a chance to join something lowkey and develop it into a brand of its own because to lead a creative bunch is a once in a lifetime chance. That’s what we would advise our juniors to continue with, to help it grow because the best learning is not from courses but from each other.

When you join Connect, you have to devote a lot of time and work around the clock for 365 days because you work to keep everyone CONNECTed. Last week we pulled off two issues, did the whole election campaign, held interviews and kept our social media up-to-date. It took time, hard work and teamwork to get here and that is what makes up VESITConnect.

We have achieved our goal of establishing a legacy of the best creative team, here in VESITConnect, and no one can deny it.”Good things, take time.”



# Himesh Shadiza

## Cultural Secretary

“VESIT has been a marvellous and unpredictable journey for me, and most of the credit goes to the Cultural Council. I became the Cultural In-Charge of my class in FE and I didn't know what to do and expect from that. But at the end of the year, we won the second position in Utsav. Being FEs and having a podium finish? We were very excited.

In my SE, I became the Deputy Cultural Secretary and got the chance to be a part of an amazing council whose quality exceeded even our expectations. But the most important thing I realized was that the journey is what matters.

Now being the Cultural Secretary, I'm looking forward to an amazing year and a memorable journey where I and my colleagues get to learn and grow in amazing ways. We are planning many online events and we hope to emulate the experience of college events in the digital landscape. We plan to have these events sprinkled throughout for maximum engagement in these uncertain times.

Something new that we are planning this year is collaborating with other councils, societies and organizations of VESIT. We are going to be collaborating with them more than ever. And not just on big flagship events. But also on small programmes dispersed over the academic year.

The Council did a splendid job last year. So we hope to keep up that good work. The challenges that we face this year are new and unheard of. We will have to work around the current situation. And we will work towards the same goals as before: to make these events memorable.

With our eyes on the objective, my team and I are all fired up and ready. And we hope everyone can have an amazing year. Ultimately, our goal is to make sure you remember these 4 years fondly. When you look back on your Instagram archives and see the countless traditional photos you think, ‘Yes. Those days were amazing!’”



# Ayushi Pamnani

## SoRT Secretary

“I believe that you can always find the proverbial silver lining in every cloud — even if it’s not immediately evident. This year is pretty challenging but it’s important that we focus on the good things no matter how small or seemingly insignificant they are. This was the motive behind HealWithReel which is still in its initial stage, & will surely evolve in the days ahead. We want everyone to be aware of people, moments, or things that bring comfort or happiness to them.

As cliché as it sounds, SoRT is something I was just drawn to. I just wanted to reach out to the most vulnerable communities. When we set out to help others, the experience ends up helping us in turn. It’s an absolute privilege now to be the Secretary of a council that is a voice to those who can’t advocate for themselves & strives to make a difference. My experience as deputy last year indeed inspired me to face all the challenges head-on. Working with SoRT, I could see the impact social work had on people’s lives and how it drew positive change.

With the online lectures being at its peak, it’s going to be tricky to conduct events. All of us are still adapting to this new normal but one thing we don’t seem to leave is our phone. We want to utilize this factor and spread awareness about the lesser-known issues that exist. As it wouldn’t be feasible to organize blood donation camps this year, we want to inform people about platelet donation by conducting webinars & using social media effectively. We’re also hoping to organize Umeed next semester if the odds are in favor. The spirit of giving back & contributing to society has always been the driving force for me.

SoRT has always been a family & we’d love it if more people would come forward to assist us. When we work together as the SoRT Council, there is an overwhelming sense of unity and purpose that makes us stronger. The “Towards the better Together” bandwagon starts with the commitment to make people smile and we’ll try our best to live true to it.”



# Archita Malgaonkar

## Sports Secretary

“Sports have always been an integral part of my life. I’ve been playing badminton for a long time now and have won state-level tournaments as well. But what really motivated me and acted as a catalyst in my decision was that VESIT has never had a Female Sports Secretary. I’m grateful to those who believed in me and hope I measure up to the faith you have in me.

In FY, when my class came runner up in Junior Sphurti, I was drawn towards the sports council & wanted to be a part of it. Being a part of the council, your days start at 7:30 AM & never end. Attending lectures, not being able to eat our tiffin on time, standing in scorching heat to conduct events for two whole months, it’s a lot of hard work that we put in. Some days we didn’t even have the ground to conduct events on & those were the pioneering days as I learned how the council works.

If Sphurti is conducted this year, it will be a hybrid of indoor and outdoor events. We are also planning to conduct a special league for girls, and for it to be successful we have to work things out. This year there’s a big paradigm shift which is challenging as none of us have experience in organizing online events. Our biggest challenge is audience engagement in sports activities via online mode. To achieve this, luckily, I have an amazing team of extremely talented & hardworking people. By using this manpower and integrating it with my experience and knowledge, we will try our best to make an everlasting impression.

Sports are disappearing somewhere in a frenzy to maintain academics, so we need to build stronger roots. I truly believe that the Sports council is in its adolescence and we aim to build on to the foundation laid by previous councils and continue its legacy, setting a remarkable example for the future councils. I know that this year conducting ‘Sports’ events online won’t be as fun as it is in physically playing it, but we are working hard to bring exciting and fun events for you.”



# Sahil Salian

## Music Secretary

“Right from being in the school church choir to playing in bands or casually jamming some good ol’ blues with my friends, music has certainly been a major part of my identity. During my initial days at VESIT, considering my people skills & vocational attributes, I felt I’d be a good fit in either the exuberant cultural council or our amazingly profound literature circle, VesLit. However, while some ego-maniacs were sunk deep into politics in this race for impetuously attaining meaningless “fame”, the tranquillity that I saw in the Music Council just made me fall in love with it.

Earlier all our events mainly focused on the singers & instrumentalists only, as a deputy I wanted them to focus on the ‘non-musicians’ who also had love for music in their hearts. My fellow council members played a crucial role in executing my new ideas

& it was a glorious year for our council’s prime event, OCTAVES. We also started Virtual Octaves which had an enthralling response & the zeal shown by people made us turn this initiative into a tradition! This year, despite these uncertain times, my effort as the Secretary would be to do something unique & celebrate music in the most wholesome way possible for which I couldn’t have asked for a better team!

I’ve always believed that if you want to grow in life, it is important to be around people with the right vibe. I’d like to go off course here & literally mention some of the amazing people I met in my prime college days. Madhumita, Arnab & Sristi are some people who have extremely proficient writing skills. Akshat & Mansi’s digital art is second to none! Varun, Pranav & Nikita will liven up your mood no matter how gloomy your day gets! Aman, Aniket & Mallika will never let you derail from academics. Avinash is like an ocean of general knowledge! Tanvi & Vanshika are so entertaining on stage, you can literally watch them host all day! Well, there’s my introduction in aberrant parlance of appreciation. So, stop complaining, embrace the chaos & get to work!”



# C V Ananya

## VESLit Head

“Literature has always been an integral part of me. I am an avid bookworm, and through school, I participated in a lot of spell bees, crossword competitions and English olympiads. When I entered college, I knew VESLit was where I would end up, because it embodied the spirit that was closest to my heart. I got into VESLit in the second year and became the deputy head in the third year. My year as the deputy was absolutely amazing because I was working with people who shared my love for literature. So when our teachers asked us to stay on this year, I knew I was going to try to become the head, to try to give back to the council that has been a significant part of my college life.

This year, we will host the VESLit Week in the odd semester and have a few isolated events in the even semester. The general plan remains the same, but we are doing a major revamp in terms of the type of events, and what kind of audiences we’ll be reaching out to! The four divisions of VESLIT namely Debate, MUNs, Films and Quiz will be working towards increasing the overall stance of each of their teams.

The team and I have a lot of ideas on what we want to do throughout the year, and I hope we can achieve most of them! Our major goal is to transition all our offline events to online and we are busy finding exciting ways to organise our events. I hope that this year we will see more of a crowd and will be able to establish some basic foundations so that in a few years VESLit will be able to hold intercollegiate competitions.

Throughout these four years, I have taken part in so many different events, debates, dramas, quizzes, dances, or sports, tapped into every possible hobby I have and I think all these experiences have nourished me as a person, and VESLit has played a crucial role in it. Remember, we are the council that panders to all things literature, so make sure that always reflects in your work and to make your college proud! Here’s to always putting the ‘LIT’ in LITerature!



# Naren Khatwani

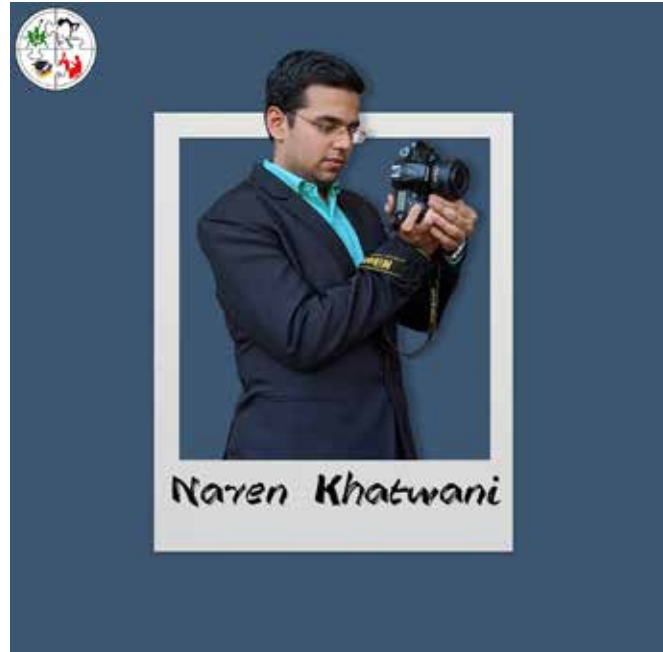
VPC Head

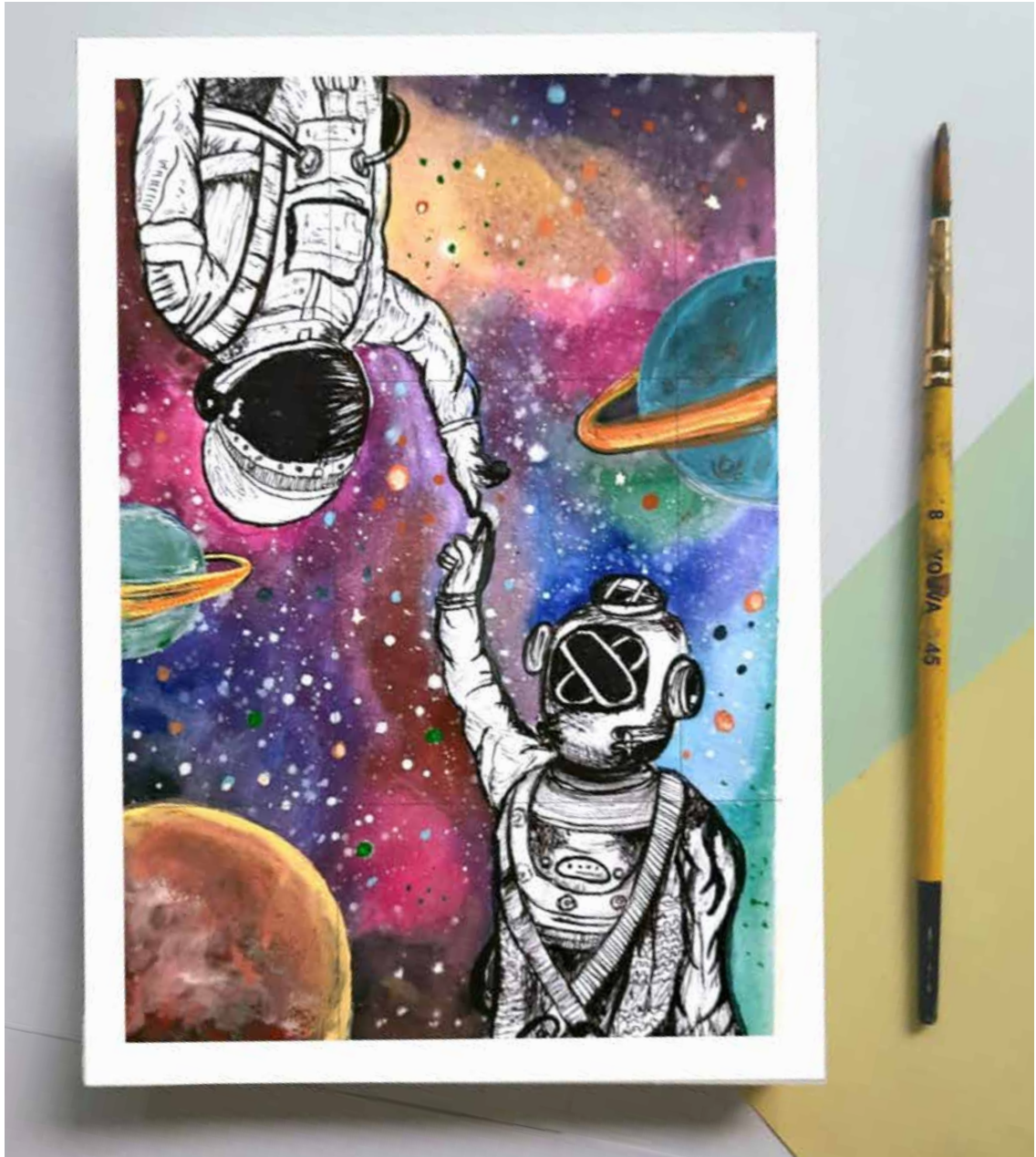
“When I joined VPC I didn’t own a camera, instead I relied on my phone to get the required shots. I was so comfortable with mobile photography that I opted to buy a gimbal for my phone before buying a DSLR. From random shots of flowers and sunsets, I gradually learnt other dynamic skills. My fellow VPC members, seniors and juniors alike, have helped me evolve as a photographer. Today it is an honour to lead a team of 33 talented photographers.

My plan for the smooth functioning of the council is to assign specific tasks to a group of members. These tasks include creating and maintaining the drive link, editing the pictures, uploading albums on FaceBook and handling the Instagram account. Not only do we cover all council events but we are also required to click pictures of the campus for NAAC approval, conduct staff photoshoot and for the Convocation ceremony.

This semester we decided to tap into our enormous collection of photos and connect camera-ready memories with the camaraderie. In the coming months, we are also planning to keep an online workshop to share some valuable insights about photography. Last year we organized a Photowalk at Marine Drive. As the name suggests, the participants set out on foot to capture the moments which met their eyes. We hope to conduct a Photowalk this year too. One of the most challenging events for VPC is Utsav. There are simultaneous events inflow on different floors, and we have to make sure that we cover all events.

Photography is a stressbuster for me, it’s my escape from the world. As an engineering student interested in programming, I like to say that my laptop is my partner on the weekdays while my camera occupies that role on the weekends. The truth is I only have seven pictures of myself. We tend to spend more time trying to get the perfect shot and capture the memories which one will cherish forever. Everyone has a photographer in them, it’s just about capturing their perfect moment. Be passionate and try to develop your own perspective.”





*Sruti Mishra (D12C)*



*Rohit Kundnani (D15)*

# Meet THE TEAM



*Geeta Ajit*  
Chief Editor



*Priya R.L.*  
Faculty Design Head



*Atharva Gupte*  
Student Chief Editor



*Atique Kudchi*  
Student Design Head



*Yash Aswani*  
Design Supervisor



*Sristi Kushwaha*  
Content Supervisor



*Mansi Kasar*  
Executive Designer



*Vedant Sawant*  
Executive Designer



*Shivani Shenai*  
Content Supervisor



*Kirti Patil*  
Executive Designer



*Anushka Kulkarni*  
Junior Reporter



*Palak Garg*  
Junior Designer



*Gaurav Govilkar*  
Junior Reporter



*Tanya Dubey*  
Junior Reporter



**"DO NOT WAIT FOR ANYBODY OR ANYTHING.  
DO WHATEVER YOU CAN,  
BUILD YOUR HOPE ON NONE."**

**SWAMI VIVEKANANDA**