



**VIDYAVARDHINI'S COLLEGE OF
ENGINEERING & TECHNOLOGY**

VISTA

2021

Allagi

Transformation of Minds





Vision

To be a premier institution of technical education, aiming at becoming a valuable resource for industry and society.

Mission

We at VCET aim

- > To provide a technologically inspiring environment for learning.
- > To promote creativity, innovation and professional activities.
- > To inculcate ethical and moral values.
- > To cater personal, professional and societal needs through quality education.

विद्यावर्धिनी प्रेरणा गीत

विद्यावर्धिनी...विद्यावर्धिनी...विद्यावर्धिनी....
ज्ञानगंगा आली आमुच्या अंगणी
विद्येथी ही ज्योत तेवते विद्यावर्धिनी ॥ धृ॥

भाऊसाहेब वर्तक यांनी रोप हे लाविले
दीन-दलितांना-आदिवासींना, प्रवाहास जोडीले
सावित्रीच्या लेकी घडती, ज्ञानाच्या अंगणी
अभिमानाने डौलत संस्था विद्यावर्धिनी ॥ १॥

'सा विद्या या विमुक्तये' हे बीद झळकते तेजाने
नये-नवे शिखर जिकुण्या, वाटचाल ही जोमाने
हिरव्या स्वप्नांसाठी, करीते कष्टांची पेरणी
समानतेचे सूत्र जाणते विद्यावर्धिनी॥ २॥

कला, साहित्य-संस्कृती फुलतो अंकुर येथे
सा-रे-ग-म-प-य-नी सात सुरांचा घुमतो एकसूर येथे
भव्य क्रीडांगण, ग्रंथसंपदा, अनुभवांच्या खाणी
गुरु-शिष्याचे नाते जाणते. विद्यावर्धिनी ॥ ३॥

सागराची गंभीरता.....विद्यावर्धिनी
मर्वतांची खंबीरता.....विद्यावर्धिनी
सूर्याचा प्रकाश नवा.....विद्यावर्धिनी
चंद्राची शीतल छाया.....विद्यावर्धिनी
ध्यास उंच आभाळाला.....विद्यावर्धिनी
विश्वास बदलत्या काळाचा.....विद्यावर्धिनी
समता, मानवता अन हक्कांचे रक्षिणी
राष्ट्रक्याचा धागा विणते विद्यावर्धिनी ॥ ४॥

संकल्पना - प्राचार्य डॉ. अशोक भोंसले
गीतकार - प्रा. डॉ. सखाराम डाखोरे
समन्वयक - प्रा. डॉ. प्रदिप गुळभिले
प्रा. डॉ. शत्रुघ्न फड

Allagí

Allagí is a Greek word that means change. The previous and the ongoing year has brought many changes in the surroundings as well as inside us. It has led to transformation of minds among certain people and this brings us to revealing our theme for VISTA 2021, Allagí.

Innumerable things changed be it our lifestyle or mindset. Change is crucial part in anyone's life. Just as a dark night turns into a bright day and a hot summer turns into beautiful raindrops, we must recognise that change is unavoidable and that nothing will ever be the same.

You see change is everywhere, from the arrival to the departure, from the beginning to the end, the most important and valuable journey that you will ever witness is transformation within you. Transformation can come in the mysterious guise of shape-shifting, or through a simple change of mind. Nothing gets transformed in your life until your mind is transformed.

With the motive to know your story, What changed you? Or how your transformation was all about? Let's begin together towards a new beginning and new experience, putting you in the reader's seat now to see how Allagí was for the people in our college unleashing you VISTA 2021 with the hope that you give it a good read.

- Samruddhi Gamre
Student VISTA incharge



Late Padmashri H. G. Vartak
alias Bhausahab Vartak
Founder President of
Vidyavardhini
(1914 - 1998)



Late Smt. Tarabai Vartak
Former President
(1926 - 2008)



Late Shri. Prataprai Khokhani
Former President
(1933 - 2018)



GOVERNING BODY

Shri. Vikas N. Vartak

(President, Vidyavardhini)

Shri. Shantaram B. Jadhav

(Vice-President, Vidyavardhini)

Shri. Pandurang G. Naik

(Vice-President, Vidyavardhini)

Shri. P. D. Kodlikar

(Vice-President, Vidyavardhini)

Shri. Arun G. Vartak

(Chairman, Vidyavardhini)

Shri. Madhukar N. Mohol

(Secretary, Vidyavardhini)

Shri. Hasmuk M. Shah

(Treasurer, Vidyavardhini)

INDEX

ENGLISH SECTION

- Transforming mind through self awareness
- Dream!
- Maa
- She is my Ammi
- Let them sleep
- Cursed 2020
- Maa
- The first man of my life
- Inception
- Golden rule of life
- The dream of last night
- Smile
- The darkness after Diwali
- Allagi-Stop it, if you can!
- The Shenzhen Saga | Rise of China to global tech dominance
- Transformation – The happiest girl !
- Mind the window
- Sometime change is indispensable
- Pandemic affected my sleep
- Tabdili –The transformation

HINDI SECTION

- कहानी अनसुनी
- हिंदी माथे की बिंदी
- अच्छा लगता हैं
- आदर्श
- बदलाव की मांग
- कोरोना
- लीव लाइफ
- मतलब
- जिंदगी का सफर
- ज़माना

MARATHI SECTION

- नातं
- प्रवास माझ्या स्वप्नांचा
- घराला घरपण कसे येते !!
- पाऊस आणि प्रेम
- ताई
- स्वप्न
- खरा आनंद कुठे असतो ??
- आयुष्य
- कुटुंब
- नवा मी: निसर्गप्रेमी
- प्रेम
- प्रतिबिंब
- बाबा तुमची खुप आठवण येते....
- जगण्याची समृद्धकला
- लोक काय म्हणतील.....

INDEX

REPORT SECTION

- Faculty Upgradation

Department reports

- Civil Engineering
- Computer Engineering
- Electronics & Telecommunication Engineering
- Instrumentation Engineering
- Information Technology
- Mechanical Engineering

Committee reports

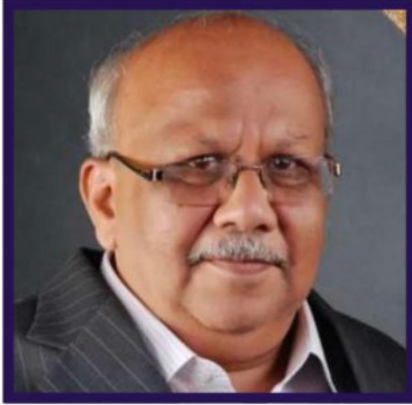
- Students Council
- Sports Committee
- Literati Club
- NSS
- Training & Placement
- Hackathon Committee
- CSI
- German Club
- IEEE
- Solection
- Airnova
- E-cell
- C3

- Team Centurions
- ETA
- Team Ethan Racing
- IETE
- ISA
- ISHRAE
- WEC
- Website committee
- VMEA
- CESA

PHOTO GALLERY

- Zeal
- Avahan
- Literati
- NSS, WEC
- Hackathon, Oscillations
- Ecell, Emechto
- ETA, Ethan
- Solection, VNPS
- Centurions, CESA

FROM THE PRESIDENT'S DESK



Dear Friends, It is the time of the year when all the hidden literary talent of VCET comes in full blossom and a carefully selected bouquet is presented in our very own VISTA 2021. In this part of our engineering education where we are constantly surrounded by technology & jargon where literary talent is seemingly a faint voice, Vista provides a gateway to express one's literary talent. There is so much to read, learn and cherish. It is the literary amalgamation of creativity and thoughts bundled in one publication: VISTA.

Since its inception in 1994, Vidyavardhini's College of Engineering & Technology (VCET) has always strived to contribute to the cause of nation-building through using the most powerful tool, EDUCATION. We believe in quality education first! We thrive at mutual trust and hardships required to achieve excellence. We believe that learning shall be a joy and teaching a pleasure.

With this ideology, VCET has traveled so long and entered in 28th year. During this journey we achieved – Excellence, we gained – Trust, We believed in Education. We nurtured Young Talents. We prove – Ourselves, We showed -integrity & We cherish our motto 'Overall Development of the Students'. Beginning something new fearlessly, expecting the least, creating new success stories, and making memories are what we have learned throughout this journey. On this occasion, I am feeling proud and privileged to address you all.

Along with technical education, VCET also caters to students' needs in all possible directions naming a few cultural, literary, social, entrepreneurship, competitions, professional, internships, recruitment, and so on. I feel very honored that on every front VCET has shown its excellence and supremacy, VCET has proven itself to be one of the best institutes in the state and this is abundantly reflected in the success of its students in academics, (in securing admissions to top universities in India and abroad) as well as in securing placements in some of the best companies. Engineering education in a multifaceted environment is an experience by itself. Engineering is not just formal education but is an excellent generic intellectual qualification to develop students as engineers. VCET engineers have contributed greatly to technology in the past and we are convinced that our Engineers will be at the forefront of technological progress.

I am very proud to share that our college is one of the most eminent Higher Educational Institution and is renowned for the standards of its Faculties, Students, and Alumni. It is constantly pushing the frontiers of knowledge and ensures the futuristic approach that keeps pace with changing trends of the professional world it is a matter of pride and privilege for me to see all of you doing well as Faculties and as Students.

I hope you have as much joy flipping through the pages as students did compiling it.

Vikas N. Vartak
President, VCET

FROM THE PRINCIPAL'S DESK



“Sa Vidya Ya vimuktaye” is the motto of our institute. The motto means Knowledge is the one that liberates. We at VCET are thriving hard not only to impart knowledge but also to impart skills. We have established centers of excellence and are strengthening industry-institute interaction. This year we have established INSTITUTE INNOVATION COUNCIL.

After NAAC accreditation we have applied for NBA (National Board of Accreditation) accreditation. The NBA accreditation today is based on Outcome Based Education (OBE). I take this opportunity to address few aspects of OBE.

Outcome-based education is targeted at achieving desirable outcomes (in terms of knowledge, skills, attitudes, and behavior) at the end of a program. Outcome-Based Education (OBE) formulates content around activities that leads to specific outcomes.

One of the basic principles of OBE is to provide expanded opportunities to the learner. This is based on the psychological perspective that anyone can learn, provided that activities are conducted to suit the learner's level of capabilities. Positively, OBE caters to the individual difference of learners. Moreover, in an OBE – approach, a student is not a passive recipient but an active and focused participant in the process of constructing knowledge and skills in the lines of the outcome. Frequent feedback about their performance will be a motivating factor that boosts up their future learning endeavor. Hence OBE, is a clear system that is rooted in a learner-centric approach with a sound psychological backup.

At VCET we are aiming for the transformation of XIIth passed out students/ diploma holders into professional engineering graduates. They will be professionals with a progressive mindset. The effective implementation of OBE is the key to achieving our aim.

“VISTA” our college magazine is an outcome of our students' and staff members' creativity in the field of literature and technical write-ups.

I take this opportunity to acknowledge the sincere efforts put in by the magazine committee in bringing this issue of “Vista”. I also take this opportunity to acknowledge the support provided by our trustees in supporting growth activities for our students.

Dr. Harish Vankudre
Principal, VCET

FROM THE DEAN OF ACADEMICS



It gives me immense pleasure to pen down a few words for the Vista'21, the in-house college magazine. I congratulate all the contributors and the editorial board - "Literati - The Literary Club" for bringing out such a beautiful magazine.

I write to you during what has been the most surreal and challenging start to an academic year that any of us have experienced. The global pandemic, and its consequences. While we try to navigate the impact and uncertainty created by a global pandemic which caused us to move to virtual learning, VCET faculty, and staff members have been extraordinary, providing advice and career service support remotely, surrounding our students with all of the guidance and counsel that they need to be successful. And of course, our students. They have shown remarkable resourcefulness as they transitioned to a new online learning environment and left behind friends, student clubs, and community connections.

VCET as an institute believes that true education is always both an experience and a process, and some of the most profound and lasting student learning experiences happen beyond the classroom. Internships, research, extracurricular, and leadership skills are critical components that we value keeping up with across our rapidly spinning world. Our focus is to transform theoretical knowledge into practice and to build the confidence of every student developing their personality to meet industry requirements. In accordance, we have our newly developed Center of Excellence of Siemens and Texas instruments and choice-based curriculum.

All the courses at VCET are focused on the growth and development of each and every student. And to look out for the same, a Proctor is being assigned to every student to ensure their academics, attendance, and complete profile to help them. Also, in the final year, students are offered interdisciplinary institute-level electives to broaden their knowledge. Though the whole process has moved to an online platform, the teaching-learning process has remained the same as before. And our academic results continue to be excellent and are in the departmental reports.

Through it all, we continue on, more than ever on bringing new programs like Computer Science and Engineering (Data Science) & Artificial Intelligence, and Data Science to keep up with the smart world we are heading into. Emerging technologies like smart homes. Robotics, AI and ML, Digital transformation, Quantum computing revolution, transparent security, etc are going to take the world by storm. And to make our students upgrade their skills we continuously thrive to deliver the best output.

The Training and Placement Cell continued with their excellent work with the placement team at its best and the immense participation of students in Campus Aptitude Training and internship are worth appreciating.

I hope you feel inspired to engage with those around you. By organizing and taking part in various creative, technical, academic, and co-curricular activities and participating in forums such as ECell, IEEE, IETE, ISA, ISHRAE, CSI, etc. we make sure the student gets the best exposure to opportunities to create a better version of themselves. With this focus, I am confident that we will emerge from this time in our history as a stronger technical institute, and as better human beings and leaders.

Dr. Vikas Gupta
Dean-Academics

FROM STAFF INCHARGE, LITERATI COMMITTEE



Literati - The Literary Club serves to the needs of students with creative thinking, reading and writing abilities. And to be part of such a clever team I would like to express my deep sense of gratitude to our Principal, Former magazine in-charge and other committee members.

The novel coronavirus has disrupted much of the educational environment and so much to the extracurriculars in the recent years. Though moving to virtual platform was challenging, but I must say every member did their best to cultivate the enthusiasm, shifting to social media apps, video calls, and proving that somehow the show must go on. Also, it is worth mentioning that over the course of academic year 2020-21, with everything virtual the committee did their utmost best in promoting and conducting literary events.

We started our year with our very first event – “Marathi Bhasha Diwas” which was like a fresh breath for everyone and a little different with respect to most English and Hindi speaking event. I appreciate all the positive and warm reception by every professor and student. Our another event “Extempore” was a splendid success as this event was streamed live on YouTube! We received admiration and great talents from audience and participants respectively.

The Literati Club's most awaited and fun event was "Lit fest" wherein students showcased all creative abilities through their writings. Lit fest consisted of various events namely Writing prompts, Look into the book, Dialogue writing, Choose your anime and Lit quiz. The events were a great way to promote group harmony and to elevate their knowledge. The ingenuity of the participants was reflected in this competition.

All this success was possible only because of the dedication and enthusiasm to do better. Literati literally fosters the idea of creativity, fun and teamwork. Which is why I'm obligated to our Principal, Management, Deans, HODs and other staff members for their potential support and guidance and the student fraternity for their contribution from organising programmes to participation and the writing their thoughts and skills.

I would also like to thank and congratulate the Literati committee Chairperson Srishti Shukla & team, Co- chairperson Smit Master, Maria Matthew, Kaushik Raikar. As we are all introduced to E-magazine which was introduced to us by the team, a great cheer to them!

Ms.Swati Varma
Staff Incharge, Literati committee

FROM CHAIRPERSON, LITERATI COMMITTEE



It gives me immense pleasure to pen down my addressal for Literati-The Literary Club. When I joined the committee it was named 'Magazine Committee' and today it is 'Literati Club'. The committee has been my home since my first year at VCET. Now that I am in my final year, I look back and see the growth of the committee and all the people that I have come across, worked with and led by. It has been one rollercoaster journey.

The theme for this year is 'Allagi- Transformation of Mind'. We at Literati Club focus on the overall development of students and encourage them to participate in activities that will shape and help them grow at interpersonal level.

This academic year, due to the pandemic all events were implemented virtually, via various online platforms. The year began with 'Marathi Bhasha Divas' which was our first online event conducted exclusively for the VCET staff; the committee conducted the event smoothly and was praised unanimously by the staff as well.

Last year we instigated 'Lit-Fest' and after receiving a tremendous response we added a few more events this year such as 'Choose your anime' and 'Dialogue completion' to name a few. Extempore competition was a hit as we received a record number of entries and a enthusiastic participation from the participants. The event was streamed live on YouTube with students cheering their friends and competitors alike.

The committee gave me a chance to showcase my skills and prepared me for the upcoming journey. From learning to work in a team to leading a team, to completing the assigned tasks within the given time to delegating tasks, valuing everyone's opinion to taking firm decisions on my own.

I would like to thank our honorable principal sir Dr. Harish Vankudre, our staff in-charge Prof. Swati Varma ma'am for her support and guidance. Thanks to all BE members; Smit, Maria, Kaushik, Rimpa, Rahul & Reeya for trusting me and supporting me. Huge thanks to Samruddhi, Faiz, Insha, all the editors, sub editors, TE, SE and FE members, without whom the journey wouldn't mean this much. Lastly special thanks to the Technical team for composing another beautiful edition of VISTA.

Srishti Shukla

Chairperson, Literati committee



1

ENGLISH SECTION

EDITORIAL



" Everything must change for everything to remain the same. "

Change simply means to apprise oneself in adversity. Transilience is what we have all experienced over the past year. This year was so surreal it taught us more than any decade could ever have. We all were homebound and remained socially distant. We adapted to all these changes slowly and steadily. But by slowing down everything somehow speeds up, months went by and it felt like a week. Lack of activity shortens time. Time made us feel resilient and bored. We became more empathetic but also selfish thinking about our health and convenience which is not bad. A year where we were all by ourselves restricted within four walls bodily but mindfully we were freed. New perspectives were set in and for some of us it was a new beginning. Allagí is what all is. Our theme for this year's magazine "Allagí - Transformation of Minds" is for the adaptation and steady change which we have experienced over the course of this year.

Literary club's sole purpose is to foster young minds and showcase their creativity. Crafting this year's Vista was an alluring experience for each one of us, the academic year went virtual but the creativity and diligence stayed real.

On behalf of the entire team of Literati Club I would like to thank our honourable principal Dr. Harish Vankudre, Our staff incharge Ms. Swati Verma for their guidance and support. I would also like to thank our Chairperson Srishti Shukla for leading our committee generously. A big thank you to all the students who sent in all their creative ideas without which this would have not been possible.

Shivani Kamble
SE- EXTC



Transforming Mind through Self Awareness

Every time we think about the mind it seems like very complicated software. So many layers are there. People say our subconscious mind was engaged or I did this consciously or he behaved as if he was completely unconscious and so on.

Honestly, technically there are numerous aspects of the human mind. But the biggest challenge always is how we can channelize or transform our minds towards the desired goal of life.

Synchronization of our mind thought and work(Karma) usually brings such transformations in life and mind. It all depends on how we perceive, receive, and accept ourselves. Once we are more updated and aware of ourselves these transformations become easier. Sometimes even one moment is sufficient to bring that change and at times even years are not enough.

Our mythological stories and historical events give us a great idea of how knowing self or having self-awareness leads to great transformations. One of the most prominent ones from the epic Ramayana is our original superhuman Lord Hanuman who was reminded of his hidden potentials and achievements by Jambavant when he was required to cross the ocean in search of Devi Sita.

In another way, we can say Hanuman was counseled by very senior and experienced Jambavant to make him aware of his own abilities to accomplish one of the most important and difficult missions of his life. Another example is the transformation of Prince Siddharth into Lord Buddha. Buddha is a perfect example of remaining humble and inquisitive, untouched by all materialistic pleasures surrounding him. In today's generation where people are after the physical pleasures and money, such kind of transformation is needed within us.

Another story in the context of Lord Buddha is that of Angulimal who was rehabilitated and transformed as a monk in the influence of simplicity and fearlessness of Lord Buddha, in just a moment. In today's world, such kind of story gives us the confidence to fight against violence and corruption around us which is necessary for transforming society.

Even in present generations, one recent example of the biggest transformation is Lt. Nikita Kaul, wife of Martyr Major Vibhuti S. Dhoundiyal(Martyr of Pulwama attack-2019). Her self-confidence and awareness led her to carry the dreams and passions of patriotism in spite of her personal loss. She has emerged as a role model for many as her dedication and hard work transformed her identity in life.

People with disabilities who play Paralympics and win medals are definitely the greatest examples of transformed lives where instead of blaming situations and limitations they focus and explore their strengths and emerge as winners.

This can go endlessly as every individual has immense potential to transform and perform. The only thing needed is to have more awareness about self. So let's try to be more intrinsically motivated and self-aware. As the saying goes-Self awareness is the key to self-mastery.

Dr. Poonam Surange
Staff



Allagi

Transformation of Minds



Dream !



Run that race,
Be that face.
Keep your eyes open,
Dream!

Aim for that money,
Keep working hard honey.
Let that rejection foul your hope to win,
Dream!

Take that opportunity,
Keep that flame burning.
Follow that voice in your heart,
Dream!

Ignore the unwanted noise,
Don't let fear design your poise.
Have faith in your capabilities,
Dream!

Let those ifs and buts drown,
Keep marching towards that crown.
Be the force that can't be defeated,
Dream!

- Zahabiya Dalal
(TE INST)



Allagi

Transformation of Minds



Maa



Emerged in this world which is nothing but an illusion,
The worst time appeared for the infant as seclusion.

Aha! I saw a goddess among the mortals,
Who looked like a lily in the mud as I chortled;
She took me soon in her soft lap,
The first time ever I took my nap.

The nectar she fed challenges the gods,
And gave me life to enlighten the world;
The life which appeared a bane for me,
She altered the bane in boon easily.

The greatest bond among all known relations,
The epithet for calling the earth and Nation;
The word sufficient to recover a pain,
And the first teacher who demolishes the bane.

I always try to pay her debt,
And hope from others to do the same;
The debt she made erased the strife,
That I can't repay throughout my life.

- Piyush Kripashankar Pandey
(T.E. Comps)



Allagi

Transformation of Minds



She is my Ammi



She is the one who gave me birth,
And the most caring creature on the entire Earth.
The one whom I can trust blindly,
And who always deals politely.
She is my kind Ammi.....

She always taught me difference between right and wrong,
And she made me a warrior, very strong.
Her smile is so pleasant and adorable,
Maybe because it's priceless and unaffordable.
She is my ecstatic Ammi.....

She forgives me even when I make a mistake,
She is the director of my life, always ready to retake.
With her each and every moment is a wonderful moment,
And whatever she does is just for my betterment.
She is my gorgeous Ammi.....

She keeps on cleaning me even if she gets dusty,
For her, I'll always remain pristine even if I'm nasty.
Everything she cooks seems to be so yummy,
No matter how empty she is, she always fills my tummy.
She is my Prestigious Ammi.....

She is the one I don't want to live without,
No matter how much we fought.
She is indeed a sign of divinity,
And the best gift I got from the Almighty.
She is my life, my Ammi.....

This poem is not enough for what I wanted to express,
But there's one thing I wanted to confess.
Nobody can ever love me the way she does,
Because she is my precious dove.
She is my everything, my Ammi.....

**-Your good girl
Insha Mulla
(SE-IT)**



Allagi

Transformation of Minds



Let Them Sleep

Let them sleep...
Let the alarms ring...
Let the snooze button click...
When they wake , let them see...
The new world they dreamed .

All the lies woven in webs.
The floods will take them all away.
The carved stones that they killed for..
All will sweep down to netherway ...
Now the feared mind won't utter a word.
And no one will believe what they used to hear.

Believing the transparent lies .
They surrendered their precious sky.
They stand now at the end
And of courseno one taught them to swim at all...

And when they see others drown.
The flood sweeps with no difference of mortal kind.....

- Sharad Billava
(SE Comps)



Allagi

Transformation of Minds



Cursed 2020



The day I celebrated new year's arrival,
Didn't know what it brought along,
Considered traditional as it were before,
The form it showed attested me wrong.

The thing that looked amazing externally,
Is not certainly the same, it proved;
And revealed its hidden, the first bad omen,
As evil pandemic with millions deceased.

Not yet stopped, perhaps wanted calamity,
Trampled prosperity that led to dearth,
Not even showed mercy to poor,
Spread vigorously, infecting the earth.

It's been a long time it dominates the globe,
The masked, still waiting for hope,
Even second god is unable to save his people,
And countries' leaders have gone inapt.

- Piyush Kripashankar Pandey
(T.E. Comps)



Allagi

Transformation of Minds



MAA



So Many Names For One Person,
So Much Of Love And Care, Just For Us.
We All Have A Best Friend In Our Lives,
We Can't Have A Best Friend Like Our Mother In Our Life.
Maa, You're A Wonderful Mother.

So Many Problems, One Solution,
So Much Of Struggle, Just For Us.
We Have So Many Reasons To Smile,
For Her, We Are The Only One Reason To Her Smile.
Maa, You're A Wonderful Mother.

So Many Talents In One Person,
So Much Of Precautions, Just For Us.
We 24×7 Think About Others,
She 24×7 Thinks About Us.
Maa, You're A Wonderful Mother.

So Many Things To Learn From One Person,
So Much Of Sacrifices, Just For Us.
We Always Share Everything With Our Closest Ones,
She Always Shares Everything With Us.
Maa, You're A Wonderful Mother.

So Many Super Powers In One Person,
So Many Delicious Foods, Just For Us.
We Always Think Of Taking Leave For Silly Reasons,
She Never Took A Break For Her Personal Reasons.
Maa, You're A Wonderful Mother.

So Many Special Things To Share With One Person,
So Many Things She Manages, Just For Us.
We Feel Hurt When She Cries,
She Feels Broken When We Cry.
Maa, You're A Wonderful Mother.

- Yash Gunpal Kharat.
(S.E. Extc)



Allagi

Transformation of Minds



THE FIRST MAN OF MY LIFE



It's a story when I was born,
What I really know was only to cry and frown,
But there was a king who grabbed my HEART's throne,
He wasted his precious time to make me adorn,
He is none other than my DAD, the first man of my life.

Whenever he took me up in his hand, he always smiled,
He consulted me to the doctor even when fever was mild,
I am PRINCESS for him and not just a child,
He always protected me from domestics as well as wild,
He is none other than my DAD, the first man of my life.

He bought new shoes for me while he was barefooted,
He never ate food properly but gave me ice cream - chocolate coated,
My entire life is in his DIARY - everything is noted,
He is my best friend and my love - always devoted,
He is none other than my DAD, the first man of my life.

Whatever I needed I said him without any fear,
Because he could never see my eyes with tear,
Now as I am a GROWN UP girl, I have nothing to share,
Still he always comes forward and loves me with immense care,
He is none other than my DAD, the first man of my life.

-Your grown-up girl
Insha Mulla
(SE-IT)



Allagi

Transformation of Minds



Inception



Last night I had a nightmare scary,
Destruction prevailed, devastated the prairie;
The world seemed lorn, triumph to calm,
Were we responsible for that damn?

I saw a mortal still alive,
He was sitting inside the shambles;
It seemed as he was there for years,
Weakened totally, the body did tremble.

Still, he smiled closing his eyes,
The face did glow, the pineal was light;
The whole day he sat in the scorching sunlight,
And never deviated in the dark chill night.

Enlightened enough to indwell in infinity,
Well, sapient to attain salvation;
But will never avenge for what we did,
Endeavoring to find a way to inception.

- Piyush Kripashankar Pandey
(T.E. Comps)



Allagi

Transformation of Minds



Golden Rule Of Life



Easy Is To Get Place In Someone's Address Book,
Difficult Is To Get a Place In Someone's Heart.
Easy Is To Point Out The Mistakes Of Others,
Difficult Is To Recognize Our Own Mistakes.

Easy Is To Hurt Someone Who Loves Us,
Difficult Is To Recover From That Pain.
Easy Is To Set The Rule,
Difficult Is To Follow Them.

Easy Is To Show Our Victory,
Difficult Is To Hide Our Failure.
Easy Is To Promise Something To Someone,
Difficult Is To Fulfill That Promise.

Easy Is To Say You And Me Forever Together,
Difficult Is To Work Together And Make It Happen.
Easy Is To Make Mistakes,
Difficult Is To Learn From Them.

Easy Is To Be Kind to Others,
Difficult Is To Get The Same Kindness From Others.
Easy Is To Have Feelings For Them,
Difficult Is To Get The Same Feelings From Them In Return.

Easy Is To Say Be Loyal To Others,
Difficult Is To Be Loyal.
Easy Is To Read This,
Difficult Is To Follow.

- Yash Gunpal Kharat.
(S.E. Extc)



Allagi

Transformation of Minds



The Dream of Last Night



Somewhere on a remote island,
Found myself alone and exhausted;
Then considered how I came,
And regret for the time I wasted.

Soon I saw a girl with a lamp,
Her face was glowing in that dark night;
Whiter like snow, looked like lily,
Among the stars, her eyes were bright.

Such beauty existed on the earth,
I wondered on seeing that lady;
Fairer than moon, fairies would jealous,
Enlightened the island with her beauty.

I guessed she would be the princess of fairies,
Then I thought that too was less;
She resembled at all with goddess,
Looked cautious, glad and fresh.

I approached her with hope,
Asked about her and the island;
The reply I got, shocked me at once,
Questions were moving as the heart beat ran.

She told that she lived alone on the island,
And took me to her secret shade;
There she gave me nuts and fruits,
I slept at once to get some rest.

And when I awoke, she was absent,
Leaving me alone, on that weird island;
Again I wandered here and there,
But could not find a way anywhere.

“She deceived me”, I screamed,
But no one was there to hear my scream;
Alone left on that weird island,
I then awoke and it was a dream!

- Piyush Kripashankar Pandey
(T.E. Comps)



Smile

"The beginning of life started with a cry...."

Fed up by this Shivu woke up.

"Oh ..come on, now even my thoughts are getting me bored."

The leaves of the tree were rigorously moving with the winds .Shivu took a look on the watch on his left hand . It was showing 5'o clock in the evening . He concluded that he slept for nearly three hours . He took a lazy yawn then stood up stretching himself . The sun was already on its way to set. The atmosphere was filled with chilly winds. Down through the plain he could see the farmers rushing their cattles inside shelter . He was sure that a storm was on it's way .

But he didn't care . Mom left for Bengaluru . To attend someone's wedding . For about 4 days . Nothing brought so much smile to his face. Now he was alone with his Grandparents .

He picked up his crossbody bag . Picked up the stick which he picked up on his way up . He fantasize it has a sword . He marched down like a soldier . The air was now holding the fragrance of wet soil. It gave him goosebumps. He somehow was feeling very happy.

He reached the main road . He passed through Shambu anna's house. Anna was busy taking down dried clothes beside the well.

A thought peeked into Shivu's mind.

"Oh...shit!!!"

Shivu was now running . His run resembled that of a deer. Hopping up and down the road.

He still had time. The rain was still at halt . But the wind gushed around like a train.

"What if the clothes flew with the wind..No No..that can't happen."

He reached the front gate of his house . But it was late . He could see something flying . He was sure it was his undergarment . He could see all the clothes hanging out on the rope beside the well. But his undergarment gave up and now was with the wind.

"Hey , Shivu ...are you ok???" the voice ringed a bell in his heart.

He looked back .

Jane was standing behind him. Holding a bicycle beside her .

Shivu was now left even speech less.

In all the time of his life. She choose this moment to talk to him.

Jane puzzled with Shivu's surprised face. " You are Shivu.. right,the one who sits on last bench." asked Jane.

" Yes , myself Shivu.... (wait i am introducing myself..yah but i never spoke a word to her ..ever.. it's ok to start with introduction ..wait...i fucked up...)

"Ohh....Hi myself Jane ..!"

(She introduced herself ..what a fool i am..! Wait she is giggling ...i knew you messed up...the very first impression.)

Now Shivu's social anxiety kicked in .

"It's easier to solve a puzzle than to speak to someone with no purpose."thought Shivu.

" Aahh Shivu.. Have you seen a dog nearby .My dog ran away and i am looking for him.." asked Jane.

"Dog ...which species.." asked Shivu.

(You are definitely going to die lonely ...Shivu..Why??)

" Species ...a local one. Black colour and about the height of knee.."replied Jane.

Shivu now made an amused face. And raised his leg . "How can a dog be that small? Was he a puppy???"

Jane replied with a smile.

"Shivu , that's the ankle...I said the knee is the one which joins your thigh to legs."

Shivu realized his dumbness.

"Oh no..I haven't seen one....I mean him!!!"



Allagi

Transformation of Minds



"I looked through the whole main road then I saw you running. I thought maybe you saw him. He was beside me but he got afraid of thunder and started running.."

Shivu was now confused . He didn't know how to comfort anyone, especially a girl. But also a girl whom he is speaking to for the first time since she shifted a month ago. His overthinking mind never calculated such a possibility . He was not prepared.

Shivu opened his mouth to speak . But he saw a black figure sitting beside his leg . Jane dropped her cycle and got hold of it. It was the escaped dog .

Shivu didn't recognize the dog but recognized the thing in its mouth.

Jane stood up embraced .

The dog was chewing the undergarment.

Jane broke the awkward silence.

"Healways does that ...once he got hold of my father's pants and ran across the whole town."

A thought knocked inside his mind .

Wait does she know it's mine.....wait wait ..how the hell she can know...

Oh my god ...my ..brain is falling beyond measure...

"Shivu are you.... alright...?"asked Jane upon seeing his fallen jaw.

"Yaa .. everything is good...by the way what's his name ??" asked Shivu not knowing how to continue.

" His name is Rocket. And you can guess why..??"

"Rocket interesting name for a dog(well as expected from a dog who caught my rocketing underwear...) Because he runs like a rocket. "

Jane giggling at the answer.

"Yes you are absolutely right..."

The dog opened his mouth and placed the underwear on Shivu's foot.

Jane stood there giggling .

Shivu picked it up.(Wait I am picking it up ..even she doesn't know I am confirming itwait you are overthinking just keep your mouth shut..)

"So you live here ??" Asked Jane.

Shivu looked at the gate behind and replied " Yes ,I live here..."

" Quite a lovely surrounding with all the trees and mountains behind . I always wanted to live in such a place . There is nothing much on the market side where i live."

" Actually it was a part of the forest but the locals had to clear that part for the main road then the market was built up there." replied Shivu with a sigh.

The wind blew more heavily . The cold wind danced on the trees around. It blew her open hair on one side. Shivu was awestruck by her beauty .

As if he had never seen such a girl before .

For the first time he felt a race of blood not in his brain but in his heart . He wanted to suppress it but not today his soul wanted to be free .This may be a minute for others but for Shivu this moment was going to change his heart forever.

The light shower of rain arrived.

Jane adjusting her hair observed Shivu's gaze.

Shivu flinched at being caught .

"It's a light shower now, you better get going ..(that's rude)"

He just wanted to suppress his feelings.

At this Jane opened her mouth to say something but someone caught her attention.

"Shivuwhere were you ?..... the rain caught up and the clothes are still hanging out there. (Shivu's grandma shouted while standing at the gate) My saree flew up to the wind and got stuck on the coconut tree . Your grandpa is taking it down...."

"That's my Grandmashe doesn't even care for anyoneyou know... pretty straightforward....."

Jane shook her head... while observing Grandma.



Allagi

Transformation of Minds



Shivu looked behind and replied

" I was up on the mountain"

Grandma interrupted .

" ..Shivu..your Grandpa said that your underwear too flew up to the wind..."

(Seeing his hands) ohhh you already got it ...come inside now help me arrange the clothes ..."

Shivu now got red in the face.

He could hear Jane's giggling ..

(Why does this always happens to me....??)

Grandma now observed the girl behind Shivu.

"Aren't you the granddaughter of Thomas??" questioned Grandma

"Yes ...myself Jane.."

"Ohh , such a sweet name . You look quite similar to your mother... Similar eyes ."

(She can't even differentiate between Fluffy (Shivu's dog) and me ..how the hell can she see her eyes.)

"Well it will rain heavily.... come inside ???"insisted Grandma.

(Wait ...wait ...wait... What... No, I can't let her in . My Grandma will definitely roast me in front of her. She will end my sweet story before it even starts.)

" Thanks , but I have to go,my grandpa will be looking for me. "

answered Jane.

(Ohhh ..thank God for saving me here.)

" It's ok i will call him.. and tell him..that you are here..it will rain heavily ...better you come inside.."

Grandma replied while smiling.

(Oh lord you are surprising me in uneven ways)

" It's ok , i can manage it's not raining so heavily. Grandpa is waiting alone at home. So i have to get going...". Shivu released his stuck breath.

"Ok..as you wish ..be careful and telephone me once you reach home haa...." Grandma replied to her with a smile.

(She never smiles this much.. what's going on in her mind.)

" So.. Shivu ...Goodbye.."

Shivu nodded and said..

"Goodbye...Jane.."

"See you at school ... tomorrow. "replied Jane and picked up her cycle. Shivu helped her with this.

Grandma moved inside after Grandpa called her.

" Ohh Aaji went inside. I didn't even say bye to her." sighed Jane.

"Today i will be cursing myself. I clearly had a chance of talking to your Grandma and...i just missed it.."

Shivu raised his eyebrows .

" So you are a fan of my Grandma.."

At this she replied with excitement .

" Yes , i have read her every book..."

No one in the world inspires me then that..When my Grandpa told me that she lives in this village i couldn't believe it ...I thought he was joking..but I saw her at the fair the year before and i just was left speechless....."

(Damn i have met and seen Grandma's fans but not like this one or someone of my age..)

"And today she invited me...to her house...and i"she released a bigger sigh ..this time

" It's okay you can meet her any time she is not at all busy .."Shivu replied with a comforting smile.

" Ohhh yes ..she is your Grandma..Can you help me meet her sometime..?"

she asked with a smile that made Shivu's heart flutter.

Shivu couldn't resist his blushing . This time he was caught off guard.

Shivu nodded his head.

"Yah ...I can help you with that..!"

Now there was silence, no topic to talk about and where telling bye will be rude in a way.



Allagi

Transformation of Minds



Jane broke the silence.

"I better get goingSo bye... Rocket come.."

" Yeah sure...Bye.."

The dog followed her as she rode the bike to the main road .

Shivu stood there just capturing it all in his memory .

Jane was still visible riding her bicycle and the dog following her.

Shivu's brain was now catching up. He realized the mistakes he made in the conversation.

(Damn you overthinking mind)

With all his thoughts going on he saw Jane looking behind and smiling. He could see her smile. The most beautiful of all declared his heart.

His face automatically responded to it. He was smiling too.

Jane looked forward and entered the small bridge over the stream . She was out of sight.

His body wanted to move but was no more willing to. He snapped out .

"What the hell??"

It was all new to him . For the first time he felt such a rush. His brain concluded something terrible was going to happen . But as if he wanted it to happen.

"Boww....boww...woof"

He heard a distant bark . He looked at the fields where his underwear flew.

He could see Fluffy .

Fluffy started running towards him.

He could see a black thing in his mouth. As Fluffy approached, all happy. As if he will get a reward.

Shivu put his hand forward .

Fluffy dropped the thing .

He recognized it . It was definitely his underwear
"Ewwww.!!!"

Shivu dropped the one he was holding before.

"Today is definitely not my day.."

Fluffy was still looking into Shivu's eyes waiting for his reward.

At home(Electricity was cut down for the whole village)

Inside his room:

The night lamp glowed in the room.

He was sitting on his bed beside the window.

The wind blew heavily . It was a soothing cold wind. His diary pages were flipping . Today he was not in the mood to write .

The pages kept flipping .

The rain was now tame .But still could hear the thunderstorms indicating the second wave.

Today even Garuda was not in the village.

Shivu didn't had anything to note down. This Sunday he was unable to write anything.

His brain was freezed at a single frame. The memory was getting rewinded again and again he could see her open hair dancing to the wind and her eyes stick to his.

The eyes were just like the moon for his night all the one to be noticeable even in the blinding darkness.

He still didn't knew why he was looking up to the moment again and again . He wanted to think something different but ended up at the one single thought all the time.

"What the hell is this feeling....??"

He concluded it as his reaction of his overthinking..

He moved down from his bed and walked towards the study table . The pages were still flipping . The flipping stopped . He picked up his dairy . It was a blank page . But the title caught his eye.

Love : Is it just an emotion or a stimulation for procreating species??

The pages were blank . Probably Shivu was incapable of thinking about it at the time he chose the topic. A giggle escaped his mouth.

He closed the diary. And kept it inside his drawer.



Allagi

Transformation of Minds



He moved towards the window . The wind was gushing out along the empty fields . The coconut trees were just jingling at the command of the winds .

Shivu took a deep breath feeling all the coldness inside his breath.And closed the window.

He picked up the night lamp beside his bed .

And went downstairs towards his Grandma room. He choose to sleep downstairs today.

He kept the lamp beside her bed. She was all ready to sleep . Grandpa was already fast asleep. Shivu opened up the sheets on the floor and his bed was ready . Grandma dimmed the lights and the flame inside the lamp resided to rest.

"Shivu , if you feel like peeing..don't hesitate to wake me up ha...you know what happened a month before ..I thought the roof was leaking....."

Grandma spoke while laying on the bed.

"Aaji ...you know that don't say that word it arouses the feeling of pee....

And that you don't have to keep reminding me of that...it was a month before...."replied Shivu while stuffing himself inside the woolen sheets .

The atmosphere was chilly . And the wind was still banging the windows.

"I know thatmy little Shivu...but I also know that you are afraid of ghosts ... don't worry sleep tightly ..

And I pray to God to stop those monsters from disturbing your sleep...."

"Aaji can you just stop that ...you don't feel embarrassed ..."

At this Grandma let out her chuckle.

"Embarrassingha....you are really Shivu...." replied Grandma.

"The one who let their heart scream..

You tell them embarrassing...

Something may differ here...

That Fault is not yours neither mine,

Someday , someday you will be

Embarrassed that one of us was Right....."

The wind blew across the window.

Chasing down the trees ,the small stream,the river then the open fields,

and then finally losing themselves to the mountains.

The clouds now weigh down all their responsibilities to the ground .

The thunder rode the clouds like a horse.

Fluffy barked at every strike.

Not fearing just challenging the clouds . Along with his fellow partners in the cowshed .

Shivu was now fast asleep . Dreaming

Grandma looked down to see Shivu sleeping peacefully.

She smiled.....

Shivu was smiling in his sleep....

- Sharad Billava
(SE Comps)



Allagi

Transformation of Minds



The Darkness after Diwali



The remains of the fireworks are scattered on my ridge. Ambiances and some empty glass bottles with scorched necks are now charcoal black in colour. The red pieces of paper, like fragments of your reminiscences, remain with us. You are like the day after Diwali in more ways than I could possibly imagine. Gloomy. Quiet yet strong. Always sanguine and smiling. And now tired eyes, gazing at the black sky filled with smoke and dust. Missing the warmth of Diyas, 3000ft up in the sky.

The Diya in the verandah is void of oil now. The white thread burnt in its glory and all that is left behind is a skinny black thread almost like the last days we had with you; fragile. It breaks as soon as I let my fingers touch it.

You are like the day after Diwali, the upsurge of Happiness which comes and touches me sweetly, and disappears before I even get a chance to be grateful for it. And all that remains is an empty bottle with a burnt neck. We stay up, counting days and sometimes months at a stretch. You know, they say the no-moon night on the Diwali is the darkest night of the year. I agree. God does a good job of foreshadowing what is about to come, perhaps.

The quietness after Diwali night startles me at times. What happened to all the lighting, all the crackers breaking my eardrums? It just goes boom to bust. It all goes eerily quiet. In the middle of the night, we can almost hear the syllables coming from your mouth saying “Good-bye” and still smiling as you always do. And I let out a faint smile, even though it is just for the night. You came, without fail. The void which you left in our bodies isn’t going to get better anyhow, but then you come back again.

I swear, there is nothing better I can do other than recollecting those memories I made with you every time I was in the country side; every joyful, playful moment we spent on the field- jumping to and fro various plants right from Chickoo to Mangoes to Coconuts to Jackfruit to the paddy fields and then clicking pictures of the same memories I lived with you. Those flashing moments on the bike during the summers to fetch ice-cream. The inexplicable time spent at dinner with favourite dishes made at home. I can remember everything we did together right from your possessiveness to your love for everyone and your craze for materialistic things like Goggles, Perfumes and accessories. We miss you at every trivial things!!

I feel that as humans, God let us have memories so that we can numb the pain. So that we don't feel the loss of a loved one too much. Memories stay with us, forever. We can hold on to them close to our chests and move on in our lives. There'll be days when I'll be reminded of these moments, and I'll smile again. There'll be days when I'll relive these memories, because the day after Diwali will make me live those again.

-Kushal Raut
(SE EXTC)



Allagi

Transformation of Minds



ALLAGI- Stop it, if you can!



But... TERI NAZRON NE DIL KA KIYA JO HASAR, ASAR YE HUAAAA... AB IN MEIN HI DOOB KE HO JAUN PAAR, YEHI HAI DUA... Well, this was for the start and a smile on your face as you read it!

Years 2020, 2021 has been ALLAGI! Initially, due to the pandemic, we changed to online teaching patterns and now a huge CHANGE! Done with Sem 8 Exams! No College, No Assignments, No Lectures, in fact there feels a big void in life. There's nothing to fall back upon, all we have to do is, be out there and freaking get going on our own feet!

VCET! This has just not been a college for me, it's been a Transformation House for me! I remember the Omkar who entered the college on 1 Aug'2017, a naïve, juvenile kid to the Omkar host at Bollywood's Trending podcast show "How's The Josh?"

“SMOOTH LIKE BUTTER
PULL YOU IN LIKE NO OTHER
THE BEST 4 YEARS TO REMEMBER
TO REMIND YOU, YOU GOT THIS FOREVER”

This is BTS Ft. Omkar! I'm very sure everyone had their journey through VCET, which is unique and memorable. I want to thank each one of them who has been a part of my journey, has been there for me whenever I needed them! There were tough times, there were happy times! In the end what matters is what do we take out of this and what we become.

I'll miss the stage, the podium, the crowd, those committees, those butterflies in my stomach before hosting each event! Thank you for everything, Thank you for the starter!

Omkar Chaudhari
(BE EXTC)



Allagi

Transformation of Minds



The Shenzhen Saga | Rise of China to Global Tech Dominance



We keep cribbing about boycotting Chinese goods, especially mobile phones and other tech. But do we ever delve deep into why China has reached this position to be able to dominate? Everything can't be done by emotions. There is no point in discussing the Chinese phone situation in India simply because there is not enough competition from non-Chinese brands in India. When one, as a consumer, a price conscious consumer is put in a market to buy electronic devices like smartphones. What is one going to do? Definitely buy the one which gives the most value for your hard-earned money. Not everyone can afford to spend a premium for other non-Chinese OEMs. If you can, you should do it. But the point is, not everyone can. Thinking about how these Chinese Markets can do it for so less price than the competition? After all, if the USA has Silicon Valley, Shenzhen is the Silicon Valley of Hardware for sure. To understand, it is necessary to dive into the epicentre of China's tech revolution centre, Shenzhen.

Shenzhen actually started off as a settlement where fishing and paddy fields were the main occupations. Quickly enough, it transformed into a manufacturing hub within 30 years. Rewind to the 1970s. During that time there was stagnation. Soon after that, the government opened up. They started aggressive development and chose manufacturing as the key sector.

Anyone who came here to Shenzhen wanted freedom. It stood as the pillar of technology, knowledge and a window to the external world. Shenzhen actually started off as a source. A source of discovery. A source of inspiration. A way to take the ideas to the west. There were various moments which pushed it forward like the Maker Moment. What makes Shenzhen so special? How did they develop this electronic expertise? What gave them the edge? They divide the work into groups of groups. Something like idea of idea. There are lots of groups and everyone knows each other. One group can do parts of manufacturing, another group does something else, and so on. Thus, the whole city works together. Skills are learned through their mentors. These mentors are old entrepreneurs, and they pass it on through apprenticeship. It's a cycle. You learn through the apprenticeship, then you start business by opening a booth. Then, it is passed on to others. Now in this age of capitalism where one thinks about one's own growth at the expense of others and fighting on cut-throat competition, one gets to witness a one-of-a-kind collaborative environment where focus is on the collective development of technology and benefit for all.

If one is left wondering, why do other countries don't grow? It's because in other countries like the US, there is no such open-source world. There exists a patent system, IP filings, lawyers and so on. This acts as a drag and hurdle for small companies. For e.g. one knows the US products individually as brands, while in China it is simply called as Chinese products. It's simply because of collaboration. In Shenzhen, it is called sharing, while in the west it is called theft! Soon, there were companies like Foxconn, Moto, etc. which had plants here. There were smart engineers who got pissed off by the management and were like "I can build a phone better and faster than these guys can. I can also make it for ½ the price if we just cut the crap."



Allagi

Transformation of Minds



So, they quit their job, talk to their friends, created the supply chain and built copycat phones. According to them, they just open sourced what should have been open sourced in the first place. I feel it because of this mentality, it gave rise to a phenomenal customizable ecosystem.

To conclude, they will continue to innovate no matter what. They were doing it despite the government. They will keep walking their paths, if you cut them out, they will simply make new paths. It's just that people here earn places by their talents. What they do in the future would be interesting to see, as they did this from the ground for 30 years. It would be great to see such collaborative zones crop up internationally too, but with the touch of uniqueness.

- Kushal Raut
(SE EXTC)

Extroverts are their favourites
Society: Fixes eyes scan me till the bottom
Irony being- -
Me having been their prime suspect
The truth got interrogated
I knew mine
They were confident in theirs
Wishing both our versions matched
They go naming names
Up until our sins are the same!!

- Tara Saurashtri
(SE MECH)



Allagi

Transformation of Minds



Transformation - The Happiest Girl!

Before starting, let me tell you something. I'm sharing this because my heart told me that I should share this, and at last, there's a beautiful message for you all. So this is about a very weird girl. Why did I call her weird? You'll know at the end. So this was about a decade back. She was short and cute, but this was the only good thing she had. Apart from this, she was short-tempered, the most negative person, the humiliating one, the insulating one, the one who never respected, loved or cared for anyone or anything. She was good at studies but never made friends because she didn't trust anyone, I repeat no one. Not ever her parents or siblings. She was full of pride and anger. In short, each bad quality was present in her. She was damn arrogant. This is not enough, even though she didn't trust her lord, she was very unfaithful and hated praying. She always felt that something is missing, she was not happy with something. As time passed, she became more arrogant and selfish. But as we all know, it takes only a minute to change a person completely. So the day came, when she was in the middle of the 7th class of her school, she came home from school and her aunt was the only person she used to talk to for some reason. So, as she came back, her aunt knocked on her door and told her that they'll go somewhere in the evening. She agreed, exactly at 4:00 pm her aunt knocked on the door again and took that girl with her. She had no idea that this evening was going to be the transforming evening of her life.

Both of them went into a room full of ladies and a lady who was saying something. Around 4:30 they came back home. The girl came and stood in front of the lord, her mother was flabbergasted. She didn't know what happened. Not just this, after completing her prayer, she hugged her mother and told her sorry for whatever bad she had done to date. From that day onwards, she became a completely different person. Now the new girl was polite, humble, respectful, understanding, loving, caring, sincere and friendly. From the next day onwards she started talking to her classmates and because of her positive transformation even the people who were her enemy became her best friends. Now she is the sweetest and understanding person in her entire friend circle and family. That void is now filled, that was lacking happiness, and now she's happy eternally. She's happy with herself, her new version. Want to know what that lady said that Monday? Nothing different. That lady was a religious priest, and she just told what qualities the almighty loves in people and how He loves his creation. So to get loved by her lord, she transformed herself into the most beneficial and beautiful (both inside and out) person she can be. She's still short and cute, but infinite times better than she used to be.

The reason why I told you this story is not because I just wanted to share this, I wanted to convey a message. Never presume or prejudge any person, the same person can be a lot better than you, and you might not know about it. At last, the truth - I was that girl (Oops!). Last but not the least, there's a big list of people who changed themselves for the better and who're even better than me. Never think you're good enough, try transforming yourself into a better version. It's never too late and do everything with a motive to impress the almighty, not others. It'll be easy for you to live happily and peacefully.

- Anonymous



Allagi

Transformation of Minds



MIND THE WINDOW

I often think that a balcony is a perfect embodiment of the mind. The balcony is just like our busy mind and the windows are like our eyes. One can see either everything through it or nothing.

In my case, the transparent glass window tries to hide nothing. If one peeks into the window or through my eyes, they will realize that it's nothing but junk. This may bother the one who peeks through the window but is not a matter of concern for me. In fact, the sour reaction that the peeker gives after looking at the junk instead delights me.

But this delight was short-lived as when I was locked alone in my home during the lockdown, the constant noise from the kids, the birds and ever snoring Watchman had started to disturb me. As I would look outside the window to chase away the trio, my eyes were always caught by the junk. The realization that the junk outside the window that once was disgust and discomfort for others had turned out to be a source of disgust and discomfort for me. The time I spent alone on the balcony enlightened me that what I thought was a worry for others was in fact degrading my own balcony. The junk had caused the overall beautiful balcony to lose its beauty and was now spreading its negativity inside the house. A change was needed to fix this and I did not waste a single second in correcting my mistake.

Within a day I installed a wooden window that kept the disgusting sight away from me. Now I only open my window twice a day, to water the plant and to throw cold water on the noisy children and the ever snoring Watchman.

- Mankrit Singh
(SE COMPS)



Sometime Change is Indispensable



Sanchit was a boy from a very high and well-educated family. He had completed 12th standard and was now pursuing further education. He is smart in his studies, calm in nature and basically stays away from everyone. He loved guitar and music. But no one knew it except him. Maybe he wasn't even aware of it at that time. He had been taught since childhood to study and help his father in business. So he was deprived of his own likes and choices. He usually lived alone, from home to college and from college to home it was his daily routine. At home Mom and Dad were busy with work and younger brother went to school. There was only one friend in his friend list and he used to visit him with only his family. He was living in a world of solitude, privacy (a little too much), away from society, away from everyone, without the company of friends. He did not believe in things like friendship and love, and Sanchit had the mentality that all this is useless.

One day the college had an annual get-together. The decoration, song, dance practice was going on and the boy who was managing the event was Dhruv. Now this is the boy who is involved in everything in college. He loved to participate. That's when the singing practice was going on in a room. Some of the lyrics of the song fell on Sanchit's ears. In fact, he went ahead thinking that he had nothing to do with all these things, but he did not take any further steps after hearing the melodious sound of the song.

Then, without thinking for a moment, he turned to the sound of the song, and as soon as he got there, he picked up a nearby guitar and began to play. Dhruv and his entire team kept looking at Sanchit. It was not easy to come and play the guitar all of a sudden. Since Dhruv was a newcomer, everyone except him knew enough about Sanchit.

Sanchit was mesmerized and had no idea what was going on around him. He had no training in playing the guitar but as a child, he had a desire to play the guitar with ease, which was gradually left behind. The song ended and everyone started clapping. And he came to his senses. He had a guitar in his hand and all eyes were on him. He left the guitar there and took the bag and left. He had no idea what was happening now. Dhruv was very happy here. He loved Sanchit's guitar playing skills. He got up quickly and said, "This year, Sanchit will make our show better. No one will be able to play such a good guitar." Everyone started laughing, suddenly he didn't know why they were all laughing. Then a girl came forward and said, "Dhruv, are you alright? It is impossible for Sanchit to participate in the program. To this day, he has never participated in any kind of event". "But why is that?", Dhruv asked. Then a friend from there approached him and said, "They are high profiled people. They don't pay attention to all these things. They feel like a waste of time. Let's see who else is there for our event".

Dhruv shook his head but his mind was not ready. He got out of there and started looking for Sanchit. After searching the entire college, Sanchit met him in the library. "Hello Sanchit. Dhruv here, You play a very good guitar. Bro, if you don't mind, will you perform at our annual get-together?". "No, I can't play well and I'm not interested in participating," Sanchit said and left. The story bothered Dhruv a bit. He was walking away wondering why he had said that.



Allagi

Transformation of Minds



At that moment, Some sound fell on his ears,"How Sanchit will participate. His parents will not allow him to participate". So this is the question. I will not let such a good skill be wasted, Dhruv decided that he has to give it a try.The day of the annual gathering came. All preparations were well done. Sanchit and his parents were also present.

Just then, a boy called from behind. "Sanchit, Could you please come this side? Need to talk, a little bit about study". Sanchit got up and went there and said, "Yes, tell me what happened." Just as he was about to say something, a voice came to him, "Oh, the guitarist didn't come. What to do now? He's got some emergency, but what can we do now. It's a question of college reputation." "The program has started there, now the singing will start and we don't have a guitar player." Sanchit heard all this. "Whatever happens now is up to God. Our reputation is in his hands now ", another one said.

After a while the singing started and the sound of the guitar came. Sanchit was playing the guitar in front. It was as the ground had slipped under everyone's feet. Sanchit performed very well in the function. The whole event went smoothly. Sanchit was finally Awarded as the performer of the day. He was called to the stage and a different gleam appeared in his eyes.

He looked back and saw that one person was happier than him and he was Dhruv !! Of course, all this was his plan. Sanchit's parents were very happy, they realized their mistake, maybe their attitude towards Sanchit had changed and this is what was actually needed for Sanchit's bright life. One thing that cannot be ignored is that a good person like Dhruv came into Sanchit's life. Meeting such a friend is the first step towards a prosperous life. In this way Sanchit's mentality about both people and life changed and he started the right path in life. It is true that sometimes even a small change can bring about a big change.

The transformation of mind sometime will become necessity

Whatever happens is for the better, even if it is by accidentally

**- Mansi Malap
(T.E INFT)**

Lorem Ipsum



Allagi

Transformation of Minds



Pandemic affected my sleep

What I released from last year is that the pandemic not only affected routines when I was awake But also affected my sleep, the spiral goes on, and I became more clumsy, potato as days passed. As the days were passing, it was causing more consequences. So I started searching on the internet about related consequences of low energy, low creative which I was feeling but got more than 5 bad consequences of not having proper sleep like weight gain, fatigue, food cravings, mood swings, Angry temper

Lot more issues like a weak immune system which not only avoid any virus to enter our body but also heal faster if we are affected by any.

An experiment conducted by Matt walker where they took two groups sleep group & sleep-deprived group which were under full supervision. The next day they took an MRI scan of both the group result showed that the group of people with less sleep, have a 40% drop in making new memories causing hurdles for the brain to learn.

All-time Successful people sleep, 7-8 hours, Bill Gates, Jeff Bezos, Jack Ma, LeBron James the fact that they support productivity than working more hours unproductively.

Studies show that if you sleep thinking about a problem, you will have better ideas or a higher chance that the problem will get solved.

So with that said I got the reason why should I sleep more and see not skip it.

Thank you

Hirenkumar Vyas
(FE DIV-G)



Allagi

Transformation of Minds



Tabdili - The Transformation

The word "Tabdili" is an Urdu word which basically means Change or Transformation or Evolution. Transformation is not restricted to a particular state or condition. Transformation is one of the most crucial aspect of our life. But as we all know every coin has two sides, similarly transformation is also of two types. The first one is obviously the positive one or you can say the constructive one while the another one is the destructive or the negative one. It's upon us how we need to evolve. I used the word "need" and not "want" in previous sentence because everything we want is not what we need. To need something is far more better and different. Transform yourself in such a way that will lead you to the right path and henceforth will give you inner peace and satisfaction. Some of you might think that how are we going to know either we're on the right path or not, the answer is simple. Right things always gives you inner peace while the wrong ones doesn't. Understand the difference. Don't bother to transform yourself for better, just do it. No one is perfect in this world but the happiest people are those who keeps on trying and transforming themselves in a really good and constructive manner. Even the night transforms into day and the day changes to night. A kid changes into a youngster and then an old man. Evolution is required everywhere. And yes if someone is evolving for better please don't keep on taunting them. You don't know what have they gone through. Similarly, if someone is telling you that you've been changed, don't bother, its you who has faced everything, carrying and lifting all those heavy loads and not them. But as I said before change yourself for the sake of betterment, for you and entire living organisms. Again, I said "living organisms" and not "mankind", hope you know what I meant to say. Lastly, I'll just say follow the A1E2 rule - "Accept, Embrace, Evolve". Accept your flaws, Embrace the failure and Evolve accordingly for the betterment.

- **Anonymous**
(SE IT)

हिंदी विभाग



संपादकीय



नमस्कार,

हिंदी!! ये शब्द सूनते ही आपके मन में सबसे प्रथम विचार किस बात का आता है ??? अगर अप मुझसे पुछोगें तो, मैं कहूँगी हमारा भारत देश। हमारा देश भले ही विभिन्नता से भरा हो पर एक हिंदी भाषा है जो हम सबको एक करती है। बिना किसी भेदभाव के हमे एक दुसरे को अपणाने मे मदत करती हैं। यह केवल भारत मे ही नहीं पुरे विश्व प्रसिद्ध है। इस भाषा को विश्व स्तर पर तिसरा स्थान प्राप्त हुआ है।

हिंदी सीमा तोड़कर, चली विश्व के द्वार।
वैज्ञानिक आधार पर, प्रसिद्धि मिली अपार।।

हिंदी साहित्य को अनेक महान लेखक/लेखिका समर्पित हुऐ है जैसे - कालिदास, टॅगोर, कबीर, तुलसीदास, इत्यादी। पर हिंदी साहित्य आकाश की तरह है, जिसकी कोई सिमा नहीं । अभी काफी लेखक/लेखिका समर्पित होने बाकी है, क्या पता वह लोग हमारे विद्यावर्धिनी में हमारे साथ पढते हो। इसी प्रतिभा को बाहर निकालने के लिए हर साल Vista नामक वार्षिक पत्रिका का प्रकाशित किया जाता है। इस आयोजन के लिए मे हमारे महाविद्यालय के प्राचार्य डॉ वॉनकुद्रे, प्राध्यापिका स्वाती वर्मा, लिटराती के सहकारी और सभी सहभागी छात्र/छात्रा का मैं आभार प्रकट करती हूँ ।

"परिवर्तन जीवन मे आवश्यक है।"

ये वाक्य हम बचपन से सुनते आ रहे है। लेकिन ये आवश्यक होने के साथ हमारे सुखी जीवन का मुल मंत्र भी है और यदी हमे सफलता हासिल करनी हो तो भी हमे सर्वप्रथम अपने आचार-विचार में परिवर्तन लाना पडता है। इसी बात को ध्यान मे रखते हुऐ इस साल हमारे महाविद्यालय के वार्षिक पत्रिका का शीर्षक है , Allagi – Transformation of minds मैं आशा करती हूँ, हिंदी विभाग को पढकर आपको अभिलाषा, स्फुर्ती और आनंद की प्राप्ती होगी।

धन्यवाद!!!

वनश्री गायकवाड
TE IT

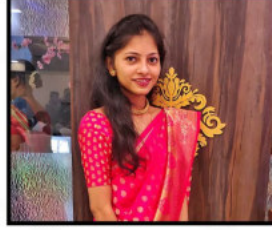


Allagi

Transformation of Minds



कहानी अनसुनी



सपने तोह बहोत सजाये थे उसने ,
सुखी संसार के अपने ।
पिया का साथ, सात जन्म तक
देने का वादा जो किया था उसने,
पर शायद, था वो इकतरफ़ ।
भोली थी वो, मासूम थी वो,
नही समझ पायी वो, पिया के इरादे
भूल कर बैठी, दिया दर्जा ईश्वर का उसे ।
अपने बाबुल को छोड़कर,
गई थी वो पराये गांव मे,
धीरे-धीरे अपनाया उसने सबको ।
कुछी सालों बाद घर मैं आई ,
उनके एक नन्ही से परी,
थी वो उसकी लाडली,
पर कुछ ही दिनों मैं होगई,
वो ईश्वर को प्यारी ।
यही जो पहली ठोकर थी ,
जो जिन्दगीने दी थी उसे ,
खोया उसने अपने जिगर का टुकड़ा,
चलता रहा यह ठोकरों का सिलसिला,
पूरे जीवन भर उसके ।
एक ठोकर से बस बाहर आही रही थी,
लेकिन जिंदगी ने फिरसे आतंक से दस्तक लगाई ।
कुछ दिनों बाद चीठी आई शहर से ,
जिसको उसने ईश्वर का दर्जा दिया,
वही निकला धोकेबाज, फरेब ।
पहले पत्नी होते हुए करली ,
उसने दूसरी शादी,
यह खबर सुनकर तूट गई वो फूरी ।
अब बस बन चुकी थी जिंदा लाश,
उपर से ये लोगो के ताने, उनके सवाल ।
अगर मायके गई तोह लोग क्या कहेंगे का डर,
फिर ना चाहते हुए रहना पड़ा,
उसे उसी के घर आश्रयित की तरह ।
भूल चुकी थी वो खुदका असतित्व ,
हर तरफ अंधेरा सा छा गया था ,उसके जीवन में,
फिर एक दिन एक गलत कदम उठाया उसने,
एक भूल को मिटाने के लिए ,
फिरसे दूसरी भूल कर बैठी ,
खत्म कर दिया उसने अपना जीवन,
शायद उसे लगा होगा अब सारे कष्ट मिट जायेंगे ।

लेकिन दीगयी वो मुझहे हजारो सवाल,
जिनके जवाब ढूंढ रही हु मैं आजतक ।
कभी कभी शंका आती है ,
क्या वाखयी वो खुदखुशी थी,
या कुछ और ... ।
घिन आने लगी मुझे इंसानो से,
दू दू भागने लगी मैं ,
तब से आजतक उनके नापाक इरादों से ।
उसके गुजर जाने के बाद,
पुलिस आई जांच बिठी,
खून तो मेरा तब खूना,
जब अपने स्वार्थ के लिए,
दिया उसे करार पागल सिरफिरी का ।
बस अब एक ही सवाल है
यह फुरुषप्रधान समाज से,
ये अन्याय नहीं तोह क्या है,
खोया मैंने उसे हमेशा के लिए,
ये समाज तू कातिल है उसका ।
क्या उसकी यही गलती है ,
की थी वो एक अबला नारी ।
जाने के बाद खूब लड़ी मैं ईश्वर से,
फुछे उसे सवाल हजार,
इंसान के जन्म मैं,
यह जानवर कबसे जन्म लेने लगे ,
तेरे यह आशियाने मैं ।
रो रो के करदिया ,
मैंने अपना बे हाल,
सुबह से तुपहर,
ओर दोपहर से शाम बीत गई,
ओर शाम के साथ वो सब राते,
यही सोचते ,आखिर क्या था उसका कसूर ।
उसी दिन ज़ेहन मैं दर्द लेके ,
नजर गई आसमान मैं,
दिखा मुझे एक तेजस्वी तारा
दिया मैंने उसे ,उसकाही नाम प्यारा ।
आज भी ग्यारह साल बाद ,
याद आती है तू मुझे ।
हर दिन देखती हूँ वो चांद को,
पूछती हु मैं उसे तेरा हाल ,
आलोचना करती हूँ उसे ,हर दिन,
ख्याल रखे वो तुम्हारा ।



हिंदी माथे की बिंदी

अब तुम्हारीही आखरी यादो मैं से ,
कुछ किस्से चुराके जतन ,
कर रही हूँ मैं, वो अपने लिखाई मैं..... ।
लिखना तोह बहोत चाहती हु,
पर क्या लिखू अब ,शब्द नई है मेरे पास ,
जो तूने सहेन किया, नई चाहती,
कोई ओर भी गुजरे वहीं हालातो से.... ।
बस अब ओर नहीं.....
नहीं रख सकती तेरी ये कहानी ,
चार दीवारों के ही सीमित ।
कभी कभी मुझे भी
डर सा लगता है, इस भीड़ भाड़ में,
कहीं मैं भी खोना दु खुदको,
इसी भीड़ का हिस्सा होके ।
लेकिन तब बाते याद आती है तुम्हारी,
सवरने की बहोत कोशिश करती हूँ,
कभी असफल तो कभी कामयाब होती हूँ मैं ,
ओर कभी इतना दूर भागती हूँ,
की वहासे वापस आना मुश्किल हो जाता है,
हर बार लोग, चीजे उनकी बातें अलग ,
मगर अहसास वही का वही ।
लेकिन बस अब ओर नहीं,
हर बार जब फस जाती हूँ मैं ,
कोई पिंजरे मैं तब दोहराती हूँ,
वही तेरी कुछ बाते ,जो..
आज भी संभाल के रखी है मैंने
अपने यादो के चमन मैं..... ।

"चाहे वो कहने लगे तु छबि है मेरी
पर ना, जी तू जीवन मेरे जैसा ।
बना ले अपने रूहं को तु खुदा,
फैला तेरे जीवन की अदा ।
सुन ने ओर समजने की ,
कोशिश करले यह जहाँ को
मगर कर ले वही जो हो सही
ना आना कीसी के बहखावो मैं
फर्जी है ये जमाना ,फर्जी है ये लोग
ओर फर्जी है ये आशियाना..... "

समर्पित हैं वही खास व्यक्ती को
मेरी प्यारी आत्या (आक्का)...

भक्ती रायगवळी
(TE-EXTC)



सचमुच सबको प्रिय है हिंदी
सबके माथे की यह बिंदी
बिन हिंदी के नौ रसो का नहीं बने शृंगार
पूरब, पश्चिम ,उत्तर, दक्षिण
इसका है विस्तार
आज नहीं कल देना होगा
हिंदी को अधिकार
सबसे ज्यादा लोग बोलते
सबसे ज्यादा लोग समझते
इसमें भाव भरा है यारों
इसकी जय जयकार
हिंदी की महिमा है भैया
सबसे अपरम्पार
बिन हिंदी के काम चले ना
नहीं चले व्यापार
दुनिया की भाषाओं का
हिंदी है भंडार
सबसे ज्यादा फिल्मो पर है
हिंदी का उपकार
बिन हिंदी के नेता भी
एकदम है लाचार
हिंदी की महिमा है भैया
सबसे अपरम्पार

समृद्धि दुबे
(SE-EXTC)



Allagi

Transformation of Minds



अच्छा लगता है !

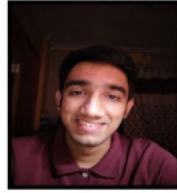


अच्छा लगता है !

अच्छा लगता है जब कोई पराया वक्त के साथ अपना बन जाता है।
अच्छा लगता है जब कोई हमें हमसे ज्यादा समझ लेता है।
कुछ इसी तरह मुझे भी कुछ कुछ होता है जब तु मेरे पास आती है।
लगता है जैसे बरसों से रहा अधुना सपना सच हो रहा है।
अच्छा लगता है जब तु मुझे चुप चुपके देखती है।
और देखते ही प्यारी सी हंसी दे जाती है।
अच्छा लगता है तुम्हारे साथ वक्त बिताना।
पुनः दिन तुम्हारे साथ रहेगा और तुम्हारे ख्यालों में रात भर जागना।
अच्छा लगता है तुम्हारे वह हाथ पकड़कर चलना।
ऐसा लगता है इस जहाँ में कोई तो है अपना।
भगवान से अब यही गुजारिश है कि पूरी जिंदगी तुम्हारी साथ चाहिए।
यह प्यार है या ओर कुछ पता नहीं , मुझे बस तू चाहिए।
बस तू चाहिए...

रोहन पाटील
(SE INSTRU)

आदर्श



हम महान व्यक्तियों के कर्मों का इतना गुणगान करते हैं ,
परंतु क्या हम उनके कर्मों से कुछ सीखते हैं ?

कुछ व्यक्तियों को तो हम भगवान बना देते हैं ,
परंतु क्या हम उनके चरित्र कुछ सीखते हैं ?

व्यक्ति तो महान तब बनता है जब वह अपने कर्म को समाज के उपयुक्त बनाता है ,
परंतु क्या हम इतनी सी बात को समझते हैं ?

वह तो अपने कर्मों से अपने भविष्य की पीढ़ियों के लिए आदर्श बन गए ,
परंतु क्या ' हम ' अपनी भविष्य की पीढ़ियों के लिए कोई आदर्श रच रहे हैं ?

खत्म कर दिया उसने अपना जीवन,
शायद उसे लगा होगा अब सारे कष्ट मिट जायेंगे ।

आदित्य ज्ञानेश्वर पाटने



Allagi

Transformation of Minds



बदलाव की मांग

सामने ये समशान है,
और पिछे माँ की कोख दिख रही...
जो कुछ करना है बदलने को,
यही करना है, और कहीं नहीं...

बदलना क्या है दुनिया में,
बदलना तो अपनी सोच को है...
जो दुसरो में देखते हैं हर दम,
बदलना उस दोष को है...

कम्बख्त इंसान सुनता नहीं,
अपनी गलतियाँ कभी गिनता नहीं...
गिनता है आँसुओ को सिर्फ,
सुख को कभी बुनता नहीं...

आईना है बिच में,
हम एक तरफ है...
सुख एक तरफ है,
गम एक तरफ है...

तुम्हारे हिस्से में गम है तो क्या?
हसी थोड़ी सी कम है तो क्या?
हसी पाने के लिए तुम्हें आईना तोड़ना होगा...
मेहनत को, अपने पसीने के साथ तोलना होगा...

तब जाके तुम जीत पाओगे,
सुरेल सा एक गीत पाओगे...
उस गीत को तुम्हें पाना है,
आगे बढ़ते जाना है...

आगे बढ़ते जाओगे,
तो खुशियों का गुलजार होगा...
तुम्हें सफल कहने वाला
एक अलग सा ही संसार होगा...

मगर ये सफलता नहीं है,
ये याद रखना...
तुम्हारी सोच को हमेशा ही,
आबाद रखना...

सफलता तो दुनिया को बदलने में है...
नेकी की राह पे चलने में है...
नेकी की राह पे चलते रहो...
और सत्यमेव जयते कहो...
हा सत्यमेव जयते कहो...
बस सत्यमेव जयते कहो...

निशाद
(SE-EXTC)

कोरोना !



कोरोना काल
विश्व बेहाल
अस्पताल बदहाल
लाशों का खेल
सरकारें फेल
घर घर अस्पताल
डॉक्टर नर्स बेहाल
हो जाओ सावधान
करो योग ध्यान
घर को मन्दिर बनाओ
कोरोना को भगाओ
दो गज की दूरी
मास्क है जरूरी
बिना मतलब घूमोगे
परिवार ले डूबोगे
वैक्सीन लगवाओ
कोरोना भगाओ
नया सवेरा आयेगा
कोरोना मात खायेगा

समृद्धि दुबे
(SE-EXTC)



Allagi

Transformation of Minds



Live Life....

जिना है ऐसे खुलके,
आस्मान के बादलों में पक्षी हो जैसे ।
हसना है दिल खोलके ऐसे,
हास्यमन्त्र में खड़े हो तुम जैसे ।
ख्वाइश पूरी करनी है तुमको ऐसे,
राजाओं के ठाट हो जैसे ।
मेहसूस पल को करो तुम ऐसे,
पेहली धूप कि किरण पड़े पौधे पर जैसे ।
परेशान होकर भागो ना तुम ऐसे,
सोच माँ-बाप का हाथ हो जैसे ।
उमर-भर सोचो ना तुम ऐसे,
बीत जाएंगे सारे पल एक सपने जैसे । ।

ज्योति यादव
(TE-INFT)

मतलब

मतलब भी मतलब है ।
मतलब नाही तो भी मतलब है । ।
किसी का मतलब रूह है,
किसी का मतलब शरीर है ।
किसी का मतलब पैसा है ,
किसी का मतलब सुख है ।
मतलब मतलब में ही दुनिया का मतलब है,
मतलब नाही तो कुछ नाही ।
इस मतलब की दुनिया में,
ये मतलबी इंसान बेमतलब की बात कर रहा है,
मतलब को मतलब से जोड़ रहा है ।

विश्वजीत मिश्रा
(TE - MECH)

ज़िन्दगी का सफर

रुका हूँ थोड़ा सा,
पर शिकवा बिलकुल नहीं,
पता है मुझे की,
कल का दिन आसान नहीं....
बगैर सोचे-समझे चल पड़ा था मैं,
कहीं जाकर के बस गया था मैं...
बीच स्टॉप पर ही अब रुक गया हूँ...
लगा की अब कोई और राह चुनू ,
दिल को था वोह गवांरा नहीं..
साथ रहेकर भी वोह राह आजमाया नहीं,
कहा कि तू उस पर हि चल...
साथ रहूंगा मैं तेरे हर पल-पल...
सवेरा होते हि निकल पडूंगा मैं,
अब लक्ष्य से ना हटूंगा मैं ।

अकेला हूँ पर हार माना नहीं
खौफनाक मंज़िलों से कभी डरा नहीं...
हिम्मत से कभी रुब-रू ना हुआ था
अब हिम्मत को मेरे आजमाना नहीं
फासले अब है ना दूर ना दरमियाँ...
अब मुझे वोह हार गवारा नहीं,
मंज़िल तो मेरी अब कहिन और नहीं
जो थां पहले वोह ही सही...
मजल पे भले पैदल हि चलूंगा
अब मुकाम हासिल कर ही रूकूंगा...
बस मंज़िल है मेरे ही करीब,
नहीं करूंगा मैं, अब जाके इसे ओस ही...
कोशिश रहेगा हमेशा से ही मेरा
ज़िन्दगी के सफर में जीतू मैं हमेशा ।

ज्योति यादव
(TE - INFT)

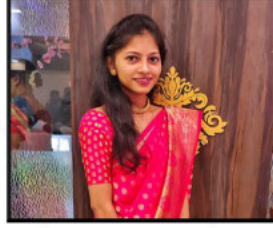


Allagi

Transformation of Minds



जमाना



एक जमाना था जब दिन हमारे साथ गुजर जाते थे और हम दिन के साथ ।
तब चांद और सितारे पराये लगते थे, क्यूंकी कुछ अपने साथ थे,ना कीसी के
जाने का गम ओर नाही, किसी के आने की चाहत थी ।

लेकिन अब पलक झपक ते ही मानो दुनिया ही बदल गयी हो, उन अपने
की जगह अब चांद सितारो ने ली, शायद तब हम इस दूनिया को समझ ही नही
पा रहे थे लेकिन अब दुनीया को ओर ये जिंदगी को भी समझ ने की कोशिष कर
रहे है ।

यहा मानो तोह सब अपने होते है,ओर मानो तोह कही ये अपने पराये होके
तक वक्त ही नही लगता,यह तुझे जितनी मुहब्बत करेगे ,उतनी ही ओर उस्से
कही गुना ओर नफ़रत,या कभी नफ़रत से भी कई गुना ओर बेशूमार मुहब्बत ।

तूमें बस उनके जज़्बात समज़ने होंगे,लेकिन उनके जज़्बात समज़ने से
पहले खुद्को समजना होगा,बाकी जिंदगी तुम्हारी , दुनीया तुम्हारी ओर उसे
देखेने का नज़रीया भी तुम्हारा ।

भक्ती रायगवळी
(TE-EXTC)

३ मराठी विभाग



संपादकीय



**मानसिकता ही प्रत्येकाची वेगळी असते
काळानुसार ती बदलत राहते
चूक, अचूक काही माहित नसते
शेवटी ती मानसिकता असते !!**

आपण हे मानलं किंवा नाही मानलं तरी प्रत्येक व्यक्तीचा वेगळा दृष्टीकोन, मानसिकता असते. काहींच्या बाबतीत तो अगदी बरोबर, अचूक असतो आणि योग्य त्या दिशेने असतो पण काही वेळेस ते चुकीचे असते आणि इतका मजबूत असते की त्या व्यतिरिक्त दुसरा कुठलाच विचार तो व्यक्ती करत नाही आणि मूळात तेच बरोबर. आपण कधी चुकू शकत नाही असा न्यूनगंड निर्माण होतो. अशा मानसिकतेमध्ये बदल होणे खूप गरजेचे असते. कालांतराने व्यक्ती त्या विचारात बदल घडवून आणतोच आणि काही वेळेस इतर कोणाच्या मदतीची गरज त्याला भासते. मानसिकतेमध्ये बदल करण्यासाठी नाही, तर त्याचे पूर्वरीत विचार बदलण्याची अत्यंत गरज आहे ही जाणीव होणे अपेक्षित असते. पाहायला गेले तर वेळेनुसार आणि परिस्थितीनुसार मानसिकता ही बदलत राहिलीच पाहिजे. काही घडलेले अनुभव अनुभवण्यासाठी विस्ता २०२१ घेऊन येत आहे असाच एक विषय :

Allagi- Transformation of Mind.

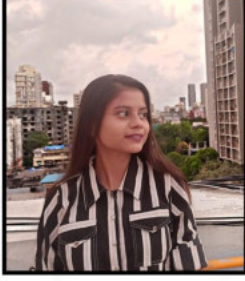
आयुष्यातील व्ययक्तिक अनुभवलेल्या घटना, इतरांच्या अनुभवातील काही क्षण, आठवणींच्या कथा, आपल्याला कविता आणि लेख या स्वरूपात वाचायला मिळणार आहेत. इतके सुंदर विषय सादर करण्याची संधी आम्हांला दिल्याबद्दल विद्यालयाचे प्राचार्य डॉ हरीश वानकुंद्रे आणि प्राध्यापिका स्वाती वर्मा यांच्या निरंतर समर्थन आणि मार्गदर्शनासाठी संपूर्ण लिटराटी क्लबच्या वतीने मनःपूर्वक आभार आणि शेवटचं म्हणजे संपूर्ण लिटराटी क्लबला पुढील वाटचालीसाठी खूप खूप शुभेच्छा !!
धन्यवाद!

**मानसी मालप
TE IT**

**विरेन बारोळे
TE MECH**



नातं



'नातं' किती गोड शब्द आहे ना हा ? पण तितकाच वाईटही. नाती ही अनेक प्रकारची असतात. जसे, झाडांच्या मुळांचं आपल्या मातीशी असतं, पाखरांचे ह्या पांढऱ्याशुभ्र आकाशाशी. निर्मळ मनाने बनवलेली नाती कधीच धोका देत नाही. म्हणून नात्यांमध्ये प्रेम निर्माण करा, नाती कधीच तुटणार नाहीत. नात्यांमध्ये आपुलकी निर्माण करा. ती आपलेपणाची भावना समोरच्या व्यक्तीला आपलेसे करते. नात्यापेक्षा स्वतःचा मीपणा मोठा असेल तर नाती बनवू नये. कारण हाच मीपणा नंतर नात्यात दुरावा निर्माण करतो. आणि मग शेवटी हळूहळू हा नात्याचा नाजूक धागा तुटण्यास सुरुवात होते.

जेव्हा तुमची जवळची व्यक्ती तुमच्यावर रागावायची बंद होते किंबहुना तुमच्या कुठल्याही कृतीचा परिणाम त्याच्यावर होत नाही तेव्हा समजून जा...तुम्ही त्यांच्या आयुष्यातली सर्वात महत्वाची जागा गमावली. आणि त्याच क्षणापासून त्या नात्याचा अंत होण्यास सुरुवात होते.

चूक तुझी असो वा माझी असो नातं तर आपलचं आहे...कधी चूक मान्य करावी लागेल तर कधी तडजोडही...नात्यातला हाच समजूतदारपणा नाती जोडण्यास मदत करतो.

मिठासारखं झालं आहे आयुष्य... लोक चवीनुसार वापर करून घेतात... कारण लोक तुमच्याशी तसेच वागतात जसं तुम्ही त्यांना तुमच्याशी वागू देता...त्या माणसांची काळजी करणं सोडा ज्यांना तुमची काळजी नाही. पण ह्याचा अर्थ असा नव्हे की, हा तुमचा स्वार्थीपणा आहे किंवा तुम्ही स्वतःचाच विचार करता आहात. कारण हे तुमचं आणि त्या व्यक्तीतलं नातं आहे हे तुम्हाला हे करण्यास भाग पाडत आहे.

भिंतीत भेग पडली तर भिंत पडते, नात्यात भेग पडली तर भिंत उभी राहते.... कारण तिचं भेग त्या भिंतीचा अनुभव देऊन जाते. आयुष्यातील सर्वात कठीण क्षण तो असतो जेव्हा आपलचं माणूस आपलं मन दुखावून विचारते "काय झालं ?" आणि तुम्हालाही हसत हसत सांगावे लागते की "काही नाही डोळ्यात काहीतरी गेले आहे".

"विश्वास" ह्या शब्दाचं नातचं "नातं" ह्या शब्दाशी जोडले गेले आहे. विश्वास हा sticker सारखा असतो. दुसऱ्यांदा पहिल्यासारखा बसत नाही. कारण एकदा नात्यातला विश्वास संपला की, ते नातं जास्त काळ टिकत नाही. आणि तोच विश्वास पुन्हा निर्माण करण्याचा प्रयत्न जरी केला तरी तो पुन्हा पहिल्यासारखा निर्माण होऊ शकत नाही.

शेवटी मी एवढचं म्हणेन , दुरावा कोणतंही नात संपवत नाही आणि जवळीक कोणतंही नातं घट्ट करत नाही. तर नात्यांची घेतलेली काळजी आणि केलेला सन्मान यामुळे नात अधिक मजबूत होत आणि टिकतेही.

ईशा कुळे
(SE-IT)



Allagi

Transformation of Minds



प्रवास माझ्या स्वप्रांचा...



आपल्या जगण्याला खऱ्या अर्थाने यशस्वी आयुष्य बनवतात ती म्हणजे 'आपली स्वप्ने'. लहानपणापासूनच प्रत्येकाला आयुष्यात खूप मोठे व्हायचं असते आणि हे मोठे होणे म्हणजे नक्की काय याचा शोध घेण्याच्या दिशेने चाललेला आपला प्रवास म्हणजेच 'आपल्या स्वप्रांचा प्रवास'. पण आयुष्य सुद्धा काय गंमत आहे बघा ना ! आपण आपलं ध्येय समोर ठेवून आपला प्रवास तर चालू करतो खरा पण त्या प्रवासात येणारी असंख्य वळणे कधी आपल्याला आपल्या ध्येयापासून दूर करतात हेच आपल्या लक्षात येत नाही. कळत नकळत आपल्याच माणसांनी आपल्याकडून ठेवलेल्या अपेक्षा पूर्ण करण्यात आपण स्वतःला एवढं झोकून देतो, त्यात एवढे गुंतून जातो की आपल्या इच्छा आणि स्वप्रांचा आपल्यालाच विसर पडतो. आपल्यावर असलेली जबाबदारी आणि लोकांच्या आपल्याकडून असलेल्या अपेक्षांचं ओझ असे काही आपल्या मार्गात ठाण मांडून बसतात की आपलं पूर्ण आयुष्य त्यांचीच पूर्तता करण्यात गुंतून जाते आणि मार्ग पडतो तो आपल्या स्वप्रांचा प्रवास. जबाबदारी आणि अपेक्षा पूर्ण करण्याच्या गर्दीत आपली स्वप्ने मात्र हरवून जातात. आपले निर्णय आपण स्वतः घेण्यावर बंधने आणली जातात. भारतीय संविधानाने जरी आपल्याला स्वतःचे निर्णय स्वतः घेण्याचा हक्क दिला असला, तरी आपला समाज, ही लोक आपला हा हक्क कधी मान्य करतील हेच मोठे अवघड कोडे आहे! आपलं हे सुंदर आयुष्य आपल्या मनाप्रमाणे जगता न येण्याचं सर्वात मोठे कारण म्हणजेच 'लोक काय म्हणतील ?' ही आपल्या मनाची भीती, जी सतत आपल्या काळजावर घाव करत असते. अशाच काही समस्यांनी जखडून गेलेलं माझं हे आयुष्य आणि माझी स्वप्ने. पण अनपेक्षितपणे अचानक आयुष्यात आलेले एक वळण, लखलखत्या प्रकाशाने उत्साहाच वातावरण घेऊन आलेलं हे आशेचं किरण माझ्या स्वप्रांचा उंचभरारी घेण्याचं आव्हाहन देतंय. माझी दडपून राहिलेली स्वप्ने मला सतत इशारा करू

लागली आहेत कि हिच ती सुवर्णसंधी जिची तू आतुरतेने वाट पाहत होतीस. आता अजिबात विचार करू नकोस, घे झेप आणि दे तुझ्या स्वप्रांचा नवीन दिशा... अपयशाची चिंता करू नकोस फक्त ध्येयावर लक्ष केंद्रित कर आणि तुझ्या स्वप्रांचा हा प्रवास यशाच्या शिखरापर्यंत घेऊन चल. तुझ्या या अखंड प्रवासात प्रत्येक वळणावर कायम एक गोष्ट लक्षात ठेव की, " विझले जरी आज मी, हा माझा अंत नाही! पेटेन पुन्हा नव्याने, हे सामर्थ्य नाशिवंत नाही!!" ही स्फूर्ती, जिद्द आणि चिकाटी सोबत घेऊन नव्याने प्रारंभ होतोय प्रवास माझ्या स्वप्रांचा !

श्रद्धा पाटील
(TE-EXTC)



Allagi

Transformation of Minds



घराला घरपण कसे येते !!



फक्त चार भिंती नाही तर
चार वेगवेगळ्या गुंज कानी पडतात,
जिथे प्रेम आणि काळजी या
तराजूच्या दोन बाजू असतात..
तिथे माझ्या घराचे घरपण दिसून येते !!

जेव्हा हवी असलेली गोष्ट
न मागता पुरवली जाते,
जेव्हा अश्रू येण्याआधीच
कारण मिटवले जाते..
तिथे माझ्या घराचे घरपण दिसून येते !!

जिथे लहान मोठे सर्वच एकत्र नांदतात
सुखासह दुःख ही वाटले जाते,
लहानांना भरपूर प्रेम अन्
मोठ्यांना आदरपूर्ण वागणूक दिली जाते..
तिथे माझ्या घराचे घरपण दिसून येते !!

जेव्हा मत निरनिराळी असूनही
एकच निर्णय हसत हसत स्वीकारला जातो,
जिथे भूत भविष्य नाही तर
फक्त वर्तमान मानला जातो..
तिथे माझ्या घराचे घरपण दिसून येते !!

हास्यकल्लोळ असतो जिथे
मनाचे दार ही उघडे होते,
छोट्या छोट्या प्रयत्नांतून
मोठी कमी पूर्ण केली जाते..
तिथे माझ्या घराचे घरपण दिसून येते !!

जिथे भीती ऐवजी
आदरापोटी मान झुकते,
जिथे संवाद नाही तर
बोलणं होते..
तिथे माझ्या घराचे घरपण दिसून येते !!

घरामुळे माणसं नाही तर माणसांमुळे घर बनते
हे जेव्हा ध्यानी रुजते,
फक्त व्याख्या म्हणून नाही तर
अनुभव म्हणून मानले जाते..
तिथे माझ्या घराचे घरपण दिसून येते
अन् तेव्हा घराला माझ्या घरपण येते !!

मानसी मालप
(TE -INFT)



Allagi

Transformation of Minds



पाऊस आणि प्रेम



झुळझुळता हा गार वार..
अलगद मन फुलवूनी गेला..
अचानक हृदयाची धडधड वाढवू..
प्रेमाचं बीज रोवू गेला..
सरसर सरिंना सुरुवात झाली..
रुसलेली झाडे नाचू लागली..
सारा क्षीण दुः झाला..
जेव्हा प्रेमाची हाक कानावर पडली..
ढगांचा गडगडट वादू लागला..
वीजांचा आवाज अनावर झाला..
भितीपोटी तुझी ती घट्ट मिठी..
रोम रोम अंगावर काय आला..
सप्तसंग नभी नाचू लागले..
थवे पक्षांचे उडू लागले..
क्षण आनंदाचे हे तुझे माझे..
असेच प्रेमाने फुलत रहावे.

रोहन पाटील
(SE - INSTRU)

ताई



ममतेची माऊली आईची तु सावली
नेहमी हसणारी हसवणारी आहेस गं तु ताई
कधी संरक्षणाची ढाल मायेची गं तुझ्या शाल
ममतेच दुसर नाव ताई खुप प्रेम करणारी जणूआई
दुःखाच्या वाटेवरील हिम्मतीचा हात
कधी न सुटणारा ताई तुझाच गं साथ
कधी कान धरणारी तर कधी लाडाने जवळ घेणारी
कधी रागवणारी तर कधी मस्ती करणारी
कुठल्याच नात्याला नसेल तेवढी गोडी ह्या नात्यात आहे
म्हणून तर हे नाते साऱ्याहूनही बेस्ट आहे..

राजस्वी विजय राऊत.
(BE - EXTC)

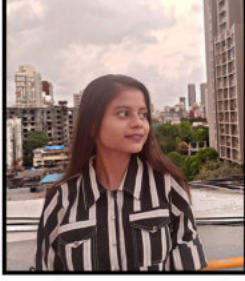


Allagi

Transformation of Minds



स्वप्न



स्वप्नांची दुनिया काय छान असेल ना ? कल्पनेनेच चेहऱ्यावर हसू उमलते. सर्वांच्या मते स्वप्ने ती असतात जी झोपल्यावर पडतात पण माझ्या मते स्वप्ने ती नव्हेत जी झोपल्यावर पडतात, स्वप्ने ती जी तुम्हाला झोपूच देत नाही. आपले स्वप्न पूर्ण करण्यासाठी जो सतत झटत असतो तो खरा सितारा. जो स्वतःचे स्वप्न पूर्ण झाल्यावर सतत ताऱ्यासारखा चमकत राहतो, तसेच इतरांच्या आयुष्यात उजेड देऊन जातो.

कालचा दिवस मला खूप काही शिकवून गेला हे खरं ; पण मी आज जे करेन त्यावर माझा उद्या आकाराला येईल, हे मला समजल आहे. कारण मला माहिती आहे की, कष्ट ही अशी प्रेरक शक्ती आहे, जी माणसाची क्षमता तपासते आणि त्याला विकासाच्या मार्गावर नेते. सर्व स्वप्ने प्रत्यक्षात उतरतील जर आपण त्यांचा हिमतीने पाठपुरावा केला तर.

जर तुम्ही पाहिलेले स्वप्न पूर्ण नसेल होत तर तुमच्या कामाची पद्धत बदला , तुमचे तत्त्व नाही. कारण झाड नेहमी आपली पाने बदलतात मुळ नाही. अनेक माणसे त्यांच्या बोलण्या वागण्यातून किंवा कृतीतून तुमच्या मार्गात मुद्दाम अडथळा निर्माण करण्याचा प्रयत्नही करतील पण प्रत्येक माणसाची गोष्ट मनावर घेऊ नका. कारण माणसे तुम्हाला काय बोलतात त्यावरून त्यांची पात्रता कळते , तुमची नाही.

स्वप्ने नेहमी अशी बघावित की ज्यामुळे तुमच्या पंखांना बळ येईल. काहीजण आपली स्वप्ने पूर्ण झाली नाहीत म्हणून आत्महत्या हा मार्ग स्वीकारतात. परंतु स्वप्न पूर्ण होत नाही म्हणून आत्महत्या जा त्यावरचा उपाय नाही ना ? जर आपल्याला यशाच्या शिखरावर चढायचे असेल तर फक्त आणि फक्त जिद्द आणि चिकाटी हाच एकमात्र उपाय आहे.

देवावर विश्वास असेल तर देव जे देईल त्यातच समाधान मानावे लागेल. पण स्वतःवर विश्वास असेल तर देवाला सुद्धा तुम्हाला हवे ते देणे भाग पडेल. म्हणून प्रयत्न करीत रहा यश आपोआप तुमच्या मागे येईल.

मनात नेहमी जिंकण्याची आशा असावी , कुणालाही हरवण्याची नव्हे. ह्या स्वप्नांच्या फसव्या जगात स्वप्नांची स्पर्धा तर खऱ्या स्पर्धेच्या कितीतरी अगोदर चालू झालेली असते. फक्त स्पर्धात्मक वृत्ती बाळगणारा त्या स्पर्धेच्या शेवटी असतो. कारण तो स्वतःला उत्तम बनवण्याच्या दृष्टीने नव्हे तर इतरांना हरवण्याच्या दृष्टीने त्या स्पर्धेत भाग घेतो.

आता फक्त एकच गोष्ट सांगेन,

स्वप्न थांबली की आयुष्य संपते ,
विश्वास उडाला की आशा संपते,
काळजी घेणे सोडले की प्रेम संपते,
म्हणून स्वप्न पाहा विश्वास ठेवा
आणि काळजी घ्या.
आयुष्य खूप सुंदर आहे.

ईशा कुळे
(SE-IT)



Allagi

Transformation of Minds



खरा आनंद कुठे असतो ??



कधी फुलणाऱ्या कळीला पाहिलात का ?
त्यांच्या फुलण्यात तिचा आनंद फुलत असतो..
कधी वाहणाऱ्या नदीला पाहिलात का ?
खळखळत वाहण्यात तिचा आनंद वाहत असतो..
कधी पक्षांना उडताना पाहिलात का ?
उंच भरारी घेण्यात त्यांचा आनंद दिसत असतो..
कधी फुलपाखरांचे स्वरूप पाहिलात का ?
त्यांच्या त्या रंगबेरंगी वर्णानात त्यांचा आनंद मावत असतो..
कधी बागडणाऱ्या लहान मुलांना पाहिलात का ?
त्यांच्या त्या खेळण्यात , बागडण्यात त्यांचा आनंद दडलेला असतो..
कधी हसणाऱ्या आजी-आजोबांना पाहिलात का ?
त्यांच्या त्या हसण्यात त्यांचा आनंद हसत असतो..
मात्र आपले काय ? आपला खरा आनंद कुठे असतो ?
मनाला हवंय तसं झालं की आपल्याला आनंद मिळतो..
पण माणसाच्या अपेक्षा या कधी पूर्ण होतात का ?
मग आपण आनंदीत तरी कधी असतो ?

मानसी मालप
(TE - II)

आयुष्य



आयुष्यात मज भेटली असंख्य नाती
गोड, आंबट, तिखट, तुरट भासणाऱ्या चवीसारखी
काहींनी साथ दिली आयुष्याभरसाठी तर,
काहींनी साथ सोडली अर्ध्यावाटेवरती
प्रत्येक नात्याने एक वेगळा अनुभव दिला
आयुष्याची रीत अशीच आहे
कधी प्रेमाने तर कधी दुःखाने जीवन जगणे हेच खरे आहे.....

राजस्वी विजय राऊत
(BE - EXTC)



Allagi

Transformation of Minds



कुटुंब



कुटुंब म्हणजे नक्की काय असते हो ?चार भिंतीत एकत्र राहणारी माणसे म्हणजे कुटुंब का? तर नाही, जिथे घराला घरपण देणारी, एकमेकांवर जीव ओवाळून टाकणारी माणसे असतात ते कुटुंब. जिथे नातीला लागलं की आजीच्या डोळ्यातून पाणी येते ते कुटुंब. मुलांवर चांगले संस्कार करून त्यांचे उज्वल भविष्य घडवण्याचा प्रयत्न करणारी माणसे म्हणजे कुटुंब.

माझी आजी पूर्वीच्या गोष्टी सांगताना नेहमी म्हणते, पूर्वीच्या काळी लोकांकडे पैसा नव्हता पण जेवढं आहे त्यात लोकं सुखी होती, समाधानी होती. बारा-पंधरा लोकांच्या एकत्र कुटुंबात राहण्याची मज्जाच न्यारी होती. ती मज्जा विभक्त कुटुंब पद्धती मध्ये कुठे? जसजशी प्रगती होत गेली तसतशी माणसे शिक्षण, नोकरीधंद्यासाठी घरापासून दूर जाऊ लागली. तिथल्या अनुकूल वातावरणात रमत गेली. गावातून शिक्षणासाठी बाहेर पडलेली मंडळी शहरात राहू लागली. शहरातील सुखसोयी च्या हव्यासापोटी तिथेच स्थायिक झाली. यातूनच विभक्त कुटुंब पद्धत उदयास आली. असो!!!!

माणसे शहरात येऊन राहिली, प्रगती होत गेली, अनेक अडचणींवर मात करून हवा असलेला पल्ला अनेकांनी गाठला. पण या सुरळीत चाललेल्या जीवनात अचानक कोविड सारखी महामारी येईल असा कोणी स्वप्नात देखील विचार केला नसेल. जनजीवन विस्कळीत आलं, अनेकांच्या नोकऱ्या गेल्या, धंदे बुडाले आणि मग काय? अनेकांसमोर शहरातून पुन्हा गावाकडे वळण्या वाचून पर्यायच उरला नाही. त्याचबरोबर वर्क फ्रॉम होमला प्राधान्य मिळाले. नोकरीधंद्याच्या निमित्ताने रोज घरातून आठ-नऊ तास बाहेर पडत असलेली मंडळी आज घरात बसून काम करू लागली.

कोरोनाचे अनेक दुष्परिणाम आपण पाहिले अनेकांचे कौटुंबिक आर्थिक मानसिक नुकसान देखील झाले, पण अनेकांना पुन्हा घरात आपल्या कुटुंबाबरोबर एकत्र राहण्याची संधी मिळाली. आई कामाला जाताना तिचा पदर पकडून रडणारे बाळ - त्याला किती आनंद होत असेल रोज आपल्या आईला पूर्ण दिवस आपल्याजवळ पाहताना. म्हातारपणात मुलाची खरी गरज असलेले आजी आजोबा- त्यांनादेखील मुलांना डोळ्यासमोर पाहून किती समाधान मिळत असेल !! लॉकडाऊन झाल्यामुळे वस्तूंची कमतरता भासू लागली त्यामुळे जे आहे त्यातच भागवून घेण्याची सवय पुन्हा करावी लागली. कुटुंबातील व्यक्तींना समजून घेता येत आहे. अनेकांना त्यांना पुरेपूर वेळ देता येत आहे थोडक्यात काय तर पुन्हा एकदा आपल्या कुटुंबासाठी वेळ देण्याची संधी लोकांना मिळाली.

हे सर्व जेवढं खरं असलं तरी हे विसरून चालणार नाही की कोरोनाच्या काळात अनेकांची कुटुंब उध्वस्त झाली. अनेकांनी आपल्या जवळच्या माणसांना गमावले. आपण त्यांच्या दुःखात सामील होऊया आणि त्यांना ह्या सगळ्यातून बाहेर येण्याची शक्ती मिळो ही प्रार्थना करू या. Stay home stay safe!!!!

रिया राऊत
(SE-INST)



Allagi

Transformation of Minds



नवा मी: निसर्गप्रेमी

तसं तर मी एकटं राहणंच नेहमी उत्तम ठरवतो... कुणाचा त्रास नाही, कुणाला आपला त्रास नाही... माझ्या याच स्वभावामुळे कदाचित, माझे मोजकेच मित्र आहेत. मित्र मोजकेच असावेत, पण मोजण्याजोगे असावेत.

काल मी माझ्या याच मोजक्या मित्रांपैकी एकाला भेटायला गेलो... माझा निस्वार्थी मित्र, निसर्ग...

माझ्या घरापासून एक किलोमीटरवर, एका धरणाच्या पाठीमागे आमचं भेटणं ठरलं... पण तसा तर निसर्ग जगाच्या प्रत्येक कोपऱ्यात आहेच...

ऊन थोडं निसरलेलं, पण अद्याप संध्याकाळ झाली नव्हती... मी माझ्या सायकलीवर सवार झालो, आणि मोकळी हवा खात, धरणाच्या पाठच्या बाजूला पोहोचलो. निसर्ग तेथे आधीच येऊन माझी वाट पाहत होता... सायकल एका झाडाच्या सावलीत लावली, आणि मी चालत निघालो...

माती लाल आणि ओलसर होती. जसा जसा मी पुढे जात गेलो, माझ्या पायाचे ठसे माझा पाठलाग करू लागले. मंद हवेच्या सहाय्याने झाडे, पानांचं वाद्य वाजवत होते. नदीच्या खळखळ हास्याने माझं लक्ष वेधून घेतलं. पाण्यात पक्षी पोहत होता... नाही नाही... पक्षी हवेत उडत होता, पण त्याच प्रतिबिंब पाण्यात पोहत होतं. पुढे, सागाच्या झाडाच्या पलीकडे, एक वारूळ होतं. वारूळाच्या आजूबाजूला किडे आणि मुंग्यांची गर्दी झालेली. काय चर्चा चालू असेल कुणास ठाऊक...

झाडे झुडुपे ही खूप होती. त्यांतूनच मी एक काठी खेचली, आणि नदीच्या काठी बसलो...

स्वतःच नाव काठीने मातीत गिरवत होतो. नावात काय आहे? नावात आपलं पण आहे. असंच कधी कधी गिरवताना आपण कोणा परक्याचं नाव लिहित नाही... आपण स्वतःचं किंवा आपल्या जवळच्या माणसांचंच नाव लिहितो.

आपण कसं, झालेलं विसरून पुढे जातो... भूतकाळात न रमता भविष्याकडे पळतो, तसंच नदीचं पाणी सुद्धा हळू हळू पुढे जात होतं. पुढे दगडं होती, खाचखळगे होते, पण कितीही अडचण असली, तरीही पाणी निसरतंच... आयुष्य ही अश्या परीक्षा घेत असत... आपल्याला मार्ग काढून पुढे जायचं असतं.

पाणी एकाच गतीने वाहत होतं, त्याला पुढे जाण्याची घाई नव्हती... पक्ष्यांची किलबिल सुरुच होती. पक्ष्यांचा थवा एका वेगाने उडत होता... त्याचं वेगाने, ज्या वेगाने ते उडू शकतील... त्याचं वेगाने, जो वेग पुरेसा आहे... त्यांना ही कदाचित घर गाठण्याची घाई नसावी. घाई फक्त माणसालाच असते. लहान असताना मोठं होण्याची घाई... मोठं झाल्यावर काही तरी करून दाखवण्याची घाई... आणि वृद्ध झाल्यावर जग सोडण्याची घाई. घाई बरी नाही... जसं चाललंय, चालून द्यायचं... शांत जगायचं...

कधी कधी काही करण्यापेक्षा, फक्त असणं गरजेचं असतं. हवा काहीच करत नाही, पण हवेचं असणं गरजेचंच...

बाजूला पडलेला दगड मी उचलला, आणि नदीत फेकला... नदीचं पाणी माझ्या अंगावर उडालं...

आपण जसं वागतो, आपल्यासोबत ही तेच होणार हे निश्चित...

धा####ड... मागे काहीतरी पडण्याचा आवाज आला. मी ते बघण्यासाठी गेलो... झाडाची बऱ्यापैकी मोठी फांदी पडली होती... त्याचाच आवाज झाला असावा. लाकडी फांदीच्या टोकावर हिरवा कोम फुटलेला होता... मी त्या फांदीवर बसलो आणि डोळे मिटून घेतले. माझ्यावर विश्वास ठेवा, लाकडावर बसण्याचा आनंद कितीही महागड्या सोफ्यावर बसण्यातही नाही... कारण लाकडात जीव आहे, भावना आहेत, ज्या सोफ्यात नाही.

काहीतरी गार माझ्या खांद्यावर पडल्यासारखं जाणवलं... पाण्याचा थेंब होता... थोड्याच वेळात पाऊस सुरू झाला... मी झाडाचा सहारा घेत स्वतःला भिजण्यापासून वाचवण्याचा प्रयत्न केला. तुम्हाला कधी असं वाटलं का, की प्रत्येक वाईटामागे काहीतरी चांगलं दडलेलं असतं ?

जर ढग फुटले नसते, तर पाऊस कसा पडला असता? आणि पाऊस पडला नसता तर झाडे कशी आनंदी झाली असती?

खरंतर प्रत्येक गोष्टीला अर्थ असतो. माझ्या जगण्याला ही एक अर्थ आहे. माझ्याशिवाय, माझं कुटुंब अर्धवट आहे... माझ्या नसण्याने माझे मोजके मित्र थोडे कमी आनंदी असते... मी नसतो तर निसर्ग सुद्धा अर्धवट असता... माझं असणं महत्वाचं आहे, पण याचा मी आधी कधीच विचार नव्हता केला...



Allagi

Transformation of Minds



प्रेम

थोड्या वेळाने पाऊस थांबला, आणि मी परतीच्या वाटेवर निघालो...

तुमचा देवावर विश्वास आहे का? तुम्हाला काय वाटत, देव खरंच आहे?

माझ्यामते निसर्ग म्हणजेच देव. आजून वेगळं ते काय...

हवेचं नसून सुद्धा असणं, म्हणजे देवपण...
झाडांचं माया देणं, म्हणजे देवपण...
पाण्याचं अथक वाहणं देवपण,
आणि फुलांचं लाजणं ही देवपण...

आपण किती काय शिकतो निसर्गाकडून... आपलं जीवनही एक निसर्गाचाच भाग...

देव म्हणजेच निसर्ग, आणि या देवाला स्वच्छ ठेवणं, हीच पूजा...

निशाद
(SE-EXTC)



कस सांगु तूला माझ्यासाठी कोण आहेस तू
स्वप्नापरी सुंदर सत्य तू
सत्यातील विश्वास आहेस तू

माझ्या प्रत्येक विचारात येणारा पहिला विचार तू
मला जाणवणारा भास तू
नकळत गालावर येणाऱ्या हास्यात आहेस तू

पावसातील पहिली सर तू
हिरव्यागार गवतावरील दवबिंदु तू
माझ्या हृदयाचा ठोका आहेस तू

माझ्या कवितेतला शब्द तू
माझ्या जीवनातला अर्थ तू
माझा श्वास आहेस तू

कोणीही प्रेमात पडेल असा तू
गोड आशा हास्यातील गोडवा तू
कस सांगु तूला माझ्यासाठी कोण आहेस तू

थोडक्यात माझ
प्रेम आहेस तू

राजस्वी विजय राऊत
(BE-EXTC)



प्रतिबिंब



आज आरश्यात स्वतःला पाहत होते. आणि अचानक एक लहान मुलगी दिसू लागली. तिचं स्मित हास्य पाहून मन प्रसन्न झाले. तिला विचारलं कोण आहेस तू आणि इथे काय करत आहेस? त्यावर ती म्हणाली ओळखलं नाही का मला? तूच आहे मी फक्त काही वर्ष आधीची.

माझा गोंधळलेला चेहेरा पाहून ती म्हणाली अगं आठव बघ लहानपणीची तू. सालस, शांत, गप्प बसून राहणारी. ना कोणी मित्र ना कोणती मस्ती. आठवलं? ऐकून हसू आलं पण क्षणात जाणवलं की अरे हो...खरंच आपण आहोतम्हणजे असे होतो. वाढत्या बुद्धि आणि वयासोबत खूप काही बदललं. रंग,रूप, स्वभाव अगदी सगळं बदललं. विचारात रमलेल्या मला हाक मारून माझं वयाने लहान असलेलं प्रतिबिंब माझ्याशी गप्पा मारू लागलं. अगदी लहानपणीच्या आठवणी सुद्धा. अचानक तिने असा प्रश्न विचारला की काही क्षणांसाठी मी अगदी शांत झाले. तिने विचारलं....तू आज जी कोणी आहेस तिला पाहून तू स्वतः खुश आहेस का?

मला कळलेच नाही काय उत्तर द्यायचे. मग ती म्हणाली मला बघ मग स्वतःकडे बघ तुझ्यात झालेला हा बदल तुला आवडतोय का नको झालंय? त्यावर मी उत्तर दिलं माहीत नाही. हसून ती म्हणाली मला विचारशील तर मला तुझ्यातलं हे परिवर्तन फार आवडले बघ. कशी होतीस ग ना कोणाशी बोलयचीस स्वतःच्या दुनियेत रमायचीस , चार लोकांशी बोलताना तर घाबरायची तू आणि आज हीच मुलगी स्टेज वर जाऊन भाषण देते , सुंदर कविता रचते. मित्रांना आपलीशी वाटते, आई बाबांचा आधार बनते,मनमोकेपणाने गप्पा मारते. हो ना? हे सगळं ऐकून थोडं बरं वाटलं खरं पण का कोण जाणे "खुश" नव्हते. कदाचित बालपण आता उरलं नव्हतं , जबाबदारी अंगी पडली होती आणि ह्यावर ती म्हणाली

आपण रोज बदलतो ,रोज नवीन काही शिकतो म्हणतात ना "परिवर्तन ही संसार का नियम है". हा पण हे परिवर्तन आपल्यासाठी व आपण वावरणाऱ्या समाजासाठी फायदेशीर ठरेल हे मात्र लक्षात ठेवावं. हो आज तुझ्या जवळ तुझं निरागस बालपण नाही आहे पण तुझ्या आजू बाजूला तुझी भावंडं, काही छोटी मुलं आहेत ह्यात स्वतःचा बालपण शोध की. जुन्या आठवणीत रमण्यात काही चुकीचे तर नाही पण म्हणून ह्या गोष्टी आज तुझ्या सोबत नाही म्हणून निराश होणं हे मात्र चुकीचा आहे. आयुष्यातल्या प्रत्येक पायरीवर तुझ्या जबाबदाऱ्या बदलतील. आजूबाजूची माणसं बदलतील त्या प्रमाणे तुझ्यात सुद्धा थोडा फार बदल हा येणारच. फक्त इतका लक्षात ठेव तुझ्या मागच्या "version"ला तूझा अभिमान वाटावा आणि आयुष्याच्या शेवटच्या क्षणी आयुष्य जगल्याचं समाधान वाटेल इतकं काय ते बघ बाबा. बाकी तू लहानपणापासून समजूतदार तर आहेसच अगदी माझ्यासारखी आणि हसली. माझ्याही डोळ्यात अश्रू आले आणि चेहेऱ्यावर हसू आणि अचानक ती लहान मुलगी नाहीशी झाली आणि पुन्हा मीच दिसू लागले. स्वतःला जगण्याची नवीन उमेद देऊन गेलेली दुसरी कोणी नसून मीच होते ती आणि तिला माझा अभिमान आहे ह्यातच मला माझा सुख मिळालं.

स्वराली भरत पवार
(BE - EXTC)



Allagi

Transformation of Minds



बाबा तुमची खुप आठवण येते....



सर्वजन तुम्हाला खुप मिस करतोय आणि आम्हाला हे पण माहिती आहे तुम्ही आम्हाला खुप मिस करत असाल.....Love you so much baba

राजस्वी विजय राऊत
(BE - EXTC)

बाबा तुमची खुप आठवण येते....

रात्र लोटली दिवस उजाडला सर्व काही नेहमीप्रमाणे आनंदी होत. सकाळची दुपार झाली आणि मग ती काळी संध्याकाळ आली आणि बाबा तुम्हाला कायमच आमच्यापासून लांब घेऊन गेली.....हे जेव्हा समजले तेव्हा काय करावे काही सुचलेच नाही फक्त एवढेच समजत होते बाबा तुम्ही उठून म्हणावे अग वेडे थट्टा केली पण बाबा तुम्ही उठालेच नाही.....तुमच्या आधाराचा हात आम्हां पिल्लांच्या डोक्यावरून कायमचा काढून टाकलात. ज्या वयात काही कळत नव्हते त्या वयात तुम्ही सोडून गेलात. तुम्ही मोठी आव्हाने पेलायला शिकवले आहे पण, बाबा ती आव्हाने पेलण्याएवढे मोठे आम्ही नक्कीच नव्हते सांगा ना बाबा तुम्हाला अस आम्हाला अर्ध्यावरती सोडून जाण पटल का?

बाबा जगतोय हो आम्ही तुमच्याशिवाय पण तुम्ही असताना सर्व खुप वेगळ होत आणि आता सर्व खुप वेगळ आहे...हे खर आहे ना बाबा जो आवडतो सर्वांना तोच आवडतो देवाला म्हणून देवाने नेल ना आमच्यापासून लांब तुम्हाला मग बाबा आम्ही चांगले वागु की वाईट तुम्हीच सांगा ना?

तुम्ही बोलायचे मी गेल्यावर लोकांची खुप गर्दी जमेल ही गर्दी दाखवून देण्यासाठी गेलात का हो बाबा?

आता ह्या social media च्या काळात सर्व मित्र त्यांच्या फॅमिली सोबत फोटो काढून टाकत असतात आता तुम्हीच नाही आहेत तर बाबा तुमच्यासोबत आम्ही फोटो कसे काढू? फोटोमध्येच तुम्ही कायमचे जाऊन बसलात. बाबा फोटोमधून तुम्ही बघत असाल आम्हाला असा भाबडा समज आहे. तुमची आठवण आली नाही अस कधीच झाल नाही, आठवण्यासाठी विसराव लागत मात्र ते कधीच झाल नाही. अजूनही तुम्ही गेले आहात आमच्यातून हे मानायला आम्ही तयार नाहीत. शेवटी एवढेच सांगेल बाबा आम्ही

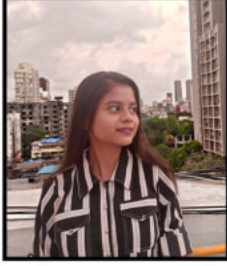


Allagi

Transformation of Minds



जगण्याची समृद्ध कला



कला ह्या शब्दाचा अर्थ तर आपणास माहितीच असेल. कला ही प्रत्येकाच्या अंगी असते. मग ती वाईट असो वा चांगली. जसे , व्यसनाची कला, दुसऱ्यांवर प्रेम करण्याची कला किंवा जगण्याची कला. तरुणपणाचा काळ हा तुमच्या जीवनातला सर्वात महत्त्वाचा काळ असतो. कारण पुढील आयुष्य सुखात जगणार की दुःखात हे तो काळच ठरवतो.

तो एक निवडुंग एकाकी जगण्याची कला शिकवतो. खडतर काटेरी जीवनात आशेचा फुलोरा फुलावतो. जगताना नेहमी दुसऱ्या व्यक्तीच्या सुखात आपले सुख आहे , हे मानून जगा. जेणेकरून दुसऱ्याचे आयुष्य देखील सुंदर बनेल. ज्याने आयुष्यात पावलो पावली दुःख भोगलय, तोच नेहमी इतरांना हसवू शकतो. कारण हसण्याची किंमत ही त्याच्या इतकी कोणालाच माहित नसते.

मानवाचे जीवन अत्यंत संघर्षमय आहे. मानवाने विज्ञानाची कास धरून आपले जीवन अधिकाधिक समृद्ध करण्याचा प्रयत्न जरी केला असला तरी ते तो पूर्णपणे संघर्षमुक्त करू शकलेला नाही. आणि कोणत्याही संघर्षाशिवाय जगणे हीच तर खरी जगण्याची कला आहे. विशिष्ट प्रकारे श्वास घेणे , विशिष्ट पद्धतींचे अवलंबन करणे म्हणजे जगण्याची कला नव्हे. तसे करणे म्हणजे अमर्याद संभावना असलेल्या मानवी जीवनाला अत्यंत संकुचित करून टाकणे होय. आणि ह्या संभावना तोपर्यंत उन्मलित होऊ शकत नाहीत, जोपर्यंत मानवाचे जीवन पूर्णपणे संघर्षमुक्त होत नाही.

आकाशात जेव्हा उपग्रह सोडतात तेव्हा गुरुत्वाकर्षणाच्या बाहेर पिटाळून लावेपर्यंत संघर्ष असतो, त्याने गती घेतली की, उरलेला प्रवास आपोआपच होतो. असच माणसाचं आहे . समाजात एक विशिष्ट उंची गाठेपर्यंत सगळा संघर्ष असतो. पण एकदा अपेक्षित उंचीवर पोहोचलात की आयुष्यातल्या अनेक समस्या ती उंचीच सोडवते.

आयुष्य म्हणजे पत्यांचा खेळ. चांगली पानं मिळणं आपल्या हातात नसत. पण मिळालेल्या पानांवर चांगला डाव खेळणं यावर यश अवलंबून असत.

ह्या जन्मावर ह्या जगण्यावर शतदा प्रेम करावे ह्या ओळी ज्यांनी रचल्या त्या कवी अरुण दातेंनी जगण्याचा खरा अर्थ किती सुंदररित्या मांडला आहे.

जगताना चंदनासारखे जगा, स्वतः झीजा आणि इतरांना गंध द्या. म्हणजे तोच गंध इतरांचे आयुष्य सुगंधी करेल. आणि आपल्यालाही जगण्याची समृद्ध कला शिकवून जाईल. आयुष्य जगायला पैसा जोडावा लागतो, पण आयुष्य सुंदर करायला चार माणसं जोडावी लागतात

शेवटी इतकचं म्हणेन, जीवनात एक क्षण रडवून जाईल तर दुसरा क्षण हसवून जाईल. या जीवनरुपी प्रवासात येणारा प्रत्येक क्षण जीवन जगण्याची कला शिकवून जाईल.....!!!

ईशा कुळे
(SE-IT)



Allagi

Transformation of Minds



लोक काय म्हणतील.....



लहानपणापासून खुप काही गोष्टी कारायच्या होत्या, आनंद घ्यायचा होता
त्या गोष्टीचा,पण

लोक काय म्हणतील.....

वाटत असत सकाळी खुप आरामात उठाव,आरामात आवराव,पण

लोक काय म्हणतील.....

वाटत असत सकाळी उठाल्यावर मोठ्याने गाणी ऐकावी, धिंगाणा
घालावा,पण

लोक काय म्हणतील.....

वाटत असत रस्त्याने चालताना कोणी भेटले,तर थोड थंबावे न बोलावे,पण

लोक काय म्हणतील.....

वाटत असत एखाद काम पूर्ण झाल तर, आनंदाने ओरडाव सेलीब्रेट
कराव,पण

लोक काय म्हणतील.....

वाटत असत मित्रमैत्रीणीं सोबत वेळ घालवावा, मोठ्यमोठ्याने
हसाव,मज्जामस्ति करावी,पण

लोक काय म्हणतील.....

वाटत असत कधीकधी थोड नटाव,थोड नीट राहाव,पण

लोक काय म्हणतील.....

वाटत असत तीही नाती जपावी, जी नाती रक्ताची नाहीत, मनाने जोडलेली
आहेत,पण

लोक काय म्हणतील.....

वाटत असत बसमध्ये बिंधास्त होऊन चढावे,मध्येच कधी तरी बेल
मारावी,पण

लोक काय म्हणतील.....

वाटत असत आपल्याला हव तस जगाव,हव तेव्हा हव ते
कराव,जीवनातल्या प्रत्येक गोष्टीचा आस्वाद घेत आयुष्य जगावे,पण

लोक काय म्हणतील.....

अहो पण हे लोक आहेत तरी कोण??

आणि हे लोक कधी थांबतिल का बोलायचे??

शेवटी काय तर हे आयुष्य लोक काय म्हणतील ह्याच विचार करण्यात
घालवायचे.....??

राजस्वी विजय राऊत
(BE - EXTC)



4

**REPORT
SECTION**

Faculty Qualification Upgradation



Dr. Sunayana Jadhav Assistant Professor in the Department of Electronics & Telecommunication Engineering pursued her Ph.D. from Veermata Jijabai Technological Institute, Mumbai in August 2020. Her research aimed at “Investigations in Distributed Detection Systems for Spatially Correlated Observations in Wireless Sensor Networks”. The research is aimed at mathematical model development for statistical as well as a real-time scenario in homogeneous and heterogeneous WSNs. This model aids in accurate hazardous event detection analysis to avoid damages in Human lives. She has published 10 papers in International and national conferences. To her credit, she has presented a paper at IEEE International conference TENCON 2016- Technologies for Smart Nation, Singapore in November 2016.



Allagi

Transformation of Minds



CIVIL ENGINEERING DEPARTMENT

Committed to the purpose of preserving and encouraging the status of Civil Engineering, the department of Civil Engineering has worked tough throughout the year to ensure that the students gain determined acquaintance in the field along with their overall improvement. I am pleased to present the Annual Report of the Department of Civil Engineering for the academic year 2020-2021.

Civil Engineering Department of has launched **Indian Green Building Council (IGBC)-Student Chapter** on 14/05/2021.

GUEST LECTURE/WORKSHOPS ARRANGED

Sr. No.	Date	Duration	Title	Expert
1.	06/12/2020	1- day	Scope of Repair Industry	Ms. Janhavi Vilas Raut
2.	24/04/2021	1- day	Building Engineers of Tomorrow	TIKITAR Danosa Pvt. Ltd
3.	05/05/2021	1- day	Sustainability- The Key to the future	Mr. Ronak Shetty
4.	08/05/2021	1- day	Application of Primavera software in Building Construction Projects	Mr. Amol Thorbole
5.	23/04/2021	1-day	Design Concepts of Bridge Engineering	Dr. Raksha Parolkar
6.	07/05/2021	1-day	Design of Slab Base & Roof Truss for Steel Structure	Mr. Nagargoje Shashikant M.
7.	06/05/2021 & 07/05/2021	2-day	Earthquake Engineering and Ground motion	Mr. Abhijit Patil
8.	15/05/2021	1-day	Practical Implementation of Pile Foundation	Dr. Jitesh Chavda
9	29/11/2020	1-day	Development of building plan with 3-D Walk through by using Google sketchup software	Er. Khushbu Parmar
10	06/12/2020	1-day	Application of Flexibility Method for analysis of Structure	Mr. Dada Patil
11	21/11/2020	1-day	Shear and Torsion Reinforcement for RCC Member	Mr. Dada Patil



Allagi

Transformation of Minds



STAFF ACHIEVEMENTS:

1. Mr. Viren B. Chandanshive presented a paper on “Prediction of Building Construction Cost using Classification and Regression Tree” in the International conference on “ Emerging Research and Innovations in Civil Engineering” organized by Department of civil engineering, Dr. S. & S. S. Ghandhy Government Engineering College, Surat.
2. Mrs. Puja Kadam has published a paper on “Design and Analysis of STP using Dynamic Modelling and Simulation Software (GPS-X)” in International Journal of Engineering Research and Applications
3. Mrs. Puja Kadam received Certificate of Participation for guiding the research proposal titled, “ Identification of Groundwater potential zones in Vasai Taluka using GIS Techniques” submitted by final year students in Agriculture and Animal Husbandry category and UG level for the District/Zonal level selection round of the 15th Inter-Collegiate/Institute/ Department Avishkar Research Convention 2020-2021
4. Mrs. Puja Kadam received Certificate of Participation for participating in “ National Level Online Art Competition 2020” conducted by THE OFFICIAL INDIA and for the valuable contribution to fight against Covid-19 on 10/07/2020
5. Mr. Jaydeep B. Chougale received Certificate of Participation for guiding the research proposal titled, “ Analyse and Design a Floating Structure for an Existing Breakwater in Mandwa” submitted by final year students in Engineering and Technology category and UG level for the District/Zonal level selection round of the 15th Inter-Collegiate/Institute/ Department Avishkar Research Convention 2020-2021
6. Mr. Anup A. Shelar & Mr. Arbaz Kazi Paper In review process “Effective Utilization of Sawdust & Sugarcane Bagasse Ash in Stabilization of Black Cotton Soil” in Indian Geotechnical Conference 2021(IGC)
7. Mr. Anup A. Shelar Mr. Arbaz Kazi Paper In review process “Stabilization & Cost reduction of moorum soil in pavement subgrade by utilizing recycled plastic waste” in International Conference on Structures, Material and Construction 2021 (ICSMC).
8. Mr. Anup A. Shelar Received 1rd rank in Technical Poster presentation International Civil Engineering Symposium 2021 (ICES), IIT MUMBAI



Seminars/Workshops/STTPs/Orientation Programs Attended:

Sr. No.	Name of Faculty	Date	Title of Professional Development Program
1	Mr. Viren Chandanshive	23/03/2021	National Initiative For Technical Teachers Training (Nittt-2021) SWAYAM Platform Module 7 “ Creative Problem Solving, Innovation and Meaningful Research and Development”
2	Mr. Viren Chandanshive	05/08/2020 to 07/08/2020	Online Faculty Development Programme on “Smart City Innovations By Applying Engineering Technologies”, organized by the Department of Civil Engineering, RIT, in association with IQAC-MSRIT, Bangalore.
3	Mr. Viren Chandanshive	02/03/2021 to 06/03/2021	Five day Faculty Development Program on “ Modern Construction Techniques and Management”.
4	Mr. Viren Chandanshive	19/06/2021	Workshop on “Break through AI: Multidisciplinary Trends in Engineering and Research” organised by Regional Research Symposium on PBL.
5	Mrs. Puja Kadam	20/07/2020 - 25/07/2020	One week Faculty Development Program on Research Opportunities in Environmental Engineering organized by department of Civil Engineering, Bharati Vidyapeeth(Deemed to be University).
6	Mrs. Puja Kadam	17/07/2021	National Level FDP on Digital India and Education 4.0 with experts from MIT World Peace University, organized by Skillslate, Pune
7	Mrs. Puja Kadam	10/08/2020- 21/08/2020	2 week online Faculty Development Program on ICT tools for Teaching Learning Process
8	Mrs. Puja Kadam	11/05/2021 to 14/05/2021	4- Days NBA Awareness Workshop by Association of the Managements of Un aided Engineering Colleges (Maharashtra)
9	Mr. Vikrant Kothari	23/03/2021	National Initiative For Technical Teachers Training (Nittt-2021) SWAYAM Platform Module 7 “ Creative Problem Solving, Innovation and Meaningful Research and Development”
10	Mr. Vikrant Kothari	18/03/2021	Building Services and Repairs syllabus Revision meeting.
11	Mr. Vikrant Kothari	21/09/2020 to 25/09/2020	Online FDP on "Concrete Technology and Sustainable construction Practices" organized by AICTE Training And Learning (ATAL) Academy
12	Mr. Vikrant Kothari	07/09/2020 to 11/09/2020	Online FDP on "ROAD Response Effectiveness, Organising Self, Attitudinal Shift, Decision Making" organized by AICTE Training And Learning (ATAL) Academy



Allagi

Transformation of Minds



13	Mr. Jaydeep B. Chougale	17/03/2021 to 18/03/2021	TEQIP-III Sponsored Workshop on “Advances in Civil Engineering Materials” organized by Engineering College Banswara, Rajasthan.
14	Mr. Jaydeep B. Chougale	13/07/2020 to 17/07/2021	Five Days Faculty Development Program on “Innovation in Civil Engineering and Concrete Technology (ICECT)” organized by Indian Concrete Institute, SRM Institute of Science and Technology, UltraTech Cement Ltd. IE (I), Kattankulathur
15	Mr. Arbaz M. Kazi	12/06/2021	Geotechnical case studies of Infrastructure Projects
16	Mr. Arbaz M. Kazi	19/06/2021	Virtual Technical Tour of Rajashree Cement Works organised by Civil Engg. Department of Sinhgad College of Engineering In Association with Ultra Tech Cement
17	Mr. Prakash H Panda	20/07/2020	Webinar on Understanding Metacaolin organised by QCRETE Readymix Pvt Ltd.
18	Mr. Prakash H Panda	19/06/2021	Virtual Technical Tour of Rajashree Cement Works organised by Civil Engg. Department of Sinhgad College of Engineering In Association with Ultra Tech Cement
19	Mr. Prakash H Panda	24/04/2021	Webinar on Waterproofing and Building Insulation Concepts under the program entitled “Building Engineers of Tomorrow” organized by TIKI TAR DANOSA (INDIA) Private Ltd.
20	Mr. Jignesh Mistry	24/04/2021	Webinar on Waterproofing and Building Insulation Concepts under the program entitled “Building Engineers of Tomorrow” organized by TIKI TAR DANOSA (INDIA) Private Ltd.
21	Mrs. Aishwarya Anil	16/02/2021 to 22/02/2021	One week online Induction/Refresher program on “Smart Grid, IoT and Green Buildings” organized by PIEMR, Indore in association with AICTE and ISTE.
22	Mr. Anup Shelar	20/06/2021	Online Training Programme on “Project Management” By Indian Academy of Highway Engineers (IAHE)
23	Mr. Anup Shelar	12/06/2021	National Level Workshop on "Geotechnical case studies of Infrastructure Projects" By (Indian geotechnical society) (IGS)
24	Mr. Nikhil Gavad	24/04/2021	Webinar on Waterproofing and Building Insulation Concepts under the program entitled “Building Engineers of Tomorrow” organized by TIKI TAR DANOSA (INDIA) Private Ltd.



Allagi

Transformation of Minds



STUDENT ACHIEVEMENTS

GATE Qualified Students

Sr. No.	Names	Score
1	Yash Jivani	53.83
2	Safiuddin Halim	53.15
3	Gupreet Marwaha	47.65
4	Darshan Mehta	41.35
5	Yogesh Mulik	33.93
6	Rasika Khedekar	31.57

PLACEMENTS

Sr. No.	Name of the Student	Company Name (Offers Received)
1	Darshan Mehta	Infosys
2	Halim Safiudin	Infosys & TCS
3	Soham Warde	Square Yards
4	Sakshi Salve	Square Yards
5	Omprakash Rawal	Value Advisory
6	Kumar Pavan	Prabhu Dayal Consultancy
7	Bhavik Dobariya	Dharti Nirman Builders, Mumbai
8	Rajkumar Suthar	A.P.I Constructions, Trombay, Mankhurd East.

HIGHER STUDIES RECORD

Sr. No	Name of the student	Programe Enrolled	Name of the Institue/College
1	Patil Atmaja	MS Civil	Columbia University
2	Marwaha Gurpreet Singh	MTech in Construction Technology & Management	IIT Delhi
3	Halim Safiuddin	MTech Structural Engineering	NIT Nagpur
4	Upalkar Kshitij	MBA	NMIMS, Mumbai
5	Warde Soham	Master's in Construction Management	NICMAR, Pune



Allagi

Transformation of Minds



TECHNICAL ACHIEVEMENTS

Smit Patil, Atmaja Patil, Shubham Khatokar and Soham Warde published a paper on “Design and Analysis of STP using Dynamic Modelling and Simulation Software (GPS-X)” in International Journal of Engineering Research and Applications

Smit Patil, Atmaja Patil and Shubham Khatokar had participated in a Technical Paper presentation competition held on the occasion of “Technophilia 3.0” organized by the Department of Civil Engineering, M.H. Saboo Siddik College of Engineering on 24/04/2021

Shubham Choudhari, Jayshree Patil and Kruatika Gharat had participated in a Technical Paper presentation competition held on the occasion of “Technophilia 3.0” organized by the Department of Civil Engineering, M.H. Saboo Siddik College of Engineering on 24/04/2021

Shubham Choudhari and Jayshree Patil secured 1st Runner Up position in Technical Paper presentation competition held in National level Civil Engineering Symposium “NIRMITEE 2021” held online on 29/04/2021 and 30/04/2021 by school of Civil Engineering, MIT World Peace University, Pune and it was published in various local newspapers like Loksatta, Pudhari and The Chauphar Sangharsh on 07/05/2021.

Gurpreet Marwaha and Harshada Solkar secured Special Appreciation Prize in Technical Paper presentation competition held in National level Civil Engineering Symposium “NIRMITEE 2021” held online on 29/04/2021 and 30/04/2021 by school of Civil Engineering, MIT World Peace University, Pune

Gurpreet Marwaha, Harshada Solkar, Rishabh Sharma and Prem Khanderao entered Zonal Level in Mumbai University Event, Avishkar Research Convention 2020-2021

Shubham Choudhari, Jayshree Patil, Kruatika Gharat and Pawan Kumhar entered Zonal Level in Mumbai University Event, Avishkar Research Convention 2020-2021.

Anushka Yelve, Manali Ambekar, Snehal Pawar and Sakshi Raskar won under the category of Major Projects in Track 5, VCET’s National Project Showcase, 2021

Yogesh Mishra, Rahul Ray, Raj Naik and Hardk Mhatre won under the category of Mini Projects in Track 5, VCET’s National Project Showcase, 2021.

Gauravi Alave and Sneha Shinde won Second Prize in Technical Poster presentation Competition held by Nalla Malla Reddy Engineering College, Telangana, Hyderabad on 18 and 19 June 2021

Amisha Morajkar won Second Prize in Civil Sudoku competition in the event Aakruthi 2021 held by Nalla Malla Reddy Engineering College, Telangana, Hyderabad on 19 June 2021

EXTRACURRICULAR ACHIEVEMENTS

Gauravi Alave won in the event Rotary Youth Leadership Awards in National level Civil Engineering Symposium “NIRMITEE 2021” held online on 29/04/2021 and 30/04/2021 by school of Civil Engineering, MIT World Peace University, Pune.

Gauravi Alave participated in Poster making Competition held on occasion of “Jal Diwas-2021” organised by Department of Civil Engineering, M.H. Saboo Siddik College of Engineering on 9/04/2021.

Gauravi Alave secured 1st Runner up position in National Level Poster Competition on the topic “World Peace Day” organized by Civil Engineering Students Association, K.D.K. College of Engineering, Nagpur on 5/10/2020.

Gauravi Aalave secured 3rd Place in the category of Adult Artist VOSAP (Voice of Specially Aabled People) Art Form from Heart Contest held on 5/12/2020 by an organization in Special Consultative status with UN ECOSOC.

Dr. Uday Aswalekar
HOD Civil Engineering



Allagi

Transformation of Minds



Department of Computer Engineering

It gives me pleasure and honor to present the annual report of the Department of Computer Engineering for the academic year 2020-2021. Due to the pandemic situation, almost all academic and co-curricular/extra-curricular activities were held online. The following report gives an overview of the major activities done in the Department in Academic Year 2020-21

Orientation Programs attended by faculty:

Sr. No.	Name of the faculty	Orientation Programme	Organized by	Date
1.	Mrs. SmitaJawale Mr. Sunil Katkar Mrs. Priya Save	Computer Graphics, Computer Graphics Lab	ThadomalShahani Engineering College, Bandra	10/07/2020
2.	Mrs. Priya Save	Discrete Structure & Graph Theory	Vivekanand Education Society's Institute of Technology, Chembur	11/07/2020
3.	Mrs. SnehaMhatre	Object Oriented Programming Lab	Vivekanand Education Society's Institute of Technology, Chembur	13/07/2020
4.	Mrs. SweetyRupani	Data Structures, Data Structures Lab	Pillai College of Engineering, New Panvel	14/07/2020
5.	Mr. Sunil Katkar	Digital Logic & Computer Organization Architecture	DattaMeghe College of Engineering, Thane	15/07/2020
6.	Dr. Megha Trivedi Mrs. SmitaJawale Mrs. SweetyRupani	Mini Project (CSM 301)	LokmanyaTilak College of Engineering, Koparkhairane	16/07/2020
7.	Dr. Megha Trivedi Mrs.SnehaMhatre Mrs.KrantiGule Mrs.Maya Varghese Mr.TatwadarshiNagarhalli	GitHub Re-Engineer The Code Culture - Orientation session	GitHub Campus Program Team, Bangalore	25/05/2021

STTP / FDP attended by faculty

Sr. No.	Name of the faculty	STTP/FDP attended	Organized by	Date	
				From	To
1.	Mr. Sunil Katkar	Online Course on Programming for Everybody (Getting Started with Python)	University of Michigan and offered through Coursera	01/07/2020	01/08/2020
2.	Mr. Sanket Patil	AICTE Sponsored Short Term Training Program On ' Machine Learning: Algorithms and Applications in Data Science'	Department of Electronics Engineering BRAC's Vishwakarma Institute of Technology, Pune.	5/10/2020	10/10/2020



Allagi

Transformation of Minds



3.	Dr. Megha Trivedi	AICTE Sponsored Short Term Training Program On ' Machine Learning: Algorithms and Applications in Data Science'	Department of Electronics Engineering BRAC's Vishwakarma Institute of Technology, Pune.	2/11/2020	7/11/2020
4.	Mr. Sunil Katkar	TEQIP sponsored Online FDP on "Technology, Startups and IPRs"	Dr. Babasaheb Ambedkar Technological University, Lonere and Karmaveer Bhaurao Patil College of Engineering, Satara.	15/03/2021	17/03/2021
5.	Mrs. Shamika Mule	Faculty Development Program on Data Science	E & ICT Academy, IIT Kanpur	19/04/2021	30/04/2021
6.	Mrs. Kranti Gule	Faculty Development Program on Cloud Computing	E & ICT Academy, IIT Kanpur	26/04/2021	01/05/2021
7.	Mr. Sunil Katkar	AICTE Sponsored STTP on "Telecommunication Networks"	Department of Electronics and Telecommunication Engineering, Vidyalkar Institute of Technology, Wadala East, Mumbai	03/05/2021	08/05/2021
8.	Dr. Megha Trivedi	Online PBL course – an introductory course on Problem Based Learning in Higher Education	Aalborg Centre for Problem Based Learning in Engineering Science and Sustainability	23/05/2021	28/05/2021
9.	Mr. Sanket Patil Mrs. Sneha Mhatre Mr. Tatwadarshi Nagarhalli	FDP on Cyber Security Awareness	Amity School of Engineering and Technology, Amity University, Mumbai	24/05/2021	28/05/2021
10.	Mr. Anil Hingmire Mrs. Sneha Mhatre Mr. Tatwadarshi Nagarhalli	Online PBL course – an introductory course on Problem Based Learning in Higher Education	Aalborg Centre for Problem Based Learning in Engineering Science and Sustainability under the auspices of UNESCO	26/05/2021	27/05/2021
11.	Mrs. Smita Jawale	Research Funding Projects & IPR (Part II)	K.C College of Engineering & Management Studies & Research, Thane(E)	07/06/2021	09/06/2021
12.	Mrs. Smita Jawale	ISTE Approved two-week STTP on Internet Programming: the Full Stack Approach	Vidyavardhini's College of Engineering & Technology, Vasai	14/06/2021	25/06/2021



13.	Mr. Sanjeev Vedpathak	FDP on Website Design using Wordpress	S. B, Jain Institute of Technology, Management and Research, Nagpur in collaboration with E&ICT Academy, IIT Kanpur.	14/06/2021	19/06/2021
14.	Dr. Megha Trivedi Dr. SwapnaBorde Mr. Vikrant Agaskar Mr. Anil Hingmire Mrs. Smita Jawale Mr. Sunil Katkar Mr. Sanket Patil Mrs. Sneha Mhatre Mr. Tatwadarshi Nagarhalli Mrs. Kranti Gule Mrs. Maya Varghese Mrs. Shamika Mule Mr. Vishal Patil Mr. Sanjiv Vedpathak	ISTE Approved one- week STTP on Cyber security: Individual, Technology & Research Trends	Vidyavardhini's College of Engineering & Technology, Vasai	21/06/2021	26/06/2021
15.	Mr. Vikrant Agaskar Mrs. Smita Jawale Mrs. Sneha Mhatre	FDP on Incorporating Universal Human Values in Education	AICTE	28/06/2021	02/07/2021
16.	Mr. Anil Hingmire Mr. Sunil Katkar	ISTE Approved one- week STTP on Current Trends, Research and Challenges in IoT	Vidyavardhini's College of Engineering & Technology, Vasai	28/06/2021	03/07/2021

Workshop /Seminar/Webinar/ Summit/Quiz attended by faculty/staff

Sr. No.	Name of the faculty	Name of Workshop/ Seminar/Summit attended	Organized by	Date
1.	Mr. Sanjeev Vedpathak	Webinar on AI for healthcare	Dr. Ambedkar Institute of Technology, Bangaluru	24/07/2021
2.	Mr. Anil Hingmire	Webinar on Patent Do's and Don'ts	Shah & Anchor Kutchhi Engineering College, Chembur	25/07/2020
3.	Mr. Sanjeev Vedpathak	Online Quiz on recent trends in IT	Shree L.R.Tiwari College of Engineering, Mira Road, Mumbai	05/11/2020



Allagi

Transformation of Minds



4.	Mr. Sanjeev Vedpathak	Online Quiz on basics of Computer and IT skills	Shree L.R.Tiwari College of Engineering, Mira Road, Mumbai	05/11/2020
5.	Mr. Sanjeev Vedpathak Mrs. Harshada Tandel	Introduction to HW installation, Networking & its fault Diagnosis	VCET, Vasai	01/01/2021
6.	Mrs. Sneha Mhatre	Workshop on "From Networking to Networking"	Atharva College of Engineering, Malad, Mumbai	27/2/2021
7.	Dr. Megha Trivedi	Google India Faculty Summit 2021	Google, India	23/04/2021
8.	Dr. Megha Trivedi	Workshop on MS Excel for Effective Organization of Quantitative Metrics data of NAAC	Vidyalankar Institute of Technology, Mumbai	15/05/2021
9.	Mrs. Sneha Mhatre	Workshop on "Intellectual Property Rights and IP managements for Startup"	K.J.Somiya Institute of Engineering & Information Technology, Vidyavihar	16/5/2021
10.	Dr. Megha Trivedi	Leadership Summit named IUCEE Leader Meet	Indo Universal Collaboration for Engineering Education (IUCEE), Hyderabad	19/05/2021
11.	Dr. Megha Trivedi Mrs. Maya Varghese Mr. Vishal Patil	Expert Talk on Changing Dynamics of Education post- COVID era - Insights from Chanakya's Teaching	K.J.Somiya Institute of Engineering & Information Technology, Vidyavihar	04/06/2021
12.	Mrs. Smita Jawale	Webinar on Storytelling using visualization	Pimpri Chinchwad College of Engineering & research, Ravet in association with Pantech E-Learning, Chennai	04/06/2021
13.	Mrs. Smita Jawale	Webinar on AI base Object detection	Khalsa College for Women Sidhwanhurd, Punjab in association with Pantech E-Learning, Chennai	05/06/2021
14.	Mr. Anil Hiingmire Mrs. Sneha Mhatre Mr. Tatwadarshi Nagarhalli	Regional Research Symposium on Project Based Learning	Karnataka State Higher Education Council in association with Aalborg Centre for Problem Based Learning in Engineering Science and Sustainability under the auspices of UNESCO	18/06/2021 and 19/06/2021



Allagi

Transformation of Minds



Guest Lectures /Webinar /SDP organized in the Department

Sr. No.	Event	Date	Resource person
1.	SDP on “Agile Software Development”	05/11/2020	Mrs. Radhika Pillai, & Ms. Noorusubba Shayan, Agile Coach, TCS, Mumbai
2.	Webinar on “Benefits of Internship “for SE and TE students	07/12/2020	Alumni-Mr. Shahbaz Khan, Data Scientist at Karza Technologies, Mumbai
3.	Webinar on “Preparation for GATE Examination 2021” for BE Students	04/01/2021	Mr.Pratik Sawant& Ms. Aishwarya Dhandore, Research Assistant, IIT Bombay
4.	Webinar on “GRE & IELTS Preparation” for SE and TE Students	05/02/2021	IDP Education India Pvt. Ltd., Mumbai
5.	Alumni talk on “Case Study on Machine Learning”	09/02/2021	Ms. Kritika Rao, Assistant System Engineer, TCS
6.	Guest Lecture on ‘Natural language processing for text analysis and topic modelling’	10/02/2021	Mr. Shaswat Tiwary, Assistant Consultant, Data Analytics and Business Intelligence, TCS Mumbai
7.	SDP on “Data Science and Machine Learning”.	15/02/2021 to 06/03/2021	ExcelR Solutions, Bangalore
8.	Webinar on Linux and Network Administration for TE students	07/03/2021	Alumni - Mr. Parag Khuman, Data Center Linux and Hardware Engineer at Amazon Web Services
9.	Expert Lecture on Basics of Electrical and Electronics for FE students	20/03/2021	Mr. Prateek Jain, Analog Engineer, Process Precision Instruments, Vasai(E)
10.	Virtual Industrial Tour related to Basics of Electrical and Electronics Course for FE students	22/03/2021	Process Precision Instruments, Vasai(E)
11.	Expert talk on “Human Machine Interaction: Industry approach of the subject and practical knowhow of UX and UI” for BE students	31/03/2021	Mr. Nilesh Jain, Founder – Techustaads Pro Learning, Vasai
12.	Expert lecture on Demonstration of Database connectivity for SE students	12/04/2021	Mr. Dominic Lopes, Quality Engineer, Josh Software, Pune
13.	SDP on Big Data and Analytics	20/04/2021	Mr. Dibyendu Ghosh, Associate Consultant at TCS, UK
14.	Expert talk on Product development using Microcontroller/Microprocessor	05/05/2021	Mr. Tejas Pawaskar, Sr. Embedded Engineer, Mindtech Software, Mumbai
15.	Workshop on "How to register on Virtual Lab & How to perform practical" for FE students.	26/05/2021	Mrs. Sneha Mhatre, Assistant Professor, Department of Computer Engineering, VCET
16.	Seminar on "Undertaking Literature Review" for TE students.	17/06/2021	Mr. Tatwadarshi P.N. and Mrs. Sneha Mhatre Assistant Professors, Department of Computer Engineering, VCET



17.	SDP on Cyber Security: Individual, Technology & Research Trends	21/06/2021 to 26/06/2021	<p>Dr. Parikshit Mahalle, Professor and HOD, Comp. Engg, SKNCOE, Pune</p> <p>Prof. Yogesh Jadhav, Corporate Trainer and Assistant Professor, Amity University</p> <p>Dr. Nilanjan Dey, Associate Professor, JIS University, Kolkata. Editor-in-Chief: Int. J. of Ambient Computing and Intelligence</p> <p>Mr. Sachin Dedhia, CISA, CEH, CEI, ISO 27001 LA, Founder - Skynet Secure</p> <p>Mr. Amey Tambe, Director at SoftTech Data Securities</p> <p>Dr. Dayanand Ambawade, Associate Professor, SPIT, Mumbai</p> <p>Dr. Narendra Shekokar, Professor, DJSCE, Mumbai</p> <p>Mr. Vicky Shah, Advocate Cybercrime, Data Protection and Privacy</p> <p>Dr. Ramchandra Mangrulkar, Associate Professor, DJSCE, Mumbai</p> <p>Mr. Devesh Mathur, Associate Consultant, TCS</p>
-----	--	--------------------------------	---

CSI ACTIVITIES

CSI Branch Counselor: Mr. Sunil Katkar

Sr. No.	Event	Date	Resource person
1.	Open Session on Blockchain technology	27/02/2021	Mrs. Leena Nadkar, Faculty, NMIMS, Mumbai
2.	Webinar on data science using MATLAB	09/04/2021	Mr. Suraj Gawande, Senior Application Engineer, Design Tech System Ltd (Mathworks-MATLAB), Pune.



Other activities by Faculty members:

Dr. Megha Trivedi delivered a talk on Linearization Methods for nonlinear systems at Ramrao Adik Institute of Technology, Navi Mumbai on 12/2/2021

Dr. Megha Trivedi visited JanyuTech robotics for a discussion on Industry –Institute collaboration on 18/02/2021.

Mrs. Maya Varghese had done judging for projects in Hackstomp 2021 of Universal College of Engineering, Kaman on 25/02/2021.

Mr. Anil Hingmire was the Reviewer of IC-CICT-2021 Conference Track 4: Artificial Intelligence and Machine Learning, which was held on 02/06/2021 by Sardar Patel Institute of Technology, Andheri

Dr. Tatwadarshi P.N. is the Elsevier Reviewer for the Journal of King Saud University: Computer and Information Sciences.

STTP organized by the Department:

AICTE-ISTE approved One Week Short Term Training Program and Student Development Program on “Cyber Security: Individual, Technology & Research Trends” was conducted from 21/06/2021 to 26/06/2021

Convener: Dr. Megha Trivedi

Co-convener: Mr. Tatwadarshi Nagarhalli

Co-ordinator: Mrs. Smita Jawale, Mrs. Sneha Mhatre

Programme Committee: Dr. Swapna Borde, Mr. Anil Hingmire, Mr. Vishal Patil

Technical Support: Mr. Sanjiv Vedpathak

Number of Participants: 58

SDP organized by the Department:

Student Development Program on “Cyber Security: Individual, Technology & Research Trends” was conducted from 21/06/2021 to 26/06/2021

Convener: Dr. Megha Trivedi

Co-ordinator: Mr. Sunil Katkar

Number of Participants: 33

Highlights of STTP/SDP:

Need for Cyber Security

Cyber Security Fundamentals

Biometric Security

Individual Security, Cybercrimes and Data Privacy Laws

IoT Security

Security Tools

Technologies in Cyber Security

Zero Trust Security

Research Trends in Cyber Security

Activities by Bit- Byte-Go - CodeChef Student chapter

A 12-hour online coding competition Codeathon was organized with the initiative of Dr. Swapna Borde on 27/06/2021. 232 participants from all over India participated in the event.

e-Magazine:

Staff In-charge: Mr. Vikrant Agaskar

The technical e-Magazine of the Computer Engineering Department was released as a digital flipbook in 17/09/2020, showcasing information about new technology, covering various topics like medical equipment for helping doctors tackle Covid-19, latest games, advancements in AI and Deep Learning, etc.

BYTE newsletter:

Staff In-charge: Mr. Vikrant Agaskar

An edition of Byte - Technical Newsletter of the Computer Engineering Department showcasing the articles on the latest technological advancements contributed by students, was inaugurated on 14/05/2021 as an e-Newsletter due to Pandemic and lockdown.



BYTE Wall Magazine :

Staff In-charge: Mrs. Maya Varghese

BYTE Wall Magazine, first-ever Wall Magazine of the Computer Engineering Department was inaugurated on 14/05/2021. The articles were put up on the theme 'Smart Technologies'. A brief layout of departmental activities was shown, also messages from different alumni were showcased on the BYTE WALL.

Paper Publication:

Mr. Tatwadarshi Nagarhalli presented a paper titled "Impact of Machine Learning in Natural Language Processing: A Review" in IEEE Third International Conference on Intelligent Communication Technologies and Virtual Mobile Networks (ICICV) organised by Francis Xavier Engineering College, Tirunelveli, India on 04 and 05/02/2021

Dr. Megha Trivedi, Karan Chaure, Saihita Ajgaonkar, Akshay Chimkar published a paper "Home Interior Using Augmented Reality" in IJARCCCE Volume 10, Issue 4 in April, 2021. The journal has impact factor of 7.078.

Mr. Vikrant Agaskar, Shubham Gargade, Rohan Jain published a paper "Productivity Tracker Assistant" in IJARCCCE Volume 10, Issue 4 with impact factor of 7.078 in April, 2021.

Mrs. Sneha Mhatre, Ravikumar Patel, Rahul Yadav published a paper "Home Interior Using Augmented Reality" in IJARCCCE Volume 10, Issue 5 on 06/06/2021.

Mrs. Sneha Mhatre, Sachin Sav, Gayatri Shetty, Aditya Yadav published a paper "Multi-lingual Chat Application to remove Language Barrier with OCR Feature" in IJARCCCE Volume 10, Issue 5 on 06/06/2021.

Students Achievements:

Results for Academic Year 2020-2021:

BE Result: Sem VII –100%

1	SayaliMhatre	9.81 CGPI
2	TapasyaGupte	9.69 CGPI
3	Sachin Dubey	9.69 CGPI
3	MayuriGosavi	9.62 CGPI

TE Result: Sem V – 98.76%

1	Gopika Menon	10 SGPI
1	Ritvik Vedpathak	10 SGPI
2	Abhishek Bhingale	9.93 SGPI
2	Ajay Chodankar	9.93 SGPI
2	Viresh Fegade	9.93 SGPI
2	SakshiMhatre	9.93 SGPI
2	Vinita Raorane	9.93 SGPI
2	Mihir Thakur	9.93 SGPI
2	Anand Tiwari	9.93 SGPI
2	Tanushree Gorasiya	9.93 SGPI
3	Bhumit Malvi	9.89 SGPI
3	Saumya Parikh	9.89 SGPI
3	Abhishek Walinjar	9.89 SGPI

SE Result: Sem III – 97.43%

1	Adarsh Dubey	10 SGPI
1	Shreyash Kale	10SGPI
1	Manas Mhatre	10SGPI
1	Suyash Shingate	10SGPI
1	Altaz Virani	10SGPI
1	Nidhi Karulkar	10SGPI
1	Ruchali Mhatre	10SGPI
2	Omkar Ghanekar	9.91 SGPI
3	Shriya Chitre	9.87 SGPI
3	Pritish Mair	9.87 SGPI
3	SharvinDedhia	9.87 SGPI
3	Tulshiram Panchal	9.87 SGPI
3	Prachi Patil	9.87 SGPI
3	Chandan Patil	9.87 SGPI
3	Yash Patil	9.87 SGPI
3	Rakesh Yadav	9.87 SGPI



Placements:

The following students bagged different positions in the company in the LTI infinity challenge

1. Divyanshu Gupta- level 3 with 10 LPA
2. Meet Thakkar-level 3 with 10 LPA
3. Keval Shah- level 2 with 8LPA
4. AdityaYadav-level 2 with 8LPA

Infosys

Tejas Kachare placed in Infosys as Power Programmer through HackWithInfy Competition got 8 LPA

TCS

Keval Shah and Divya Naik got a Digital Programmer offer in TCS with 7 LPA

Placements on Campus (2020-2021):

Company Name	Number of Students Placed
Infosys	15
TCS	23
L&T	7
Raw Engineering	1
Zeus Learning	3
Swabhav Tech Labs	1
Square Yards	2
Megavision Technologies	1
Vistaar	2
Accenture	1
Capgemini	1
Wipro	2
Grand Total	59

Internship (2020-2021):

Company Name	Number of Students done Internship
Swabhav Tech Labs	12
Innovative Creators	10
Sahu Technologies	09
Klugerkopf	02
CybeorgEducation Technology Private Limited	01

Adani Dahanu thermal Power	01
Morgan Stanely	01
ZsMicrotech	01
Intech Olympiad	01
Evolution Skill	01
Cyberance Infovision Pvt. Ltd	01
Internship Studio	02
The Sparks Foundation	02
Zycator	01
Fossee Long Internship, IIT Bombay	01
The Entrepreneurship Network	01
Tutedude	01
Grand Total	48

Technical Achievements:

The BE project “Detection of Pneumonia using x-ray & respiratory diseases using voice data” bagged Third Rank in AVISHKAR 2020-21 Final Round. This project was done by Fenil Patel, Akash Patil, Archit Naik under the guidance of Mr. Anil Hingmire.

Project “User Productivity Tracking Assistant using Cloud Computing” by Shubham Gargade, Rohan Jain, under the guidance of Mr. Vikrant Agaskar had participated in the selection round of AVISHKAR 2020-21 in Engineering and Technology Category

The GENCODERS team (Pritish Mair, Shravin Dedhia, Soham Wagmare- SE Comp) bagged Fourth position in Hackathon 21 among all over 39 teams and 138 students from Mumbai, Pune, Hubli, all the way to Chennai.

Kaushik Shetty (BE Comps) and Sahil Chowkekar (TE Comps) were the Winners of SMART HACKS 2020-21

Sarvesh Kale is a Top Performer by Internshala Training with a score of 91% for a six weeks training on Web Development-HTML, CSS, Bootstrap, SQL, Php.



Allagi

Transformation of Minds



Mankrit Singh, Chinmay Sonawane, Chandan Patil, and Nagesh Virkar (SE Comp) were the winners of Minor group in VCET's National Project Showcase (VNPS'21) held on 14/05/2021.

Saumya Parikh, Piyush Pandey, Neel Panchal (TE Comp) were the winners of Minor group in VCET's National Project Showcase (VNPS'21) held on 14/05/2021.

48 students participated and scored of 75% and above in online quizzes conducted by various colleges/organization across India.

83 online courses/workshops were completed by our students on various platforms like Udemy, Eduonix, Coursera, NPTEL, Cognitive Class, etc.

Anurag Verma (BE Comp) is strongly recommended as Business Analyst, Business Consultant, Data Processing Specialist, Software development trainer by AMCAT.

Two teams from Department of Computer Engineering are the winners of Selection Round of AVISHKAR 2020-21. Details are as follows:

Sr No	Level	Category	Name of project title category	Name of students	Project guide
1	UG	Medical and Pharmacy	Detection of Diabetic retinopathy using machine learning.	Anushree Vartak Sagar Kataria Zeal Vala	Dr.Swapna Borde
2	UG	Medical and Pharmacy	Detection of Pneumonia using x-ray & respiratory diseases using voice data	Fenil Patel Akash Patil Archit Naik	Mr. Anil Hingmire

Dr. Megha Trivedi
H.O.D.
(COMP ENGINEERING)



Allagi

Transformation of Minds



Department of Electronics and Telecommunication Engineering

Staff Activities:

Dr. Vikas Gupta presented a paper "Enhancing Uplink/Downlink Performance of Massive MIMO System Using Time-Shifted Pilot signal Transmission with Pilot Hopping (TSPTPH)" in International Conference on Computing technologies for Automated World Transforming the (ICCTAW' 2020) at Atharva College of Engineering, Mumbai.

Dr. Vikas Gupta's paper "Resolving the Interference in 5G Millimeter Wave Through Scheduling Technique in Estimated Channel" is published in Asian Journal Of Convergence In Technology.

Dr. Amrita Ruperee paper "Enhancing Uplink/Downlink Performance of Massive MIMO System Using Time-Shifted Pilot signal Transmission with Pilot Hopping (TSPTPH)" is published in Inderscience Publisher.

Prof. Trupti Shah presented a paper "Stale Fruit Detection and Storing using Image Processing " in IETE international conference on global Trends in Engineering and Technology.

Prof. Trupti Shah presented a paper title "Face Controlled Door Lock and Auto Attendance System" in IETE international conference on global Trends in Engineering and Technology.

Prof. Shaista Khanam presented a paper title "Interfacing of TFT Display with machines" Paper presentation in 52nd Mid Term Symposium (MTS) on Emerging trends in ICT and electronics.

Prof Neha Gharat presented a paper title "Contactless Heartrate Analyser" Paper presentation in 52nd Mid Term Symposium (MTS) on Emerging trends in ICT and electronics.

Prof. Ashwini Katkar presented a paper title "Malware Intrusion Detection for system Security" in 52nd Mid Term Symposium (MTS) on Emerging trends in ICT and electronics organised by IETE.

Prof. Shaista Khanam presented a paper title ""VHDL Implementation of pipeline processor" in 52nd Mid Term Symposium (MTS) on Emerging trends in ICT and electronics organised by IETE.

Prof. Ashwini Katkar's paper "Malware Intrusion Detection For System Security" is accepted in International Conference on Communication, Information and Computing Technology, ICCICT-2021 organised by Sardar Patel Institute of Technology, Mumbai.

Prof Ashwini Katkar attended a one-week AICTE Sponsored STTP on "Telecom Networks" organised by VIT, Mumbai

Prof. Neha Gharat attended a one-week AICTE Sponsored STTP on "Natural Language Processing with Google AI and Dialogflow and Its Applications" organised by UMIT, Mumbai.

Prof. Neha Gharat attended a one-week TE-QIP-III Sponsored STTP on "Evolution of RF Electromagnetics from Microwave to MMwave Technologies" organised by VJTI, Mumbai.

Prof. Sandhya Supalkar, Prof. Shraddha Gosavi and Prof. Ekta Naik attended a one-week AICTE Sponsored ATAL FDP on "Serviceless IoT for Societal Products" organised by Indian Institute of Information Technology Kottayam.

Prof. Shaista Khanam, Prof. Ashwini Katkar and Prof. Trupti Shah completed 3 days TEQIP faculty development program on "Technology, start up and IPRs" organised by Dr. Babasaheb Ambedkar Technological University, Lonere, Maharashtra.

Prof. Shaista Khanam completed 4 weeks faculty development Coursera program -The Raspberry Pi Platform and Python programming for Raspberry pi.

Prof. Shraddha Gosavi completed 4 weeks faculty development program Coursera -Introduction to Artificial Intelligence (AI)

Prof Ashwini Katkar completed course "Programming for Everybody-Getting Started with Python"- University of Michigan and Coursera



Allagi

Transformation of Minds



Distinguished Members:

Dr. Amrita Ruperee worked as a member of syllabus committee for subject Digital Communication/sem V for R19 C scheme of Electronics and Telecommunication Engineering, Mumbai University.

Dr. Sunayana Jadhav worked as a member of syllabus committee for subject Sensor Technology/sem V for R19 C scheme of Electronics and Telecommunication Engineering, Mumbai University.

Prof. Shaista Khanam worked as a member of syllabus committee for subject Digital VLSI Design and Mini project Embedded system /sem V for R19 C scheme of Electronics and Telecommunication Engineering, Mumbai University.

Prof. Neha Gharat worked as a Convenor of syllabus committee for subject for IT infra & Security /sem V for R19 C scheme of Electronics and Telecommunication Engineering, Mumbai University.

Prof. Ashwini Katkar worked as a member of syllabus committee for subject for CCN/sem VI for R19 C scheme of Electronics and Telecommunication Engineering, Mumbai University.

Prof. Ekta Naik worked as a member of syllabus committee for subject for Neural Networks/sem V and Machine Learning /sem VI for R19 C scheme of Electronics Engineering, Mumbai University.

Prof. Trupti Shah worked as a member of syllabus committee for subject for Radar Engineering/sem VI for R19 C scheme of Electronics and Telecommunication Engineering, Mumbai University.

Faculty Qualification Upgradation:



Dr. Sunayana Jadhav, Assistant Professor in Department of Electronics and Telecommunication Engineering. She is having more than 20 years of experience in academics and delivering courses in the area of Wireless Networking, Mobile Communications, Digital Systems, and VLSI.

She received her PhD from VJTI, Mumbai University in August 2020. The research is aimed at Investigations in Distributed Detection Systems for spatially correlated observations in Wireless Sensor Networks (WSNs). Upcoming technologies like IoT, Artificial Intelligence, Augmented Reality, Industry 4.0 standard require WSNs as the prime element in their systems. The proposed work focused on investigating correlated observations in spatial domain for event detection applications.

PUBLICATIONS:

Sunayana Jadhav, Rohin Daruwala, “3-D Modeling of Statistical Dependencies using Copulas for Wireless Sensor Network,” in IEEE International conference on Wireless Communications, Signal Processing and Networking (WISPNET), March 2016. (DOI: 10.1109/WISPNET.2016.7566469)



Sunayana Jadhav, Rohin Daruwala, "Fusion Model for Statistically Dependent Observations in Wireless Sensor Network," in IEEE International conference on Computing, Communications, and Automation (ICCCA), April 2016. (DOI: 10.1109/C-CAA.2016.7813808)

Sunayana Jadhav, Rohin Daruwala, "Development and Analysis of 3D-Copula Model for Statistical Dependencies in Wireless Sensor Networks," presented and published in IEEE TENCON 2016- Technologies for Smart Nation, Singapore, Nov.2016. (DOI: 10.1109/TENCON.2016.7848235)

Sunayana Jadhav, Rohin Daruwala, "Tri-Variate Copula Modeling for Spatially Correlated Observations in Wireless Sensor Networks", published in Journal of Communications, 2019. (DOI: 10.12720/jcm.14.10.951-957)

Sunayana Jadhav, Alok Dubey, Amit Bhagat, Manoj Thakur, Vibha Parab, "Design of data transmission unit for an Autonomous Vehicle", published in International journal of Information Technology, BJIT, July 2020.

Sunayana Jadhav, Pranutha Malickal, Viprus Morye, "Hierarchical VSCH and Cluster-Tree Routing Algorithms for Energy Efficient WSNs", presented in IEEE International conference on Intelligent Technologies (CONIT), June 2021.

Faculty Achievements:

Dr. Sunayana Jadhav has Completed PhD in Wireless Sensor Networks From VJTI, Mumbai.

Prof. Shaista Khanam, Prof Neha Gharat and Prof. Ashwini Katkar cleared PET exam of Mumbai University.

Seminars / Workshops:

Prof. Shaista Khanam conducted a workshop on "Tinkercad an alternative to Arduino".

Prof. Shaista Khanam conducted lectures in Student development program on "Fundamentals of Embedded C with journey of Microcontrollers" under Texas Instruments innovation Lab.

Prof. Shaista Khanam was part of organizing Committee of 52nd Mid Term Symposium (MTS) organized in association with IETE Mumbai centre.

Prof. Trupti Shah conducted workshop on "Octave Alternative to MATLAB".

VCET IEEE SB, VCET IETE SF and ETA Activities:

VCET IETE SF has organized webinar on "How to be Industry ready in the telecom sector" by Mrs. Rakhee Sonawane, Deputy General Manager, TATA Communication on 31st October 2020.

VCET IEEE SB organized "Arduino workshop" by Ms. Shaista Khanam Asst. professor, VCET on 1st to 3rd February 2021.

VCET IETE SF has organized webinar "Embedded systems and understanding the coding rules" by Mr. Maneesh Singh Tech lead in Capgemini, Mumbai on 24th February 2021

VCET IETE SF has organized webinar on "Cybersecurity and its now-a-day Applications" by Mr. Anirudh Iyer, Cybersecurity Solutions Architect, Cisco, Canada on 25th February 2021.

VCET IEEE SB has organized "F.E. Quiz" on 3rd and 5th March 2021.

VCET IETE SF has organized "Oscillations" on 26th of March 2021.



VCET IEEE SB has organized a webinar on "Guideline for writing a Technical Paper" by Dr. Amrita Ruperee and Dr. Sunayana Jadhav on 23rd April 2021.

VCET IETE SF has organized workshop on "Octave Alternative to MATLAB" by Prof. Trupti Shah on 1st May 2021.

VCET IEEE SB and VCET IETE SF has organized National Level Project Competition VNPS on 14th May 2021.

ETA published annual technical magazine "Pulse 21" on 14th May 2021.

VCET IETE SF has organized a webinar on "How to get job in VLSI" on 25th of April 2021 by Mr. Sourabh Mestry and Mr. Syoug Patil.

VCET IETE SF has organized a webinar on webinar on "IOT 4.0: industrial IOT and Smart Factory" by Mr. Asmi Sinha on 15th of June 2021.

Student Achievements:

Rahul Bhivaji Kamble received 5th Rank & awarded with Certificate of Excellence in the competition COVIDEATE Organized & Sponsored by IIT Bombay and Larson & Turbo, Asia's Largest Science and Technology Festival.

Prasad Sawant., Swathi Gaitonde, Shradha Kini presented a paper title "Contactless Heartrate Analyser" Paper presentation in 52nd Mid Term Symposium (MTS) on Emerging trends in ICT and electronics.

Sakshi Shukla, Danish Shaikh presented a paper title "Malware Intrusion Detection for system Security" in 52nd Mid Term Symposium (MTS) on Emerging trends in ICT and electronics organised by IETE.

Sakshi Borkar, Rutika Jadhav, Jyoti Paswan presented a paper "Stale Fruit Detection and Storing using Image Processing " in IETE international conference on global Trends in Engineering and Technology.

Madhura karanda, Sharvari Nabge, Mansi bhior presented a paper title "Face Controlled Door Lock and Auto Attendance System" in IETE international conference on global Trends in Engineering and Technology.

Hritik Gaikwad, Parth Waikul, Sarvesh Waykole presented a paper title ""VHDL Implementation of pipeline processor" in 52nd Mid Term Symposium (MTS) on Emerging trends in ICT and electronics organised by IETE.

Nihal Kumar, Tarang Marolikar, Nachiket Lele from final year secured first prize in National Level Project Presentation Competition "Xzibit" organised by K.C. College of Engineering.

Nihal Kumar, Tarang Marolikar, Nachiket Lele from final year secured second prize in Paper Presentation Competition, Oscillations organised by IETE SF, VCET.

Anushka Joshi, Apeksha Jain from final year secured first prize in Paper Presentation Competition, Oscillations organised by IETE SF, VCET.

Rahul Kamble from third year secured first prize in Paper Presentation Competition, Oscillations organised by IETE SF, VCET.

Sikandar Kanojia Akhilesh Yadav from third year secured Paper Presentation Competition, Oscillations organised by IETE SF, VCET.

Kushal Raut, Riddhesh Vanjara, Varad Vartak and Karan Singh from second year secured second prize in Paper Presentation Competition, Oscillations organised by IETE SF, VCET.

Archit Gharat, Yash Barot , Harsh Dodiya, Amey Mory from second year secured second prize in Paper Presentation Competition, Oscillations organised by IETE SF, VCET.



Allagi

Transformation of Minds



Shubham Gaikar Mithun Kundu Mayank Josh from second year secured second prize in Paper Presentation Competition, Oscillations organised by IETE SF, VCET.

Apeksha Jain, Kaustubh Gokhale, Anushka Joshi from final year secured first prize in National Level Project Competition VNPS organised by VCET.

Mithesh Satvilkar, Omkar Chavan, Sanket Mangela, Prathamesh Jadyar from final year secured first prize in National Level Project Competition VNPS organised by VCET.

Placement Record

Total Students placed: 21 (Updated till May 2021) 08 in TCS, 06 in Infosys, 04 in ZEUS Learning, 03 in L&T

Academic Results:

BE DEPT. RESULT = 100%

TE SEM V RESULT = 79.95%

SEM VI RESULT = 100%

SE SEM III RESULT = 61.53%

SEM IV RESULT = 98.46%

ZEAL 2021:

Apeksha Jain, Brijesh Shukla, Anushka Joshi, Kaustubh Gokhale (BE-EXTC) - Winner in Antakshari.

Apeksha Jain, Brijesh Shukla, Kaustubh Gokhale (BE-EXTC) - Runner up in Facts and Furious.

Abdul Pitodia (BE-EXTC) - Winner of CS GO

Shamini Iyer (TE-EXTC) - Runner up in Solo Singing.

Shreya Malewade (SE-EXTC) - Winner in Photography.

SPORTS 2021:

Kaustubh Gokhale has secured the first prize in Virtual Cyclothon.

Dr. Vikas Gupta
(H.O.D. EXTC)



Allagi

Transformation of Minds



Department of Instrumentation Engineering



Dear Members,

Welcome to the AY 2020-2021 annual report! During the year covered by this report, the department has achieved remarkable milestones in each aspect. This annual report provides you with more details of each of the activities.

Prof. Vishal Pande, Co-ordinator, COEP Virtual Lab nodal center 17, Vidyavardhini's College of Engineering & Technology, Vasai in association with Virtual Lab portal, College of Engineering Pune successfully organized and completed a two-week SDP "Parikshan-2020 Experiment on click" from 22nd June to 3rd July 2020.

Prof. Prafulla Patil and Prof. Vishal Pande participated in TEQIP-III sponsored one-week workshop (through online mode) on "Smart Materials: conpet, Design and Applications" organized by Department of Chemistry, NIT Utarakhand from September 07-11 2020.

Prof. Deepti Patne organized on-line Technical Session on Transmitters by Mr.Dhanjay Bhavsar (Siemens India Pvt.Ltd.) on 3rd October 2020.

Prof. Deepti Patne conduct series of technical talk of Mr.Dhanjay Bhavsar (Siemens India Pvt.Ltd.) on every Saturday/ Sunday approximately for two months.

Prof. Kanchan Sarmalkar organized expert lecture for Industrial Automation , VII semester subject by Mr. Shaym Adsul, Distinguished Department Alumni and Project Manager, Tata Consultancy Services(TCS) on 05th November 2020.

Prof. Mugdha Salvi and Prof. Deepti Patne organized expert session on "Process Control Technology" by Mr.Hemal Desai (Vice President Marketing, Endress+Hauser India Pvt.Ltd.) 05th November 2020.

Prof. Kanchan Sarmalkar organized Online Alumni Talk on " Applications of Gas Analyzers" Mr. Harsh Thankar, Sr. Project Engineer, CPIC, Saudi Arabia on Friday 20th November 2020.

Prof. Trupti Furia, ISA Faculty Advisor organized online "Seminar on Latex" Dr Sharad Jadhav, HOD, Instrumentation, RAIT on 07th December 2020.

Department faculty and Prof. Trupti Furia, ISA Faculty Advisor organized following online events:

Guidance for Higher Studies in USA and Germany. Monday 25th January 2021, 11 am to 1 pm.Resource Person: Dr. Tushar Vinod Deoras, Astute Career Counselling Academy.Organized by: VCET ISA Students' Section under the guidance of Dr. Deepak Gawali

Seminar on Project Report Writing and Paper Presentation.Wednesday 27th January 2021, 10.30 am to 12 pm.Resource Person: Dr Ashish Choudhary, Dear Research, VCET. Organized by: Mrs Kanchan Sarmalkar, Project Incharge

ISA Orientation Program.Wednesday 27th January 2021, 2 pm to 4 pm. Resource Person: Trupti Mane Furia, Committee students. Organized by: VCET ISA Students' Section in collaboration with Alumni Association of Dept.

Seminar on Preparing for Campus Recruitment. Thursday 28th January 2021, 9.30 am to 11 am. Resource Person: Abhishek Singh, Pritesh Hariyan (Alumnus).Organized by: VCET ISA Students' Section.

Virtual Industry Tour Thursday 28th January 2021, 11 pm to 1 pm. Resource Person: Mr. Sanjay Shah, Director, Perigrinet Technologies.Organized by: Mr Prafulla Patil

Digital Marketing + Effective use of LinkedIn Profile + Career after BE Friday 29th January 2021, 2 pm to 4 pm Resource Person: Mrs. Jaanvi Hotvani, Marketing Chair, ISA Maharashtra Section. Organized by: VCET ISA Students' Section



Allagi

Transformation of Minds



Digitalisation in manufacturing Industry Saturday 30th January 2021, 10 am to 11.30 pm Resource Person: Mr. Lalit Bangera, Process design Specialist, Siemens Pvt Ltd, Singapore Organized by: VCET ISA Students' Section under the guidance of Dr. Deepak Gawali

Prof. Kanchan Sarmalkar organized Virtual Industry Tour on Friday 5th February 2021 and resource person was Mr. Madhusudan Bang, Ratna Electronics Services

Prof. Deepti Patne organized on-line seminar by Mr. Hemant Patil (Asst. Engg C&I 500x2 Chandrapur Super Thermal Power Plant) for TE & BE students on 03/03/2021.

Prof. Deepti Patne organized on-line seminar on "Control Valve and its application" on 05/03/2020 for TE instrumentation Students by Mr. Rajesh Shah (Proprietor in a Nice Consultancy).

Prof. Kanchan Sarmalkar organized on-line seminar on "Job Opportunities in Oil and Natural Gas Corporation Limited (ONGC)" by Mr. Rajan Pawar, from ONGC on

19/03/2021 at 2 pm for SE, TE & BE Instrumentation Engineering students. Mr. Rajan Pawar is our alumni from 2014 batch.

Prof. Kanchan Sarmalkar organized on-line seminar on "Higher studies & career opportunities after graduation" by Ms. Gauri Samel from Hourglass Research on 20th March 2021 at 11.30 am for SE, TE & BE Instrumentation Engineering students. Ms. Gauri Samel is our alumni from 2010 batch.

Prof. Kanchan Sarmalkar organized online seminar on "How to prepare for Intercollegiate Project Competitions" By Mr. Kamlesh Lohar, Ms. Ruth George and Mr. Gaurav Pawar on 24th March.

Prof. Trupti Furia organized Functional Safety Free Online Industrial Training in association with Krohne company for final year students on 9th and 10th April.

Prof. Trupti Furia organized under the head of VCET ISA Students' Chapter an online workshop on "Simulation of Arduino based Hardware and Software Systems" on 24th April 2021

Prof. Mugdha Salvi along other department staff members organized one week Student Development Program (SDP), "Documentation & Execution of Instrumentation Projects" for the final year Instrumentation Engineering students from 13th to 17th of April 2021. The speaker is Mr. Rajesh Shah, proprietor of Raj Engineering Consultant.

Prof. Kanchan Sarmalkar organized on-line seminar on "Control Panel & Control room Design" by Mr. Atul Sawant, Manager Instrument, from RCF Chembur on 12th May 2021 at 11.30 am for BE Instrumentation Engineering students under Instrument & System Design subject. This seminar would help students to update their knowledge about control room and control panel design.

Prof. Trupti Furia and VCET ISA Students' Chapter organized a seminar on "Scope of Instrumentation" on 15th May 2021 for the students of FE and SE Instrumentation. The session would be engaged by Mr. Shantanu Kelkar, who is our alumni and working in Honeywell India, Pune.

Dr. Deepak Gawali participated in a one day online workshop titled "Excel at MS Excel for effective organization of Quantitative Metrics data of NAAC" organized by Vidyalankar Institute of Technology, Mumbai on 15th May 2021.

Prof. Trupti Furia organized an expert lecture for the subject of Functional Safety (VIII Sem) on 17th May 2021. The session would be engaged by Mr. Ajinkya Patil, who is alumni of the VCET and working as Safety Engineer in TUV Nord.

Prof. Vishal Pande, Co-ordinator, COEP Virtual Lab organized a Workshop on "How to register for COEP Virtual lab and perform practical" on 26th May 2021 from 10:00 am to 12:00 pm for all FE Students. The resource person for the same is Mrs. Sneha Mhatre, Asst. Professor, Department of Computer Engineering.



Allagi

Transformation of Minds



SEM-3 Toppers:

Sr. No	Name	Pointer
1	Shraddha Mestry	9.88
2	Tejal Pednekar	9.88
3	Riya Raut	9.88
4	Peeyush Chourasiya	9.5
5	Adarsh Ottupurath	9.38
6	Ankita Bhosale	9.38
7	Mayuresh Kadam	9.38

SEM-5 Toppers:

Sr. No	Name	Pointer
1	Shivang Prabhu	9.54
2	Snehal Kulabkar	9.54
3	Akshada Dhonde	9.35
4	Faryar Memon	9.27

SEM-7 Toppers:

Sr. No	Name	Pointer
1	Pinak Bhandarkar	10
2	Tanvi Dalvi	10
3	Srushti Sakpal	10
4	Vindisha Gharat	10
5	Aditi Shirke	10
6	Nikita Kasare	10
7	Haripriya Ramisetty	10
8	Nehal Warang	10
9	Sumit Jadhav	9.85
10	Ashwini Kadam	9.85
11	Piyusha Rane	9.85
12	Karishma Shenoy	9.85
13	Bhaves Nagvekar	9.77

Dr. Deepak Gawali
(Ph.D. IIT Bombay)
HOD
Instrumentation Engineering



Allagi

Transformation of Minds



Department of Information Technology

The entire academic year of 2020-21 has gone under the shadow of Covid-19 pandemic. There was no physical presence of the students on campus, and entire teaching-learning process was online. This gave rise to new challenges for both faculties and students. However, the staff and the students of IT Department took this challenge head-on and proved that nothing can stop them when there is a will to go forward. On behalf of them, I herewith present the activities and achievements of staff and students, which brought laurels to the Department and the Institute.

Faculty & Staff:

Faculty Achievements:

Prof. Archana Ekbote successfully completed her PhD from Dr. Babasaheb Ambedkar Marathwada University on 18th June 2021.

Prof. Yogesh Pingle and Prof. Swati Varma successfully qualified MU-PET exam.

Responsibilities Held:

Dr. Ashish Vanmali held following responsibilities:

- CDC Member (Teaching)

Dr. Archana Ekbote held following responsibilities:

- PR Team Head
- ILOC Coordinator

Dr. Madhavi Waghmare held following responsibilities:

- Chairman, Anti Ragging Committee
- Head, Digital Marketing Committee
- Chairman, Anti Ragging Committee

Prof. Vaishali Shirsath held following responsibilities:

- SC/ST Committee Member
- IPR Cell Member
- Data Management Committee Member

Prof. Sainath Patil held following responsibilities:

- CDC Member (Teaching)
- Coordinator, IIT Bombay Remote Center

Prof. Anagha Patil held following responsibilities:

- Coordinator, VCET Data Management Committee (VDM)
- Library Committee Member
- ICC Committee Member

Prof. Anagha Patil held following responsibilities:

- College Admission Committee Member
- In-charge, Departmental Magazine and Newsletter
- In-charge, Departmental Proctor
- IPR Cell Member

Prof. Yogesh Pingle held following responsibilities:

- Technical Head, Website
- Technical Head, Online Exam Cell
- In-charge, German Club
- IIC Committee Member
- Coordinator, Digital Marketing Committee

Prof. Maryam Jawadwala held following responsibilities:

- Minority Committee Member
- IIC Committee Member
- Departmental ERP Coordinator

Prof. Swati Varma held following responsibilities:

- In-charge, Literati Committee
- Coordinator, Hackathon
- Branch Counsellor, CSI



Paper published/presented/accepted in Journals and National/International Conferences:

Dr. Archana Ekbote's paper "Cloud based ERP Adoption in Educational Institutes" is published at SSRN-Elsevier Online Conference Publication Portal for 4th International Conference on Advances in Science and Technology (ICAST) - 2021.

Dr. Madhavi Waghmare's paper "IoT- based Pocket Nutrition Monitor" is published in INDIACOM 21 - Computing for Sustainable Global Development.

Prof. Maryam Jawadwala's paper "End to End Route Guidance" is published in International Journal of Engineering Research & Technology (IJERT), Volume 10, Issue 3, March – 2021.

Books Published:

Prof. Anagha Patil co-authored following books:

- Data Structures and Analysis (ITC302 Information Technology – University of Mumbai) (ISBN 978-93-90437-42-9) for Nirali Prakashan

- Data Structures (CSC303 Computer Engineering – University of Mumbai) (ISBN 978-93-90437-47-4) for Nirali Prakashan

- Computer Networks and Network Design (ITC402 Information Technology – University of Mumbai) (ISBN 978-93-54511-46-2) for Nirali Prakashan

- Operating System (ITC403 Information Technology – University of Mumbai) (ISBN 978-93-54511-41-7) for Nirali Prakashan

Prof. Yogesh Pingle co-authored following book:

- Database Management System (ITC303 Information Technology – University of Mumbai) (ISBN 978-93-90437-43-6) for Nirali Prakashan

Prof. Swati Varma co-authored following book:

- Software Engineering (3150711 Computer Engineering – Gujrat Technical University) (ISBN 978-93-90437-42-9) for Tech-Neo Publications

Syllabus Setting Committee of University of Mumbai:

Dr. Ashish Vanmali (ELC502: Digital Signal Processing, Electronics Branch)

Prof. Chandan Kolvankar (ITC501: Internet Programming, ITL501: IP Lab, IT Branch)

Prof. Vaishali Shirsath (ITC602: Web X.0, ITDO6011: Software Architecture, IT Branch and HXXC801: Decentralized Finance, Honors Degree in Blockchain)

Prof. Yogesh Pingle (CSDO601: Internet of Things, COMP Branch and HXXC801: Industrial Internet of Things, Honors Degree of IoT)

Resource Speaker:

Prof. Chandan Kolvankar conducted sessions on

"ReactNative" and "Express.js" for Two weeks ISTE approved Online STTP on "Internet Programming: The Full Stack Approach" from 14th June – 25th June 2021.

Dr. Madhavi Waghmare conducted sessions on

"Computational Neural Network" during Student Development Program on "Python for Data Science" at VCET.

"XR Design and Development" on 29th April 2021 at VCET.

"Microprocessor 8085" on 30th April 2021 at VCET.

Prof. Sainath Patil conducted sessions on "Introduction to Internet Programming" for Two weeks ISTE approved Online STTP on "Internet Programming: The Full Stack Approach" from 14th June – 25th June 2021.

Prof. Anagha Patil conducted sessions on

"Express.js" for Two weeks ISTE approved Online STTP on "Internet Programming: The Full Stack Approach" from 14th June – 25th June 2021.



“Data Mining” during Student Development Program on “Python for Data Science” at VCET.

Prof. Yogesh Pingle conducted sessions on

“Basics of IoT, Arduino Programming Raspberry Pi” on 3rd Nov. 2020 in AICTE-ISTE Sponsored Refresher program on “Developing Secure IoT Applications” from 2nd Nov. 2020 to 7th Nov. 2020 organized by Shah and Anchor Kutchhi Engineering College, Mumbai.

“Basics of IoT, Arduino Programming + Raspberry Pi” on 24th August 2020 in a 5 days AICTE-ATAL sponsored Virtual Faculty Development Program on “Recent Trends in IoT” from 24th to 28th August 2020, organized by Department of Computer Engineering at Ramrao Adik Institute of Technology (RAIT), Navi Mumbai.

“Future of IOT for business” at Aakar College of Management for Women during 10th and 11th July 2020.

“Basics of IoT, Arduino Programming Raspberry Pi” on 3rd Nov 2020 in AICTE-ISTE Sponsored Induction/Refresher Program in Online Mode titled “Internet of Things (IoT) Application” from 2nd Nov. 2020 to 7th Nov. 2020 organized by Abha Gaikwad - Patil College of Engineering, Nagpur.

“IoT Consideration and its application” at Pratibha College of Commerce on 23rd Jan. 2021.

“Music Therapy using IoT” in FE Induction Programme at VCET on 25th Jan. 2021.

“Dart Programming” during Student Development Program on “Technological Guideposts” at VCET on 27th Jan. 2021.

“React Programming” and “JSP & Servlet Programming” for Two weeks ISTE approved Online STTP on “Internet Programming: The Full Stack Approach” from 14th June – 25th June 2021.

Prof. Maryam Jawadwala conducted sessions on

“Numpy Array” during Student Development Program on “Python for Data Science”

Prof. Swati Varma conducted sessions on

“Introduction to Internet Programming” for Two weeks ISTE approved Online STTP on “Internet Programming: The Full Stack Approach” from 14th June – 25th June 2021.

Distinguished TCP Member/Reviewers:

Dr. Ashish Vanmali served as Distinguished Reviewer for 4th Biennial International Conference on Nascent Technologies in Engineering ICNTE - 2021, FCRIT, Navi Mumbai.

Prof. Archana Ekbote served as Distinguished Reviewer for IEEE Access.

Dr. Madhavi Waghmare served as Distinguished Reviewer for INDIACOM 21.

Prof. Anagha Patil served as TCP Member for INDIACOM 21.

Prof. Yogesh Pingle served as Session Chairperson for INDIACOM 21.

Prof. Yogesh Pingle served as Distinguished Reviewer for ICCICT-2021 organized by SPIT, Mumbai.

Courses Attended:

Dr. Ashish Vanmali, Prof. Chandan Kolvankar, Prof. Archana Ekbote, Dr. Madhavi Waghmare, Prof. Vaishali Shirsath, Prof. Sainath Patil, Prof. Anagha Patil, Prof. Bharati Gondhalekar, Prof. Yogesh Pingle, Prof. Maryam Jawadwala, Prof. Swati Varma, Prof. Dhanashree Raut, Mr. Nitin Shingane, Mrs. Harita Raut, Mrs. Komal Shringarpure attended Two weeks Online ISTE-approved STTP on “Internet Programming: The Full Stack Approach” from 14th to 25th June 2021 conducted by Department of Information Technology, VCET, Vasai.

Dr. Ashish Vanmali attended 30-Hrs Online Training on “Applied Deep Learning & Computer Vision on Image & Video Analysis” from 1st June to 15th June 2021 conducted by EduXLab in association with E-Cell IIT Hyderabad.



Allagi

Transformation of Minds



Prof. Archana Ekbote and Dr. Madhavi Waghmare attended FDP on “Trends in Machine learning & Data Science” from 28th to 30th June 2021.

Dr. Madhavi Waghmare and Mr. Nitin Shingane attended FDP on “Web Development Using Wordpress” organized by IIT Kanpur, 14th to 19th June 2021 (Timing 5 to 7 pm).

Prof. Yogesh Pingle attended Professional Training Programme on “Full stack development using MERN” by Bvicam and Brain Mentors Pvt. Ltd. from 8th Aug. to 12th Sept. 2020.

Prof. Yogesh Pingle attended 5 Days Corporate Training Programme on “Quality Management, Six Sigma, Machine Learning and Artificial Intelligence” by L & T, Madh Campus, Malad.

Prof. Yogesh Pingle attended Professional Training Programme on “Mobile App Development using Flutter” by Bvicam and Brain Mentors Pvt. Ltd. from 26th Sept. to 8th Nov. 2020.

Prof. Yogesh Pingle attended One Week Capacity Building Workshop on “Outcome Based Educational(OBE) and NBA Accreditation Process” by BVICAM from 27th to 31st July 2020.

Student’s Achievements:

Vivek Singh (BE-IT) represented India in Team ATLAS for ASEAN-INDIA Hackathon 2021 and stoop Runner-up for the Problem Statement 7.

Team Radical comprising of Deepak Kharah, Dhruv Parekh, Kirtesh Suthar, Nitu Sharma, Pawan Sharma and Vivek Singh (all (BE-IT) won Smart India Hackathon 2020 for the Problem Statement SG434 (Data Storage and analytics with Dashboard).

Sahil Patil (SE-IT) won Kalakriti Short film Making Competition organized at Firande 5.0 by Symbiosis Institute of Business Management, Hyderabad.

Akanksha Singh (BE-IT) won Fastest Recitation of English Alphabet in Reverse Order (Z to A).

Rahul Gandhi, Sachin Kunder, Smit Master, Devdooth Maji, Ravi Lamkoti and Hitesh Shetty participated in Avishkar Research Convention: 2020-21.

Insha Mulla (SE-IT) participated in 4th National Engineering Olympiad.

Activities Conducted by the Department:

The Department organized Two weeks Online ISTE-approved STTP on “Internet Programming: The Full Stack Approach” from 14th to 25th June 2021. Total 60 participants across the University of Mumbai participated in the same.

On behalf of University of Mumbai, the Department conducted Faculty Orientation Program subjects for “ITC501: Internet Programming” and “ITL501:IP Lab” of revised Syllabus of Semester V, Rev-2019 ‘C’ Scheme. Total 71 participants across the University of Mumbai participated in the same.

VCET Hackathon 2021 was organized on 19th and 20th March 2021 in virtual mode. Total 39 teams across the India participated in the same.

C3 committee organized 8 hours “Virtual Coding Competition” on 13th May 2021. The competition was conducted on HackerRank platform. Total 200 students of SE and TE of different branches participated in the competition.

The Department launched online seminars series “TechTalks” in Sept. 2020. Total 8 videos of from Industry experts, Alumni and Faculties are posted so far with viewership of more than 1,600.

The Department conducted SDP on “Technological Guideposts” in Jan. 2021. Total 67 students completed the SDP successfully.

The Department conducted SDP on “PYTHON for Data Science” in July 2020. Total 47 students completed the SDP successfully.



Seminar on “XR design Process” and “8085 Microprocessor” were conducted on 29th and 30th April 2021 as a part of Content beyond Syllabus.

Guest lecture on "Overview of Networking concepts in virtualization" was organized on 24th April 2021.

Guest lecture on “How to draw Gantt chart using MSP” was organized on 7th April 2021.

Webinar on “Data Science using MATLAB” was organized on 9th March 2021 by CSI Committee.

Webinar on “Blockchain” was organized on 27th Feb. 2021 by CSI Committee.

Alumni talk “Hangout with the Alumni” was conducted on 6th Feb. 2021.

Placement Record:

Company	No. of offers received	No. of students placed
TCS	21	36*
Infosys	12	
Contentstack	2	
Evolutionary Systems Pvt Ltd (Evosys)	2	
GetVantage	1	
Hexaware	1	
Cloud Fronts	1	
LTI	2	
Merce technology pvt.Ltd	1	
Raw Engineering	2	
Square yards	1	
Accenture	1	
Thinkitive Technologies Pvt. Ltd.	1	
Zeus Learning	4	
Total	52	

Till 30th June 2021

Students' performance in competitive exams:

Name of the student	Exam	Score
Aarti Nayak	GRE	309/340
Aarti Nayak	IELTS	7.5

Academic Results: 2019-20

B.E. Departmental Result: 100%

Rank	Name of the Students	SGPI
1	Gosaliya Shreyans Girish	9.47
1	Suvarna Kritika Sudhakar	9.47
2	Chandrana Dhairya	9.39
3	Kotadia Raj	9.33
4	Rajpurohit Akash Bhawarlal	9.29
5	Thethi Jaspreetkaur	9.14

T.E. Departmental Result: 84.62%

Rank	Name of the Students	SGPI
1	Bangar Saloni	9.77
2	Maji Devdoot	9.62
3	Sawant Shweta	9.48
4	Singh Vivek	9.48
5	Shenoy Kritika	9.43

S.E. Departmental Result: 100%

Rank	Name of the Students	SGPI
1	Madhvani Soham	9.5
2	Khator Dhruv	9.3
3	Pandya Harsh	9.1
4	Bari Ruchi	8.8
5	Deorukhkar Jayesh	8.8

Dr. Ashish V. Vanmali
HOD, IT



Allagi

Transformation of Minds



Department of Mechanical Engineering

It gives me an immense pleasure and honor to present the annual report of Department of Mechanical Engineering for the academic year 2020-21. During the pandemic situation also departments has taken keen efforts to upgrade the knowledge of students through conducting various guest lectures, seminars, online industrial visits and other activities. The details of activities and achievements for A.Y. 2020-21 of Mechanical Engineering Department are as summarized as below:

Faculty Contribution:

Mr Swapnil Mane Secured Second Prize at the AVISHKAR Research Convention of University of Mumbai held on 1st June 2021

Dr. Umesh Mane conducted Expert's session on CAD/CAM for Third Year students of "VDF's School of Engineering and Technology, Latur.

Mr. Vishwas Palve conducted Online Skill development Workshop on AUTOCAD at Vidyarthi Utkarsh Mandal, Mumbai.

Mr Swapnil Mane successfully completed the "Green Ecological Movement- Certified Professional" Exam (GEM-CP) conducted by ASSOCHAM. The Exam enables oneself to certify buildings as Green Building

Industrial Consultancy:

Dr. Ashish Chaudhari, Mr. V. D. Patel did consultancy for M/s. Achievo Engineering Components Pvt. Ltd., Vasai on project titled "Rubber couplings testing for compression on UTM".

Dr. Ashish Chaudhari, Mr. V. D. Patel did consultancy for M/s. Synergy Water Park Rides Pvt. Ltd., Vasai on project titled "FRP sheet testing for tensile stress and transverse stress".

Mr Swapnil Mane and Mr Vishwas Palve conducted a Water Audit for M/s D'lecta Foods Pvt. Ltd, Khopoli M/s Guardian Steel and M/s Sunshine Paptech Pvt. Ltd, Wada as a part of consultancy work for M/s A.R.S Energy Auditors, Mumbai.

Paper Publications/Conference attended:

Chaudhari A.J., Rai S., Sant V., Shah A., and Patel V.D., "Experimental Evaluation of Vortex Tube Type Jet Wind Turbine Performance," 8th International and 47th National Conference on Fluid Mechanics and Fluid Power (FMFP), IIT Guwahati, Guwahati-781039, Assam, India December 09-11, 2020

Lohar S.R., Patil V., Save S. and Thakur R., "Design and Analysis of independent suspension system of FSAE vehicle," International Conference on Recent Advances in Manufacturing (RAM-2021), SVNIT Surat, India, 10-12 June 2021

Lohar S.R., Wattamwar P., Paliwal V., Rajendran S. and Rana S., "Optimization of power and torque with lower exhaust noise for FSAE vehicle," International Conference on Intelligent Robotics and Automation Systems (IRMAS 2021), VIT Vellore, India, 26-27 March 2021

Mr Swapnil Mane, "Investigation of Performance Parameters Affecting the Efficiency of Solar Water Heater: A Review," IOP Conference series of Material Science, 2021

FDP's and STTP attended:

Dr. Uday Aswalekar, Mr Swapnil Mane, Mr. Rishabh Melwanki, Ms. Apurva Pendbha-je, Mr. Parag Sarode completed AICTE – AQIS sponsored Online Four Weeks STTP on "Recent Trends in Energy Management and Audit" at RGIT from 2 Nov-19 Dec 2020.

Mr. Tushar Raut completed one week ISTE approved STTP on Advances in Mechanical Engineering at Babasaheb Naik COE, Pusad from 27th Jul-31st July 2020.

Ms. Madhumitta Dutta, Mr. Sanjay Lohar, Mr. Tushar Raut completed one week AICTE AQIS approved STTP on Advances in Additive manufacturing at Yashwant Rao Chavan COE, Nagpur from 21st Sept-26th Sept 2020.



Allagi

Transformation of Minds



Dr. Ashish Chaudhari, Mr. Vinay Patel, Mr. Raahul Krishna completed one week AICTE ATAL FDP on Online TEACHING AND Learning technologies at MNNIT Allahabad from 17th Aug-21st Aug 2020.

Mr. Dipak J. Chaudhari completed one week AICTE ATAL FDP on Electric Vehicles at FcRIT, Vashi from 2nd Nov – 6th Nov 2020.

Mr. Raahul Krishna, Ms. Apurva Pendbhaje, Ms. Priti Vairagi completed one week AICTE ATAL FDP on Blended Learning and Flipped classroom at SVNIT Surat from 10th Aug-14th Aug 2020.

Mr. Tushar Raut, Mr. Parag Sarode completed one week ATAL FDP on Advancement in 3D printing and its future scope at Symbiosis Institute of Technology from 8th Dec-12th Dec 2020.

Ms. Madhumita R. Dutta completed one week AICTE ATAL FDP on Design Thinking at VJTI Mumbai from 30th Sept-4th Oct 2020.

Mr. Swapnil Mane completed one week AICTE ATAL FDP on Energy Engineering at Netaji Subhash University of Tech from 5th Oct – 9th Oct 2020.

Mr. Swapnil Mane completed one week AICTE ATAL FDP on Green Technology and Sustainable Engineering at DBATU, Lonere from 19th Oct – 23rd Oct 2020.

Mr. Mukund Kavekar completed one week AICTE ATAL FDP on Design Thinking at Muthayammal Engineering College from 21st Sept-25th Sept 2020.

Mr. Mukund Kavekar completed one week AICTE ATAL FDP on Alternate Fuels at Saheb Bhagat Singh State Technical Campus from 7th Sept-11th Sept 2020.

Mr. Kamlesh Bachkar completed one week AICTE – ATAL FDP on Data Science at Meerut Institute of Eng. And Tech. from 1st Dec-5th Dec 2020.

Mr. Kamlesh Bachkar completed one week AICTE – ATAL FDP on Robotics at RAIT, Navi Mumbai from 14th Dec-18th Dec 2020.

Mr. Vishwas Palve completed one week AICTE – ATAL FDP on Alternate Fuels at Christian College of Engineering & Technology from 7th Sept-11th Sept 2020.

Mr. Vishwas Palve completed one week AICTE – ATAL FDP on Immersive Virtual Reality at Defence Institute of Advanced Technology (DIAT) from 5th May-9th May 2020.

Ms. Apurva Pendbhaje completed one week ISTE approved FDP on “Outcome Based Education: Critical Issues and Solution (A Case Study Approach)” from 30th Nov- 5th Dec 2020

Mr. Umesh Mane completed one week AICTE sponsored FDP on " Bridging the gap between Mechanical Industry Practices & Mechanical Engineering Curricula" in YCCOE.

Mr Swapnil Mane represented as an external participant in One Day Online National Symposium on Technology Vision 2035: An Educational Perspective organised by TCET, Mumbai on 26/06/2021.

Mr Swapnil Mane attended ISTE Approved Online/SF-STTP/FDP on Doctoral Research Induction Programme organised by RMCEM Amravati from 20/07/2020 to 30/07/2020

Mr. Parag Sarode completed one week AICTE ATAL FDP on “Blended Learning and Flipped Classroom” organised by SVNIT, Surat from 10/08/2020 to 14/08/2020.

Mr. Parag Sarode attended AICTE sponsored STTP on “Current and future trends of advances in Material Sciences & Technology” organised by Sarvodaya College of Engineering & Technology, Nagpur from 26/10/2020 to 31/10/2020.

Mr. Parag Sarode attended AICTE sponsored online STTP on “Current Biomedical Application of 3D Printing and Additive Manufacturing” organised by G. H. Raisoni College of Engineering, Nagpur



Allagi

Transformation of Minds



NPTEL/Coursera Courses:

Mr. Rishabh Melwanki completed NPTEL online certification 12 week course on “Heat Exchangers: Fundamentals and Design Analysis” Sept-Dec 2020 with Elite+Gold certificate and being topper in the course.

Mr. Swapnil Mane completed NPTEL online certification 12 week course on “Energy Economic and Policy” dated July-Dec 2020 with Elite certification.

Mr. Parag Sarode completed NPTEL online certification 12 week course on “Intro. To mechanical vibration” July-Dec 2020.

Mr. Sanjay Lohar completed Coursera course on “Mastering Digital Twins” on 01-05 May 2021.

Ms. Apurva Pendbhaje completed four courses, 8 weeks each from National Initiative for Technical Teachers Training (Nittt-2021)

Expert Lectures organized:

Dr. Uday Aswalekar, Mr. Sanjay Lohar organized “Application based Industrial Materials and Process Selection” which was presented by Mr. Anand Bhise, Director M/s MECHATOL Engg. Solutions, Pune on 23rd April 2021.

Dr. Uday Aswalekar organized “Power transmission and Manufacturing of Gears” which was presented by Dr Deepak Sonawane, Associate Professor, SSVPM Dhule on 27th April 2021.

Mr. Mukund Kavekar organized “Lean Manufacturing System- An overview” which was presented by Dr. Viraj Atre, Senior Technical Trainer Faculty at Unique Skill Development Center (USDC) on 19th April 2021.

Dr. Umeshchandra Mane organized “3D Printing Software Development” which was presented by Mr. Dhananjay Kulkarni, Software Developer, Siemens Limited, Pune on 21st March 2021.

Mr. Rishabh Melwanki organized “Basics of AHU and career guidance in HVAC” which was presented by Ms. Krisha Dhamecha, Sales Engineer, Citizen Industries Ltd, Daikin group, Mumbai on 20th March 2021.

Mr. Vishwas Palve organized “Overview of Environmental Health and Safety” which was presented by Mr. Milind Tandel, Deputy Manager Mahindra & Mahindra Ltd on 24th March 2021.

Mr. Vishwas Palve organized “Overview of Environmental Health and Safety” which was presented by Mr. Milind Tandel, Deputy Manager Mahindra & Mahindra Ltd on 24th March 2021.

Dr. Ashish Chaudhari and Mr. Kamlesh Bachkar organized “Hands On workshop on CFD and Its application” which was presented by Dr. Ravindra Jilte, Professor., Lovely Professional University, Jalandar on 16th March 2021.

Dr. Ashish Chaudhari and Mr. Parag Sarode organized “Expert session on Productivity and testing of farm equipments” which was presented by Mr. Pramod Ekbote, Associate Vice President Business, Kirloskar Oil Engines Pvt. Ltd., Pune on 13th April 2021.

Mr. Kamlesh Bachkar organized “Industrial Automation on Process Industries” which was presented by Mr. Hemant Isai, Director, Genesis Engineering Solution on 13th May 2021.

Mr. Vinay Patel organized “Thermal Power Plant and Environmental Issues - Need for Sustainable Development and Project Management” which was presented by Mr. Kekan Swapnil, Relationship Manager, ICICI Bank, Mumbai- BKC on 16th May 2021.

Mr. Mukund Kavekar organized “Industrial Applications and Methodology of Non Destructive Testing” which was presented by Mr. Yash Jain, NDT engineer at ANDT on 25th May 2021.

Mr. Mukund Kavekar organized “Quality management system - An Overview” which was presented by Mr. Ashish Choudhari, Works Manager (Nevatia Steel and Alloys Pvt. Ltd.) on 2nd Jan 2021.



Mr. Parag Sarode and Dr. Ashish Chaudhari organized “Mechanical Design Process in Industries” which was presented by Mr. Amol Taur, Mechanical Design Engineer, Pawan Precision, Aurangabad on 16th May 2021.

Mr. Dipak J Choudhari organized “Power plant safety and compliance practices” which was presented by Mr. Amish Brahmabhatt, Sales and application engineer, John Zink Hamworthy Combustion, Mumbai on 8th May 2021.

Dr. Ashish J. Chaudhari organized “CATIA V5 Automotive design software and industrial application” which was presented by Mr. Mahesh M. Chaudhari Design Engineer, International Automotive Components India Pvt. Ltd. Pune on 21st Nov 2020.

Mr. Raahul Krishna organized “Combustion of Reactive Mixtures” which was presented by Mr. Rohitbabu Nalwala, Assistant Professor, Dept. of Chemical Engg, GIT, Lavel on 23rd April 2021.

Mr. Ganesh Wahile organized “Industrial Automation” which was presented by Mr. Samadhan Gadade Director and CEO Accuon Project & Solution on 7th May 2021.

Mr. Swapnil R Mane organized “Energy Audit of an Industry: A practical Approach” which was presented by Mr. Sachin Deshpande, Founder A.R.S. Energy Auditors Mumbai on 1st May 2021.

Mr. Tusharkumar Raut organized “Career and Scope in CAD/CAM Industry” which was presented by Mr. Prasad Ausekar, Senior Design Engineer, Verispring Engineering Solutions Private Ltd. Pune on 30th May 2021.

Mr Swapnil Mane organised Expert Lecture by Alumni (Mr. Yashwant Yogi) on Energy Management for Sustainable Lifestyle on 11th Sept 2020.

Mr Swapnil Mane organised Energy Conservation Week 2020: An Awareness Program for the citizen to use resources wisely which included expert lectures by Dr Amit Bhosale, IIT Roorkee and other eminent speakers. Bicycle rally to create awareness among citizens was the centre of attraction of this event.

Industrial Visit:

Due to COVID 19 pandemic, students were not able to visit ice plant and therefore virtual Ice factory visit was organized for TE students of Mechanical Engineering department. Mr. Rishabh Melwanki and Mr. Raahul Krishna visited on 01/03/2021 to ice plant for video shooting.

Student’s Achievements:

Campus Placements:

Company Name	Total No of Students Placed
Infosys	7
TCS	3
Square Yards	6
Prayas pen and Plastics	2
Arihant Group, Vasai	4
Ants Innovations Pvt Ltd	2
Jaro	1
Advanced Fluro Tubes	1
Fleetx Technologies Pvt Ltd	1
AASHIS PRODUCTS	1
SERENITY IDEAS LLP	4

Online internship

Department encourages the students to take up internship programs during their semester break. This year Department along with IIIC VCET has organized online internship for SE to BE students in the area of Geometrical Dimensioning and Tolerance, CFD and NX CAD from 28th June 2021 to 09th July 2021.



Aavishkar Projects (University Level Competition)

Winners of selection, round Level-UG, Category-Medical and Pharmacy

1. Vaishnavi R Patil, Abhishek Patil, Sarvesh Shinde, Pranay Nalawade participated with proposal titled “Development of 3D printing filament extruder by recycling disposable non-woven surgical face masks” under the guidance of Mr. Rishabh Melwanki.

2. Arekar Smita Avinash, Sawant Anuja Balkrishna, Swami Kaushalyarani S., Yadav Harshada Ravindra participated with proposal titled “Design & Manufacturing of Biodegradable Sanitary Napkin Making Compact Machine” under the guidance of Mr. Parag Sarode.

3. Rane Prathamesh Prakash, Rathod Nikhil Subhash, Ringe Arun Dagdu, Waghmare Shailesh Subhash participated with proposal titled “Automatic Wheelchair cum Bed” under the guidance of Ms. Madhumitta Dutta.

Students Other Achievements:

Team Airnova participated in Aerodominator 7.0 and scored rank 16 organized by VIT Velore (Virtual event) dated October 2 to 4, 2020.

Team Airnova participated in International Planetary Aerial Systems Challenge organized by Mars Society, South Asia Virtual event dated May 5, 2021.

Team ETHAN RACING secured All India 15 in Formula Bharat 2021 Combustion Event virtual event on 03 February 2021.

Rahul S. Patil of TE completed NPTEL online certification 12-week course on “Heat Transfer” dated July- Dec 2020 with ELITE certification.

Mrudal Dalvi of SE B completed NPTEL online certification 12-week course on “Robotics” dated July- Dec 2020 with ELITE certification.

Siddhant Kule completed NPTEL online certification 12-week course on “Computational Fluid Dynamics by Finite Volume Method” dated July- Dec 2020 with ELITE certification.

Yash S. Shikhare completed NPTEL online certification 12-week course on “Laws of thermodynamics” dated Jan- May 2021 with ELITE certification.

Aayush Chandat, Devesh Dhamecha, Jay Harsora, Ronak Joshi of BE B presented Design and Fabrication of Pipe and Rod Bending Machine in International Conference on recent trends & research in Engineering and Science (ICRTRES 2K21), organized by Padm. Dr. V. B. Kolte College of Engineering, Malkapur - held on 6th June 2021.

Chintan Patel of SE A submitted an innovative design of Air Conditioning System for an IT Company for better Indoor Air Quality under ISHRAE NSDC - 2020-21, ISHRAE Mumbai Chapter.

Shreyas Pai of SE A completed half-day workshop on “ADDITIVE MANUFACTURING FOR COMPETITIVENESS” (Online), organized and conducted by the Institute on 20th May, 2021.

VNPS 20-21

VNPS 2021 was organized on 14th May 2021 under the banner of VCET students’ chapter of ISHRAE and SAE. This year VNPS was categorized in Major project group and minor project group. In major project group there were total 45 project were participated whereas in minor project group category there were 22 groups participated. Experts from industry evaluated various projects and suggested modification for better improvements.

Dr. U.V. Aswalekar
HOD, (Mech. Engg.)



Allagi

Transformation of Minds



Students Council

Students' Council, one of the biggest committees of the college takes pride to share the memories it made this year. The year started with showing our gratitude towards our teachers. 5th September marks the Birth Anniversary of our former President and renowned teacher Dr. Sarwapalli Radhakrishnan. On this occasion Students' Council hosts Teacher's Day celebration-keeping up with tradition of VCET every year we celebrate the teachers with games and various activities. This year we couldn't, yet wanted to express our gratitude to our beloved teachers. We created a short video which consisted of various alumni's thanking the teaching and non-teaching staff. These students thanked the teachers for their guidance and support throughout their academic years and beyond. Each teaching and non-teaching staff was sent a personalized email with a card attached.

Welcoming the fresh faces of the year, an orientation was organized for the first-year students. Conducted via google meet, the freshers were informed about the various academic as well as cultural activities that the college hosts. The committees and teams they can join to enhance their skills and interests as well as explaining the rules and regulations of the college that they must abide by. The freshers were informed about the various events that the Students' Council hosts and the biggest annual cultural fest, Zeal. The events and competitions of Zeal as well as its grandeur was conveyed. A questionnaire session was held at the end by the final year students and helped clear their numerous doubts. To celebrate them, a Freshers' Meet was hosted on 30th March. A freshers' party is hosted every year to welcome and celebrate the first years. This year we wanted to create a fun and exciting atmosphere for them as well. Hosting the event on google meet, we kicked off the event with a performance by Sudin

Nair, an independent indie artist. He serenaded the freshers and uplifted their spirits. Welcoming the freshers with online games and social media hunt was a way to get to know each other and create a fun environment. The winners were then given a shoutout on Instagram. The winners of a talent hunt were announced as well.

The Students' Council then began preparing for the most anticipated cultural fest, that is ZEAL 2021. When it comes to cultural uplifting, Zeal is certainly one of the highlights of our college. This year, Zeal was held on the 6th, 7th, and 8th of May with the theme: Mumbai Lok-al. The main kicked off with a grand Inauguration ceremony, graced by the presence of our chief guest Dr. Ashwini Kodial. This year we honored the front line workers who have worked selflessly throughout the entire pandemic.

Zeal 2021- Mumbai Lok-al was the perfect blend of creativity, enthusiasm and euphoria that brought alive the magnificent campus of VCET. With everything shifting to an online platform, everyone had made sure to bring the essence of Zeal right at home. From brainstorming ideas to watching the live streams Zeal 2021 was an experience that every Students' Council member will never forget. All and all, the Student Council takes immense pride and gratitude for achieving everything that was planned for this year with great success and joy and with the support of our Council in-charge, Mrs. Sunayana Jadhav and the entire Council staff. The Students' Council hopes to do bigger and better events in the upcoming year provided the support of fellow students and staff. Thank you!



Allagi

Transformation of Minds



Zeal 2021 Winner List

1. Antakshari:

-Winners:

Apeksha Jain (BE-EXTC)
Brijesh Shukla (BE-EXTC)
Anushka Joshi (BE-EXTC)
Kaustubh Gokhale (BE-EXTC)

-Runner Up:

Umang Jain (BE-Civil)
Gurpreet Marwaha (BE-Civil)
Harshada Solkar (BE-Civil)
Darshan Mehta (BE-Civil)

-No. of Participants: 33

2. Mock The Voice:

-Winners:

Insha Mulla (SE – IT)
Divya Sakre (SE – IT)
Mrunmayi Patankar (SE – IT)

-No. of Participants: 3

3. Dumbcharades:

-Winners:

Reeya Shah (BE-IT)
Nikita Kasare (BE-INST)
Apeksha Jain (BE-EXTC)
Swaraj Singh (BE-IT)

-Runner Up:

Shubham Chaudhari (BE-Civil)
Anushree Vartak (BE-Comps)
Gayatri Shetty (BE-Comps)
Sarath Mohanan (BE-MECH)

-No. of Participants: 40

4. Facts and Furious:

-Winners:

Anirudh Kodial (BE-Comps)
Chinar Vartak (BE-Comps)
Maria Matthew (BE-Comps)

5. E-Sports:

-CS GO:

Winners:

Abdul Pitodia (BE-EXTC)
Mihir Poliwal (BE-COMPS)
Meet Thakkar (BE-COMPS)
Vandan Sawant (BE-COMPS)
Sagar Poojary (BE-COMPS)

Runner up:

Jayesh Sawant (BE-MECH)
Devdoot Maji (BE-MECH)
Vivek Ram (BE-MECH)
Amulya Saxsena (BE-MECH)
Mayank Mahajan (BE-MECH)

-Valorant:

Winners:

Anand Tiwari (TE-Comps)
Pushkar Save (TE-Comps)
Manav Kesarkar (TE-Comps)
Abhishek Amin (TE-INST)
Rohan Kamath
Tanishk Patil

Runner up:

Abhishek Dalvi (BE-INST)
Anish Dalvi
Sameer Kadam
Ankit Solanki (BE-INST)
Nikhil Deorukhkar (BE-
Chinar Vartak (BE-Comps)

CODM:

Winner:

Rishabh Maurya (FE-MECH)

Runner up:

Karan Naik (FE-CSE)

-No. of Participants:

Valorant: 13

CODM: 34

CS-GO: 4



Allagi

Transformation of Minds



Zeal 2021 Winner List

6. Solo Singing:

-Winner:

Aditya Patane (SE-MECH)

-Runner up:

Shamini Iyer (TE-EXTC)

-No. of Participants: 17

7. Duet Singing:

-Winner:

Vivek Prajapati (FE-AI&DS)
Naman Pandey

-Runner up:

Dhruv Patil (TE-MECH)
Sarath Mohanan (BE-MECH)

-No. of Participants: 3

8. Solo Dance:

-Winner:

Harsh Sawant (FE-IT)

- Runner up:

Riya Raut (TE-CIVIL)

-No. of Participants: 7

9. Instrumentals:

-Winner:

Dhruv Patil (TE – MECH)

-Runner up:

Shubhankar Bhattacharya
(FE-DS)

-No. of Participants: 6

10. Rangoli:

-Winner:

Shree Shah (SE-MECH)

11. Master Stroke:

-Winner:

Rohit Redekar (FE-COMPS)

- Runner up:

Omkar Jadhav (FE-IT)

-No. of Participants: 15

12. Photography:

-Winner

Shreya Malewade (SE-EXTC)

-No. of Participants: 33

Total Events: 12

Total Participants: 233



Allagi

Transformation of Minds



Sports Committee

It gives me great honour and pride to share my first journey as the In-charge of the Sports Committee. Sports are a crucial part of everyone's life for the growth, development of mental health and physical fitness of the body. Its key objective is to emphasize the unified approach of overall development of students. Sports are not always about winning. It is about fair play and believing in equality and justice. The committee manages and looks after the required sports equipment and upgrades the facility with new equipment annually.

In the odd semester, FE Orientation program is organized where a brief idea is given to them regarding the sports committee and their work along with an informal conversation to make students get familiar with their seniors and to get a proper idea about the college events and the working of the college. The grand annual sports festival AVAHAN is organised by VCET Sports Committee on intra as well as inter college level where many students participate with great enthusiasm.

So, coming to the annual sports festival AVAHAN, which is an inter college youth event, engulfed in sportsmanship, enthusiasm, and determination. AVAHAN is conducted every year, where we aim at culminating our sports celebration, into grandeur of enthusiasm and thrill, and participants showing their skills performing various strategies. In the wake of Covid-19 outbreak causing lack of endurance, the VCET Sports Committee, introduced AVAHAN 2021 on national level with two new virtual events: Virtual Marathon and Virtual Cyclothon. The theme for the virtual event was "**Tribute to Covid Warriors**" for acknowledging the sacrifice and determination of the Heroes for working tirelessly and selflessly for the nation.

The grand inauguration was enthralled by the presence of the Chief guest of honour, Mr.

Hardik Patil, Champion in Triathlon (IRONMAN of India). The first ever Virtual AVAHAN of our college was conducted from 31st March to 4th April, 2021. Despite several challenges that a virtual event comes with, AVAHAN 2021 witnessed an overwhelming response from 17 states summing up to 177 participants. Also, Virtual Marathon was classified as 3 km and 5km in fun run along with 11km and 21 km as elite run. Similarly, Virtual Cyclothon was classified in 5km and 11km as fun cycling along with 21km and 35km as elite cycling. The event wouldn't have been apprehended without the support of our respectful Management and honourable principal, Dr. Harish Vankudre. I also extend my heartfelt gratitude to all teaching and non-teaching staff and admin staff for their support throughout the year. I was gratified to the sponsors for their benignant support for the event. I was pleased that Fit India - <https://fitindia.gov.in/> was associated with AVAHAN 2021, as Fit India promotes and spreads awareness about physical activities through campaigns and such events and created this platform for all the citizens of India.

The committee has always worked with their hearts and soul and shall continue to do so for the coming years. I congratulate Samir Pol, the Sports Secretary for leading the entire team exceedingly well and wish the Sports committee for a more successful event next year.

To encapsulate it all, AVAHAN 2021, was a grand success and as always took the legacy one step ahead.

Mrs. Neha Gharat
Sports In-charge, VCET



Allagi

Transformation of Minds



Avahan 2021 Winner List

Virtual Marathon - Student - 11 kms:

Winner-

Mr. Adesh Padrat

1st Runner Up-

Mr. Suraj Giradkar

2nd Runner Up-

Mr. Rahul Sahni

Virtual Cyclothon - Open - 21 kms:

Winner-

Mr. Vedant Vartak

1st Runner Up-

Mr. Gladwin Menezes

2nd Runner Up-

Mr. Piyush Trivedi

Virtual Marathon - Open - 11 kms:

Winner-

Mr. Deepak Rajbhar

1st Runner Up-

Mr. Ajay Kumar Lal

2nd Runner Up-

Mr. Meet Unadkat

Virtual Cyclothon - Student - 35 kms:

Winner-

Mr. Kaustubh Gokhale

1st Runner Up-

Mr. Rutoo Pendse

2nd Runner Up-

Mr. Prince Chaudhary

Virtual Marathon - Student - 21 kms:

Winner-

Mr. Sanjay Tomar

1st Runner Up-

Mr. Yash Shiralkar

2nd Runner Up-

Mr. Suraj Giradkar

Virtual Cyclothon - Open - 35 kms:

Winner-

Mr. Vedant Vartak

1st Runner Up-

Mr. Aniket Raikar

2nd Runner Up-

Mr. Kaustubh Faujdar

Virtual Marathon - Open - 21 kms:

Winner-

Mr. Balabhima Kulkarni

1st Runner Up-

Mr. Jignesh Mistry

2nd Runner Up-

Mr. Mayur Salgaonkar

Virtual Cyclothon - Student - 21 kms:

Winner-

Mr. Vedant Vartak

1st Runner Up-

Mr. Saleel Churi

2nd Runner Up

Mr. Amlan Nayak



Allagi

Transformation of Minds



Literati

The Literati Club is an exemplary committee, it caters to the needs of students with creative thinking, reading and writing abilities. The committee is dedicated to skilful and diligent individuals. Every year the committee organizes various events, in the wake of the Covid-19, all events were held online. Over the course of academic year 2020-21, with everything virtual the committee did their utmost best in promoting and conducting literary events.

The very first event of Literati Club was "Marathi Bhasha Diwas", the staff event was a great kick start for the committee. The staff members thoroughly enjoyed the event as it brought a change to the monotonous routine. To promote prompt speaking and build confidence of the students, the committee organized "Extempore", this event was streamed live on YouTube. The event was a success and it received admiration from participants and the audience. The Literati Club's most awaited and fun event was

"Lit fest" wherein students showcase all creative abilities through their writings. Lit Fest consisted of various events namely Writing prompts, Look into the book, Dialogue writing, Choose your anime and Lit quiz. The events were a great way to promote group harmony and to elevate their knowledge. The ingenuity of the participants was reflected in this competition. Behind the success of all these events was a dedicated team.

The virtual year was a success for the Literati Club, the committee is obliged to the Principal, Professors and the Students. The Literati Club will continue to foster ingenious minds and will allow them to showcase their creativity.

Shivani Kamble & Shreya Malewade

TE EXT C

English Sub-Editor

NSS

Not all of us can do great things, but we can do small things with great love is what Mother Teresa quotes. NSS was formed on Gandhiji's Birth Centenary in 1969 with an aim to inculcate social welfare among students and to provide service to society without any bias. It has always aimed to promote social issues like cleanliness, hygiene as well as a sense of responsibility among the students by being generous and kind to the poor people by contributing our full potential to help them to enrich their lives. NSS Volunteers works to ensure that everyone who is needy gets help to enhance their standard of living and lead a life of dignity. It gives me immense pleasure to

our Annual Report on the activities of NSS Unit, VCET College during the academic year 2020-2021. Everyone knows the year 2020 has been a tough year for all of us as the Coronavirus pandemic has disrupted lives all around the world. Even in this pandemic situation our main motto was to help people in every possible way. Since NSS couldn't reach out to vulnerable people physically, we changed our ways of approaching and sensitising by spreading awareness through our social media platforms. NSS started multiple campaigns to educate, normalise and help different people.



Allagi

Transformation of Minds



Just as every year, to enhance the feeling of patriotism and pride among all of us we celebrated the '75th Independence Day' with great enthusiasm and patriotism by organising a Departmental Elocution Competition. The main objective of this event was to pay respect for the freedom fighters who had sacrificed their lives selflessly for the freedom of the country. Further illuminating the importance of Ganesh Chaturthi which is one of the most prominent festivals which is celebrated with great feeling of enthusiasm and splendour. A Webinar was conducted by the NSS Committee on the precautions to be taken of Covid 19 during celebration of Ganesh Festival. Our Speaker for this event was “Mr. Shubham Pandey” who addressed us about the rules and regulations where the Ganesh Idols should not be more than 4 feet. He guided us to maintain social distancing during this Covid pandemic.

With the same liveliness and eagerness NSS had organised Poster making Competition as well as Quiz Competition for the students which was held virtually. Students displayed their artistic skills through Painting and sketches. It was a great opportunity to watch the students creating and displaying their wonderful ideas. The main motto to conduct quiz competitions was to create the need of awareness among the students regarding Road Safety, Constitution Day and World Aids day. The winners for the poster making as well as quiz competition were acknowledged for their outstanding performances. We also conducted the most remarkable Departmental Elocution Competition 'RAISE YOUR VOICE'. This event was conducted virtually through Google meet and live streamed online on YouTube for the audience to watch. The speakers from different departments expressed their ideas on different topics. The theme for this event was

‘Civil Sense: Vehicle Parking’ & ‘Constitutional Morality Vs Public Morality’ which created an excitement among the students to voluntarily participate and to make this event an unforgettable one. The NSS Committee had participated in tree plantation with great diligence and zest. This year due to the ongoing pandemic, volunteers planted saplings in their respective locality to raise awareness and consciousness among the people.

Blood donation is conducted throughout the world in case a person needs an adequate amount of blood to live on which also saves millions of lives a year. So our NSS team took an initiative to conduct a BLOOD DONATION SURVEY keeping in view the current situation. Covid-19 has pushed certain requirements of plasma donation, for which we circulated a Blood Donation survey Google form to collect details of people who are willing to donate blood. NSS Committee conducted a social awareness video campaign on ‘DO’s & Don’ts for vaccination during pandemic on the 27th April 2021. NSS Committee organized Mother’s day celebration on 9th May 2021 virtually through Google meet by reminding the students about the importance of mothers in each & everyone’s life. Last but not the least was the Meditation and Yoga session which was held from 1st to 10th May 2021. Since Lockdown broke most of us and our mental health as well. NSS stands with positivity and started with its #10 Day Yoga session and warm up exercises.

Every new academic year NSS Committee has brought new suggestions and ideas that have been accomplished successfully by the NSS COMMITTEE. It gives me a great privilege to tell that this amazing journey of NSS wouldn’t have been possible without all the Committee members who have bestowed their



Allagi

Transformation of Minds



invaluable time and persevering efforts for the successful outcome of all the events. At this special moment, I would like to express my honest gratitude to Dr. Pradip Gulbhile Sir who ensured that Committee grows beyond the expectations. I would like to utilize this moment to thank Principal sir Dr. Harish

Vankudre and other staff members who have been a great epitome of strength and a great pillar of support to all of us. I would end by wishing the Committee my best regards for the future journey.

Training & Placement

The T&P Committee at Vidyavardhini's college of Engineering and Technology is a body which is responsible for carrying out all placements related activities. We are a team of highly dedicated students and faculties who work for a common goal of obtaining the desired placement offers for the students in terms of both profiles and organizations to work with. The Placement Committee looks into tasks like student skills development, soft skills training, student's skills-job mapping and placement related event organizing. Apart from these tasks, we also conduct mock group discussions and interviews which equip the students to face the placement interviews and be industry ready. We the Placement Committee also play an important role in developing and sustaining a long term mutually beneficial relationship with the industry.

Accordingly, for the academic year 2020-21, we conducted following trainings and Seminars for the students

● **Divyanshu gupta (BE-IT), Meet thakkar (BE-IT)** placed in L & T Infotech as Level III Programmer with package of 10 LPA

● **Isha Wadekar (BE-COMPS)** placed in AIRBUS with package of 9.0 LPA

● **Aditya Yadav (BE-COMPS) and keval shah (BE-COMPS)**, Placed in L & T Infotech as Level II Programmer and Tejas Kachare (BE-COMPS), placed in Infosys as a power programmer with package of 8 LPA

Staff Members

PROF. PRAFULLA PATIL
(PLACEMENT MANAGER)
PROF. SANKET PATIL (TRAINING &
PLACEMENT OFFICER)

PLACEMENT STAFF COORDINATORS:

PROF. KANCHAN SARMALKAR
(INSTRUMENTATION)
PROF. ANAGHA PATIL (IT)
PROF. ASHWINI KATKAR (EXTC)
PROF. MUKUND KAVEKAR
(MECHANICAL)
PROF. KAMLESH BACHKAR
(MECHANICAL)
PROF. VIKRANT KOTHARI (CIVIL)
PROF. SNEHA MHATRE (COMPUTER)



Allagi

Transformation of Minds



HACKATHON'21

The department of Information Technology of Vidyavardhini's College of Engineering has been a proud host of the esteemed coding battle HACKATHON for the 4th consecutive year.

OBJECTIVE: "HACKATHON" is a prestigious technical event which involves 30 hours of incessant coding. This year the event demanded the participants to create a software application based on real life problem statements. Participants could choose to impact upon any of the domains such as education, logistics, health management, etc. The event was a sincere attempt to provide a wonderful platform to showcase one's coding skills wherein an experienced panel of jury from reputed companies provide a critical analysis and feedback of your performance. It is one of the few chances for the participants to gain substantial experience, analyse and evaluate outcomes and uncover personal aptitude.

The first ever Virtual Hackathon of our college was conducted on the 19th and 20th of March, 2021. To mark the commencement of the event, there was an inauguration through YouTube live streaming (<https://www.youtube.com/watch?v=vGi6ZWCOEhk&t=532s>). The institution was honoured to have Mr. Mandar Kelkar as our chief guest who communicated with us live from the US via YouTube live stream. Mr Mandar is a Sr. Engineering Manager at COGNIZANT TECHNOLOGY SOLUTIONS. He has an Overall IT experience of 20 Years in Software Design, Architecture, RPA & Machine learning area. The audience was enlightened by the words of wisdom and appreciation by our chief guest. Despite several challenges that a virtual event comes with, Hackathon'21 witnessed an overwhelming response with 39 teams summing up to 138 participants. There were

participants from Coimbatore, Hubli, Chennai, Nagpur, etc., who worked relentlessly for 30 hours and pitched their brilliant ideas in front of an experienced panel of juries/judges. The cash prize this year was worth ₹50,000. There were consolation prizes and goodies as well by our generous sponsors.

PRACTICE: The event commemorated right after the inauguration at 8.00am sharp on the 19th March and continued for a stretch of 30 hours. As the event was conducted virtually, the mode of communication used to interact with the teams was "Discord". A server was created on Discord in which each team had been given their personal channel for communication. A "HELPDESK" channel was also created with an aim to resolve all the queries posted by the participants. There were 3 jury rounds on which the progress of the teams was tracked and was conducted through Google Meets. The first jury round began at around 10am on the 19th March, with the valuable presence of our juries- Mr. Sagar Trivedi, Mr. Allan Francis, Mr. Abhitesh Das, Mr. Prasad Padalkar, Ms. Tanvi Zunzarrao and Ms. Aditi Telang. On the same day at around 6pm, we had our second jury round. The juries for this round were- Mr. Ujjwal Bagwe, Mr. Rahul Thakar, Mr. Amey Raut, Mr. Amey Chaudhary, Mr. Prathamesh Pradhan and Mr. Akash Shah.

After the completion of the second jury round, there was a Mid-Hackathon Entertainment Session organised streamed on YouTube at around 9pm for all the participants to relax and have a small break and then start coding with a refreshed mindset. The session saw some melodious singing from Mr. Saurabh Shetye, a singer and music composer, Mr. Vikrant Kothari,



Allagi

Transformation of Minds



assistant professor of VCET which was followed by an instrumental session by Mr. Bhavesh Deshpande and many more. On the next day, that is the 20th March, the third jury round took place at 10am in the morning in the presence of our esteemed juries- Mr. Arun Gupta, Mr. Sameer Pathan, Mr. Omkar Salkar, Mr. Prashant Bhat, Mr. Mihir Dave and Mr. Shahbaz Khan. On the 20th March 2021, after the completion of EXTENSIVE thirty hours of coding, there was a judging round held at 2pm in which the teams had to showcase their final output to the judges present and try to fix their spot to be qualified in the final pitching round. After acquitting themselves with the insights of all the projects, the best 10 teams were shortlisted for the final pitching round based on their final scores. The pitching round commenced at 4pm and was conducted through Google Meet and was simultaneously beingstreamed live on YouTube for the audience. The institute had the privilege of hosting some acclaimed personas like Mr. Prabodhan Patil, Ms. Manini Puranik, Mr. Rajnikant Pujari, Mr. Amit Manjrekar, Mr. Abhishek Gharat and Mr. Ghanshyam Sharma. The shortlisted teams had to go through a ten minutes presentation followed by a five minute Q&A session wherein the teams were bombarded with insightful questions, constructive criticism and all possible suggestions by the judges.

WINNERS: Finally, we had the 1st winner from Vivekanand Education Society's Institute of Technology (VESIT), team name 'LINKERS' [Priyanka Patil, Sonal Misal, Jyotsna Dusane, Vidya Katara] securing the 1st place. they worked on 'Augmented Reality' and created a fun learning and interactive 3D application for kids which will prove to be very helpful in their early education.

The 2nd prize was bagged by team

'NEURONS' from Vivekanand Education Society's Institute of Technology (VESIT), [Mohit Balani, Navin Kachhela, Rohit Vadhya, Bhavesh Bathija] wherein they created a 'Mask detection system', using Machine Learning.

The team securing the 3rd place was 'UKKU' [Vedant Kokate, Jaideep More, Keshav Mishra, Mohil Khare] from K.J Somaiya College of Engineering, where in they built a mobile application for pooling of transport of agricultural produce to reduce cost of transportation'.



Allagi

Transformation of Minds



CSI

CSI - A society that helps students to acquire knowledge and gain information about recent technological trends and convert them into professionals.

"CSI" which stands for Computer Society of India is one of the most esteemed technical committees of VCET. It is a combined organization of COMPS and IT department which is responsible for conducting events that would help students to get acknowledgement about technology and advancements in the IT field. It is a National Committee that works for technical aspects for students pursuing engineering in the field of IT and Computer. Moreover, it organizes technical events/seminars that are based on technological trends. It provides a large number of students an opportunity to understand all sorts of technical advancements. The main aim of this committee is to make students aware of new technologies.

In the Covid-19 pandemic situation, to keep students updated on various technologies, the CSI committee arranged some events. They are as follows:

Blockchain Technology

Blockchain is an important part of technology now-a-days. This webinar helped understand it better. This webinar was a sincere attempt in giving information about the blockchain, a head start towards making a career in blockchain and challenges that are faced in it. The main motive considered while organizing this webinar was to provide a platform to encourage students to foster their technical skills and thereby adding to the overall grooming of oneself. The webinar was held on 27th February, 2021 at 11 am which ended with a electrifying question and answer session. The Guest speakers were Ms. Leena Nadkar and Dr. Seema Shah, both excel in the field of blockchain technology. The webinar

was held on 27th February, 2021 at 11 am which ended with a electrifying question and answer session. The Guest speakers were Ms. Leena Nadkar and Dr. Seema Shah, both excel in the field of blockchain technology. The webinar was conducted through YouTube live and received an amazing response with a total of nearly 630+ views.

Data Science using MATLAB

Webinar contained in-depth knowledge and demonstration on how to perform Data Science using MATLAB. Highlights include importing, preprocessing, analyzing, and visualizing your data using MATLAB. The webinar was held on 9th April, 2021 at 3 pm. Our Guest speaker Mr. Suraj Gawande gave an easy to understand explanation regarding the use of MATLAB. The webinar was conducted through YouTube live and received an overwhelming response with a total of nearly 350+ views.

VNPS 2021

VNPS - Vidyavardhini's National Level Project Showcase, is an event held to share, grow and receive constructive feedback on developed projects. It is the biggest event organized by VCET, every year. This year, overcoming all the odds, various committees not only conducted the event but made it a colossal one in the history of VCET. The event was held on 14th May, 2021. The inauguration ceremony started at 10 am where our guests of honor Mr. Abhimanyu Raja, Director of JanuTech Robotics and Dr. Dattatray Parle, Principal consultant of Infosys shared their perspective. The chief guest Dr. Harvinder Gambhir, retired vice-president(projects) Instrumentation & Control at Reliance Industries Limited, addressed the



CSI

and 4 for minor projects. Among which the Track 4 was allocated to the CSI committee, which consisted of domains such as Cloud computing & Big data, A.I. & Machine Learning, Gaming, Internet of Things (IOT), Web security & Networking, Robotics. Total number of teams which participated in track 4 were 105 which consisted of a total of 311 participants. Track 4 was further divided into 8 to 10 domain specific groups to keep the event fair and competitive. These groups consisted of 12-15 participating teams. After the end of the inauguration ceremony, the Judging round began where teams presented their projects to the Judges.

After the completion of the judging round, the judges ranked their projects i.e. each group had their respective winners. The valedictory function was held at 5 pm where all the winners were announced. All these events were a huge success for the CSI Committee with unbeatable participation and splendid acknowledgement. Thus the society once again proved to be the best and thereby scaled their motive, the motive of acknowledging the students with all the necessary technological advancements and helping them towards the journey of being professionals.

GERMAN CLUB

The German Club was established in year 2017 in VCET. The Head of this club is Mr. Yogesh Pingle. The club was started with the motive of teaching German Language to the students as it is one of the greatest aspects. Most of the IT Companies are German and henceforth if the students already know German language it will provide ease to them in placement and those students will get more privileges. There is a separate schedule for German club apart from the regular college schedule. Before lockdown the classes were scheduled offline on a particular time in college while in lockdown, the classes are kept online and the lecture recordings are also posted on YouTube channel. Students find it very interesting and they are glad that they got such an opportunity to learn a new language which holds so much privileges.

Students are provided with study materials and their doubts are also been cleared feasibly. The club started with basic German and now its growing and glowing. To join the club, students need to pay a small amount of fee as it comes under

extra-curricular activities. After successful completion of the program, students are rewarded with A1 certificate. The main aim of this club is to develop a new skill among students and to make them understand the beauty of valuable German language. Language plays a crucial role in communications and communication is the key to soft skills, the club is helping students to enhance their soft skills. There is a small quote in German which says "Kleinvieh macht auch Mist" this means that the small amounts add up to something bigger. In similar way, this small club will lead to huge success one day for sure.



IEEE

The EXTC department of VCET, organised virtual Webinars and Competitions for the students of VCET, under the committee named IEEE-SB in the academic year 2020-2021. The respective webinars and competitions were as follows:

Arduino workshop

FE-QUIZ

How to write technical paper

VNPS

Aarambh- How to be industry ready

The very first workshop conducted by VCET's IEEE Committee was a three day workshop on Arduino which was organized virtually by the VCET's Department of Electronics & Communication Engineering in association with IEEE-SB from 1st – 3rd February, 2021 from 2.00-4.00 pm

The informative workshop was organized for Second Year students. The main objective of this workshop was to provide the fundamental knowledge of Arduino programming. The topics covered in the workshop include- Hardware and Software Programming. The outcome of the workshop was to brush the skills on Arduino as well as its simulator.

This informative workshop was taken by Mrs. Shaista Khanam (Asst. Professor, VCET). With the help of this workshop, IEEE-SB has tried to instill a basic knowledge of Arduino on students which will be very useful to them for their future projects.

Next a grand competition was conducted called as FE QUIZ on 3rd & 5th March, 2021. from 2- 4 pm. The informative workshop was organized for Second Year students. The main objective of this workshop was to provide the fundamental knowledge of Arduino programming. The topics covered in the workshop include- Hardware and Software

workshop include- Hardware and Software Programming. The outcome of the workshop was to brush the skills on Arduino as well as its simulator.

Fe quiz was all about cheering the First year students as they being their journey towards ENGINEERING in their respective departments. To indulge and make them participate/familiar with the college events, so IEEE committee members virtually made this FE quiz a successful event. FE quiz was held on 3rd and 5th March respectively. Elimination round was held on 3rd march and the Final round was held on 5th march from 4.30pm onwards on google meet. The participants gave the enthusiastic vibes and their competitive sides were up to the mark. First year students from every department participated in this FE QUIZ. 36 Teams participated in the eliminated round and the response seen was quite amazing. (The quiz was based on general knowledge, sports, history, politics etc.) Elims was quite competitive cause later only 6 Teams were selected for the finals. Team C were THE WINNERS of the FE Quiz and Team F were the runner up respectively. The event ended up on a happy note by Thanking the participants for showing such enthusiasm for the event and also by Congratulating the teams and announcing the reward respectively.

A webinar on “How to write technical paper” was virtually organized on 14th April, 2021 from 10am onwards.

Our honourable speakers for this informative webinar were Dr. Sunayana Jadhav and Dr. Amrita Ruperee. The webinar goals were to present some tips for writing good abstracts for scientific papers. And to gain hands-on experience applying some of the tips to real examples. Speakers gave an informative and perfect insight on



Allagi

Transformation of Minds



IEEE

how to write the technical paper also gave just about winning it was all about different ideas on how to present them participating in VNPS and being a part of it. impressively. The webinar was concluded by a Q&A session. Students participated in a great number and showed keen interest in the webinar. It was successfully conducted by IEEE committee members.

On 15th April, 2021 the year's most awaited event was organized i.e VNPS (VCET's National level Project Showcase). For the inauguration ceremony we had Mr. Harvindar Singh Gambhir, Dr. Dattatray Parle, Mr. Abhimanyu Raja as our respective dignitaries. Dr. Vankudre and Dr. Vikas Gupta (HOD EXTC) along with the respective faculty members made their presence felt. Students from every department of the college participated in VNPS also students from other colleges participated in this project showcase with great enthusiasm and everybody's competitive side was up to the mark. VNPS was conducted virtually in 5 different tracks. The judges were fair and square and it was an opportunity to each and everyone as it was not

Everyone learned about different ideas and would look forward to apply it. So VNPS was all about learnings while being competitive. VNPS was concluded by a validatory function while announcing all the winners from the respective tracks.

The next webinar conducted was "Aarambh- How to be industry ready" on 23rd April, 2021 from 4pm onwards. The honourable speaker for the webinar was Mr. Sandip Patil, Founder and CEO, Securizen System pvt ltd. Mr. Sandip gave an impressive insight on how to be industry ready which helped students on their future planning. He spoke about the challenges faced by industries in today's world and discussed the solution for the same. He spoke about the futuristic approach in various career opportunities. The webinar was concluded with a long Q&A session.



Allagi

Transformation of Minds



Solection

Introduction:

Team VCET Solection is a group of solar enthusiastic students, who design and manufacture their solar electric cars. The team was established on the 19th of September 2017 by our respected seniors Mitesh Sawant and Mahendra Solanki with the motto of taking a “step towards sustainability”. Over the years with continuous efforts, determination and perseverance the team successfully built 5 cars of which one is an autonomous car. 2019-2020 has been a remarkable year for team Solection, which crowned the team as the winners of NSVC 2020

Events in the year 2019-2020:

Starting chronologically, the journey of VCET Solection for the year 2019- 2020 started with recruitment with the interviews being conducted in August. Students from all the branches were allowed to be part of this innovative journey. Our team’s faculty advisor Prof. Dipak Choudhari guided us in every step possible in our journey. The team participated in NSVC (national solar vehicle challenge) and ESVC 2020. But this time we decided to push our limits further by making two cars for the same event. We enhanced our previous car 2.1 to 2.2 and made a whole new design for 3.0. After all the discussions, the team began looking out for sponsorship that would raise the required funds. Simultaneously, the team also prepared for pre virtual rounds of both events. Months of September and October were mainly invested in preparation for pre-virtual rounds, designing and workshops. The pre- virtual round consisted of making presentations, calculations, Gantt chart and much more. In this, our team had secured an AIR 3 in ESVC 2019 among the 60 participated teams. After successful completion of the designing phase, the team headed towards the manufacturing phase in

in November and December. Along with cutting profiling and welding we even designed and manufactured our knuckle, hub, brake disc, pedal and caliper. Although designing and manufacturing took a thorough knowledge, it took BOUNDLESS IMAGINATION for our captain Mitesh Sawant to come up with the idea of DRIVERLESS SOLAR ELECTRIC CAR. The team took this innovation as a challenge and soon enough with enormous research and hard work, we finally made our car 3.0 driverless with 3rd level automation.

Further with all the assembly, manufacturing, innovations and final touches, our cars were ready for the competition. We began testing our car in rigorous and vivid conditions. By now the team had geared up for NSVC which was to be conducted soon. The team remained cohesive throughout the event and grabbed all the learning opportunities. Although our car 2.2 got stuck with the brake fading issues, we soon figured out the solution to it and exceeded up the line, resulting in Both the vehicles clearing the static as well as dynamic rounds with flying colours. Eventually, all the hard work paid off and our car 3.0 won the NSVC 2020 with our car 2.2 being the second runner up. The team now awaited ESVC 2020. However, because of the pandemic, the event was called off. But the spirit of the team members did not fall. The team kept working and conducting online meetings and discussions throughout the year. Overall to conclude the year 2019-20 has been a sustainable, insightful and rewarding year for team VCET Solection.



Allagi

Transformation of Minds



Airnova

Team Airnova is the official Aeronautics & Aerospace team of Vidyavardhini's College of Engineering & Technology; the main motto of the team is to spread awareness about Technological advancements in Aviation and Spacecraft sector. The team was established in 2019 and made an official part of the college in 2020. Since then, despite the lockdown, Team Airnova has been conducting research on RC Aircrafts, UAVs and Spacecrafts.

The team functions under the guidance of our faculty in-charge Prof. Apurva Pendbhaje and along with them has support from our other college faculties as well as respected principal, Dr. Harish V. Vankudre and Head of Department of Mechanical Engineering Dr. Uday V. Asolekar.

The team provides a platform for all engineering students to come together and design, manufacture RC Aircrafts and UAVs to participate in competitions regarding the designing of UAVs & Aircrafts that can be implemented in the industry with regards to recent developments. Despite having lockdown imposed post the formation, the team has participated in SAE VIT Aerodominator 7.0 procuring a National rank of 16 and Mars Society of South Asia's Inter Planetary Aerial System Challenge and ranked 21 worldwide in this competition. Working with the team, students get an opportunity to study subjects like Aircraft-Flight Mechanics, Avionics, Aircraft Propulsion systems, Flight Dynamics, Computational Fluid Dynamics, Research & Development in UAVs alongside hands-on experience in ANSYS, Solidworks, Xflr5, SimScale, AutoCAD, etc. with an experience in soft skills such as Management, Oration, Presentation and Teamwork, Decision Making, etc.

The team thrives to provide opportunities to students and make capable individuals with its extracurricular activities alongside academics and provide for wholesome development of aspiring engineers.

Team Airnova



Allagi

Transformation of Minds



E-CELL 2020-21

The Entrepreneurship cell of V.C.E.T, known as 'E-CELL' is formed to foster entrepreneurship skills amongst the students of V.C.E.T. It is a student-driven and faculty-guided cell striving to channelize the competencies of the budding engineers. It started in the year 2015 and now comprises an overwhelming strength of more than 40 students across various branches of V.C.E.T. It is a platform where students can amplify their innovations, creativity, zeal, passion & entrepreneurship skills and cherish their dreams. Myriad of activities like seminars, talks & prototype building of the ideas are conducted for the students to strengthen their 6 Ps of success comprising of Patience, Persistence, Perspiration, Passion, Perseverance, and Pragmatism.

The vision of this cell is to generate India's future entrepreneurs who would take our country a step ahead. This cell aims at bringing out the hidden potential of the budding professionals with the virtue of serving society. This cell has been formed to promote the spirit of entrepreneurship amongst the students of V.C.E.T.

This year as well, amidst the pandemic, The E-CELL committee of V.C.E.T decided to virtually organize interactive sessions for motivating and guiding the upcoming entrepreneurs.

The very first exuberant event of the year was "E-Summit" on 2nd and 3rd March 2021 via YouTube live stream. Various speakers and business personalities from different backgrounds were invited to the event to mentor the youth, the ones who are aspiring to become an entrepreneur. The event was organized for exploring the start-up ideas and the business nature for the students regarding the trends in upcoming technology. It was a two-day event for the students to get motivated towards the

business aspect of life, understand how it works and showcase their ideas on larger platforms to earn capital to start their ventures.

The second exuberant event of the year was "Bizmaster" on 13th May 2021. Bizmaster is an intense business competition where the best minds from all over Mumbai present their start-up ideas. It provides a platform for brilliant and innovative ideas. In this event, there were various groups to participate in the competition. The competition was like a tug of war with an amazing presentation of the business idea.

The next event of the year 2021 was "The Internship Fair" scheduled on 14th and 15th May 2021. Various companies from different backgrounds were invited to the internship fair to provide an internship to the budding engineers. This event provides the students with a platform to interact with different companies and also to improve the industry skills required as an intern.

In the middle of the year 2021, various "Bizcharcha - episodes" were organized for the students to learn, develop and explore copious skill-set required in the upcoming industry, from the professional experts of several companies.

MANTRA: "The best way to predict the future is to create it."



C3

C3 committee of department of Information Technology VCET organized a virtual coding competition on hackerrank. It was a platform for students to showcase their coding skills and stand out in the crowd. The competition was conducted on 13th May 2021 from 8am to 4pm for Second Year and Third Year Students. The competition was 8 hours long with python language for second year students and C language for third year students.

C3 coding Competition is an event where the participants are given several questions related to their language that is C or Python and they have to solve the problems in limited time. The difficulty level of the problems was bifurcated into three parts: easy, medium, and hard. The participants were judged on their rank, which has been displayed on the hackerrank website. There were total 200 students from Second and third year from every department who participated in this competition.

The Felicitation Ceremony was conducted on the Google Meet platform. Kajal Mahajan, our host, warmly welcomed our respected Principal Sir, Judges, and Winners. Our Principal Sir, Dr. Harish Vankrude, delivered an amazing speech and motivated the students for performing well. And the wait was over for once and all, as the results were announced by sir. The runner up and Winner of the event were "Aditi Kadam" and "Shingte Suyash" from Second Year respectively and from third year "Sweety Singh" and "Nirmiti Lakhani" respectively.

So, the event was successfully conducted by the amazing committee member of C3 committee and the Staff of Information Technology department.



Allagi

Transformation of Minds



Team Centurions

Team CENTURIONS is one of the seasoned team of our college involved in the design and manufacturing of ATV Quad Bike. For the past few years the team has been producing vehicles that personify power and agility. Fuelled by an innate hunger to be better than before the team has been consistently improving throughout the years by testing their mettle (and metals) in National level competitions.

The motive of our team is to get hands-on experience in designing and manufacturing on ATV. To get a deep understanding of its design and various design software like Solidworks, Ansys, etc. And to fabricate an ATV which is safe and functional in the most possible economic manner. We are also striving to develop engineers who are not just technically sound but also have collaborative working, team confidence, and entrepreneurial skills in them.

As of now the team has manufactured 3 vehicles, each better than the previous one, and named them successively as Spartan 1.0, Spartan 2.0, Spartan 3.0. Our team has been working on Spartan 4.0 for the last 1.5 years and has taken big strides for improvement.

Our team has recently participated with spartan 3.0 in two prestigious national level bike competition, Quad Bike Design Challenge (QBDC) organized by the Fraternity of Mechanical and Automotive engineers (FMAE) and Quad Torque (QT) which was held online and organized by Indian Society of New Era Engineers (ISNEE). In QBDC we held an overall rank of 11 and stood 3rd in B-Plan and 5th in Endurance. In QT we held an overall 5th position.

Under the supervision of faculty advisor Prof. Sanjay Lohar sir and overwhelming support from our college management, honourable Principal Sir, Head of the Mechanical Department, and our sponsors,

our team has grown greatly and developed a grittily engineered vehicle and motivated engineers.

We as a team are constantly striving to achieve greater heights and inspire budding engineers and vehicle enthusiasts and give a platform to showcase their talent.

Team Centurion



Allagi

Transformation of Minds



ETA

Electronics and Telecommunications Association (ETA) is the literature committee of the EXTC department. ETA's motive is to help develop the technical mind-set of readers. It provides a platform for the students to stay updated with present and future technology.

ETA provides good opportunities to students in bringing out their talents related to writing, editing while promoting the habit of research. The committee published two Newsletters this year. The first newsletter was based on 'Neuro Technology', released in December 2020. The second newsletter was based on 'Space Rover Technology', released in June 2021. It gives the reader an insight of technical advances in the field of engineering. The Newsletters were aimed to increase the awareness of latest technologies used in the industry in laymen terms. To make it interesting, it also features facts, puzzles, riddles with short industry based interviews. Lastly, like every year ETA came up with PULSE 2021, which is an annual EXTC

Departmental Magazine published on the central theme as 'Cyber Security' published in May 2021. The Magazine highlighted the important aspects of Cyber Security such as why it is necessary, how data is being misused, deep learning into Cyber Security and career opportunities in cyber security. The magazine also provides additional insights in the form of alumni interviews, departmental activities and much more. It is tailored to provide crisp information altogether to the reader. Alumni are the most valuable source for students to know and learn about how to prepare themselves for their dream job.

The magazine also provides additional insights in the form of alumni interviews, departmental activities and much more. It is tailored to provide crisp information altogether to the reader. The ETA committee is

indebted to its members and staff in charge. Our committee members put forth all their efforts in making the committee a resounding success.

Secretary,
Nihal Kumar



Allagi

Transformation of Minds



Team Ethan Racing

Team Ethan Racing Electric is the official Formula Student Racing Team of Vidyavardhini's College of Engineering & Technology, it provides young engineers to visualise, design and manufacture a Formula Style Race-car. The car manufactured is of high precision and tolerances and compiling to SAE standards. The Students then take this car to various Formula Student Competitions held at the national level.

The team Participates at a national level Formula Style Race-car Engineering design competition known as Formula Bharat, which is held every year in the month of January. This year the team has secured 15th Rank amongst 70 teams that participated in the Formula Bharat 2021 Competition.

The vision of our team is to represent India at the international level. The mission is to build the most cost effective race cars with continuous improvements at par with the international standards. The objectives of our team are to design and manufacture race cars that are simple in design, cost effective and high in endurance.

The main motive of the team is to learn new things apart from regular engineering curriculum. To gain maximum exposure to various engineering fundamentals like GD&T, Computer Aided Designing (CAD), Manufacturing Processes, hands-on-experience of various Simulation software are the core building principles of the team.

Previously the team has been designing and manufacturing combustion vehicles, now the team has decided to shifted to electric vehicles as this has many advantages like high efficiency, high driving range, reduced carbon foot-print and many more over the conventional combustion vehicles. By shifting to electric category we are now implementing more complex and advanced

design / algorithms by using integration of software and hardware also cross departmental systems of mechanical and electrical systems.

This platform not only provides the technical development but also an opportunity to all the members to learn other skills such as project management, team work, business planning & Presentation, R&D, Cost & Risk analysis and more, which moulds an engineer to be efficient employees, managers or entrepreneurs in their future life, thereby contributing towards skilled engineers.

The team works under the guidance of our faculty incharge Prof. Sanjay Lohar who is accompanied by Prof. Raahul Krishna. The team had an overwhelming support from the college management, our respected Principal Sir, the Head of Mechanical Department, and our sponsors, owing to which we have been able to grow, develop and improve our vehicle, making every new car we design better than its preceding one.

The team shall continue to rise and inspire the new upcoming engineering aspirants by increasing their reverence for team spirit and automobiles and perform better in the upcoming years.

Sidhanth Naik,
Team Captain



Allagi

Transformation of Minds



IETE

YEARLY REPORT OF IETE-SF in charge of IETE-SF.
EVENTS:

The EXTC department of VCET, organised virtual Webinars for the students of VCET, under the committee named IETE-SF in the academic year 2020-2021. The respective webinars were as follows:

How to be Industry ready in the telecom sector

Embedded systems and understanding the coding rules.

Cybersecurity and its now-a-day application

On 31st, October 2020. IETE-SF and IETE-MUMBAI centre, organized an informative webinar on “How to be industry ready in the Telecom sector.” The webinar was inaugurated in the presence of Mr. Parag Walinjkar, Chairman, IETE Mumbai Centre, Ms. Smita Lonkar, Treasurer, IETE Mumbai Centre, Prof P Prabhakar, Wing Commander, Vice president IETE, Prof(Dr). Vikas Gupta, Hod EXTC VCET.

Ms Rakhee Sonawane gave a really good insight on what are the current telecom sector demands. This gave students better clarity on their future planning regarding telecom industry. The webinar was concluded with an interactive Q&A session which helped students clearing their doubts regarding the industry. It was a wonderful webinar that lasted little over an hour.

The second webinar took place on 24th February 2021. IETE-SF organized an introductory webinar on “Introduction and code walkthrough Embedded System.” The webinar was inaugurated in the presence of Mr. Parag Walinjkar, Chairman, IETE Mumbai Centre, Dr Harish Vankudre, Principle of VCET, Prof (Dr). Vikas Gupta, HOD of EXTC VCET, and Prof. Shaista

The webinar was conducted by Mr. Manish Iyer, Tech Lead in Capgemini. He gave a detailed introduction about the embedded system and also elaborated its practical uses. He explained the difference between C language and embedded C. and the webinar was concluded with some interactive Q&A session.

The next webinar took place on 25th February 2021. IETE-SF organised an educative webinar on “Cybersecurity Landscape-Tools, technologies and framework to defend against threat actor.” The webinar was inaugurated in the presence of Mr. Parag Walinjkar, Chairman, IETE Mumbai Centre, Ms. Smita Lonkar, Treasurer, IETE Mumbai Centre, Prof (Dr). Vikas Gupta, HOD of EXTC VCET, and Prof(Dr) J.W Bakal who gave a message on IETE students day.

The webinar was conducted by Mr. Anirudh Iyer, Cybersecurity solutions architect, Cisco, Canada. Mr. Anirudh Iyer gave some impressive insights on this subject. He spoke about the challenges faced by industries in today’s world and discussed the solution for the same. He spoke about the futuristic approach in Cybersecurity and career opportunities. The webinar was concluded with a long Q&A session.

Then later on 26th March,2021 an amusing event named named “Oscillation-21, technical paper presentation.” Was organized by the IETE-SF. In this event the participants were required to submit their technical papers and present the same. This event provided a great platform for young minds to showcase their technical knowledge and learnings through their paper work. Oscillations -2021 was inaugurated at 10:30am, it was live streamed on YouTube. The event was hosted by Manpreet, Deputy secretary IETE student



Allagi

Transformation of Minds



body. Later, on Mrs. Shaista Khanam gave insights about oscillations after that Dr Vikas Gupta, HOD Electronics and telecommunication spoke about future aspects in research field and encouraged students to participate in same. Later Dr. Harish Vankudre, Principal VCET, he spoke and encouraged student participation. Our Chief guest “Narendra Karnani, Vice chairman IETE- SF, enlightened us with wise word. Vote of thanks was given by Abdulmateen, TE EXTC. Oscillation was divided into several tracks. All the winners were rewarded with cash prize. Oscillation took a final note and came to an end. All the participants showed their competitive side and were up to the mark. The judges were fair and square and it was an opportunity for each and everyone as it was not just about winning it was all about participating in Oscillation and being a part of it. Everyone learned about different ideas and would look forward to apply it. So Oscillation was all about learning, while being a sport.

On 15th April,2021 the year’s most awaited event was organized i.e VNPS (VCET’s National level Project Showcase).

For the inauguration ceremony we had Mr. Harvindar Singh Gambhir, Dr. Dattatray Parle , Mr. Abhimanyu Raja as our respective dignitaries. Dr. Vankudre and Dr. Vikas Gupta (HOD EXTC) along with the respective faculty members made their presence felt. Students from every department of the college participated in VNPS also students from other colleges participated in this project showcase with great enthusiasm and everybody’s competitive side was up to the mark. VNPS was conducted virtually in 5 different tracks. Everyone learned about different ideas and would look forward to apply it. So VNPS was all about learnings while being competitive. VNPS was concluded by a validatory function while announcing all the winners from the respective tracks.

On 25th April 2021, VCET’s Electronic and Telecommunication department in association with IETE-SF organized an informative webinar on How to get a job in VLSI with an expert lecture on Importance of hardware descriptive language. The webinar was conducted virtually from 3pm onwards. The honourable speakers for the webinar were Mr. Sourabh Mestry and Mr. Suyog Patil experts in the field of VLSI respectively.

The webinar started by warmly welcoming the speakers and all the students who were present for the webinar. The speakers gave an impressive insight on actual VLSI industry and its various career opportunities. Students got to know that VLSI is the foundation of all the industries!

On 28th April,2021 IETE-SF organized an “Workshop on Octave alternative of Matlab”. The Workshop was inaugurated in the presence of Dr. Vikas Gupta, HOD EXTC VCET, IETE-SF incharge Prof. Shaista Khanam and assistant Prof. at VCET Prof. Ekta Naik. Prof. Trupti Shah gave a glimpse on the Online Octave Website, an alternative to the MATLAB. She shared various tricks and syntax for solving the questions in the Online Octave Website. Also, she justified the reason for using Octave online as a better alternative to MATLAB.

Later On 15th June,2021 a webinar on “IOT 4.0: industrial IOT and smart factory” was organized. the informative session was started on a keynote on “what is IOT and its awareness”. The content presentation was up to the mark and everyone was eager to listen further. The progress of IOT in various fields was showed and different news letters clips which mentioned a new era of automation and much more related to the technology which would give us a wonderful life ahead was mentioned and explained.



Allagi

Transformation of Minds



ISA

VCET ISA Student Section conducted various events throughout the year 2020-2021 to keep students indulge in various activities and also gave them opportunities to interact with industry experts of various fields. These are the following events which were conducted by ISA Student Sections

Seminar On LaTeX Software

The speaker of this Dr. Sharad.P. Jadhav board member at University of Mumbai and head of Instrumentation Department at Ramrao Adik Institute of Technology. In this seminar students were introduced to a software where they can write technical papers, project papers just by writing lines of code to have hassle free experience. Which at times would not be possible for any other Text Editing software.

Student Development Program

This program was conducted through a week span every day from 9-5. This program had seminars on the following topics.

Digital marketing and LinkedIn profile optimization

The speaker for the seminar was Mrs. Jaanvi Hotwani, Marketing chair, ISA Maharashtra Section. The seminar was conducted in two sessions. Session 1 was based on Digital Marketing and Session 2 was based on LinkedIn Profile Optimization and career Overview. During this seminar she talked about benefits of ISA membership and ISA connect, apart from that she also spoke about ways to make linkedin profile better and she also gave an overview of Digital marketing and its types.

Digitization in manufacturing industry

A seminar on “Digitization in

Manufacturing Industry” was held on 30th January,2021 from 9:30 am to 11:30 pm. The speaker for the seminar was Mr. Lalit Bangera, Process Design Specialist, Siemens Pvt Ltd Singapore. He gave a brief overview of the manufacturing industries and asked students to map down their passion to a certain industry and study it in depth. And also spoke on smart manufacturing in industries that connect OT with IT.

Guidance for masters in US & Germany

The seminar was conducted under the guidance of Dr. Tushar Vinod Deoras, head of Astute Career Counselling Academy. The seminar was conducted on 25th January 2021 from 11:00 am to 12:30 pm. Throughout the seminar Dr. Tushar focused on topics like, how to choose a career based on skills rather than interest or scope, he further acquainted students with the prerequisites that the universities in the USA and Germany take into consideration.

Seminar for Campus Placement

The seminar was conducted by Mr. Abhishek Singh and Mr. Pritesh Hariyan on 28th January 2021 from 09:30 am to 11:00 am. During this period, they spoke about resume building, important things a resume should contain for it to look aesthetic as well as to give complete information about the person. They focused on Personal interviews and shared a few points that need to be remembered while attending interviews.

Virtual Industry Tour

The virtual industry was conducted on 28th January,2021 from 11:30 am till 1:00 pm. The tour was organized by VCET ISA Student’s Section. Throughout the virtual



Mr. Malik from the industry explained the working of various machines that were used for straightening and cutting the stainless steel in the industry, he also explained roll feeding machines that are used for feeding the stainless steel to a hydraulic machine that is used for shaping the utensils.

Lastly VCET's National level project showcase was held on 14th May, 2021. Students presented their projects in front of judges and winners were selected based on the quality, application of the project and research involved behind the topic selected.

Throughout the year students got to gain knowledge about various industries, how they work, what are the requirements of particular industries and they also got to know about the admission process of foreign universities.

sections organized a seminar for students on Scope of Instrumentation on 15th May, 2021. The speaker for the seminar was Mr. Shantanu Kelkar. Throughout the seminar he explained about starting a career in the field of instrumentation and discussed the challenges that will be faced in the beginning. He explained the importance of instrumentation in various industries and role of instrumentation engineer in those industries. He also explained about industry 4.0 and the future of instrumentation. He also guided students about how they should proceed in their careers after graduation. He also mentioned "study the players" meaning to analyse leading industries and companies and understand their functioning. Lastly, the session ended with a question & answer session at the end.

Seminar on Tinkercad

The Department of Instrumentation Engineering of Vidyavardhini's college of Engineering & Technology in collaboration with VCET ISA Students sections organized a seminar for students on Tinkercad, an online software that is used for circuit design, 3D modelling as well as coding. Seminar was conducted on 24th April, 2021 by Mrs. Trupti Mane Furia, Assistant Professor at VCET. Students were made familiar with the different tools available for circuit design and simulation. Students were enlightened with the importance and benefits of simulation and why it is necessary to simulate things before working on real hardware. Students also got to know about IOT and how it works. At the end of the session students were able to build their own circuits and simulate them.

Scope of Instrumentation

The Department of Instrumentation in collaboration with VCET ISA Students



Allagi

Transformation of Minds



ISHRAE

National Student Design Competition:

ISHRAE student Activities launches National Student Design Competition (NSDC) for 2020-21 for ISHRAE student members. It is basically Design of Air Conditioning System for an IT company for better Indoor air quality. The Awards were as follows, 1st Prize was 30000rs, 2nd Prize was 20000rs followed by Motivational Prize of 10000 rs. A Participation Certificate was given to all the participants.

Important Dates for the events were as follows, Registration Date was 18/08/20, Date for submission of Design was 31/10/20, Design presentation at Zonal level was conducted at 28/11/20 followed by Design Presentation for Nation level at 31/01/20. The eligibility Criteria was the Undergraduate student members of ISHRAE were allowed with max Number of Student in team was 3, Students were given liberty to assume the required data, but they should mention those in the report. The Designing should be based on Indian Standard. The Criteria for Evaluation was based on Heat Load Calculation, Equipment Selection, Duct Design, Design Qualifying Load Fluctuation, etc.

Submission of Proposals for Student Research Project Grant– SRPG under Graduate 2020-21:

On 14th August, 2020 Final year students submitted one research proposal to the ISHRAE Mumbai Chapter. The name of following students submitted the proposals: 1) Mr.Rathod Sandip, 2) Mr. Gosavi Tushar, 3) Mr.Devesh Garande

ISHRAE-VCET Students Chapter Seminar:

The ISHRAE-VCET Students Chapter of Department of Mechanical Engineering arranged a webinar talk for ISHRAE student

members on the topic: “Building Management system” on 19th March 2021, Friday at 3:30 to 5:00pm through Google meet. Total 40 students were present for the webinar and faculties from Mechanical Engineering Department. The guest speaker for the webinar was Mr.ANDIP VARDAM Mechanical engineer 29+ years experience in HVAC, fire safety and IBMS segment.Partner at MSD Controls LLP accepts our invitation and presents the webinar. The detailed contents about the webinar is Demand for Integrated System, Objective of Integrated System, Key Stakeholders, Objective Of Owners, Objective of Occupants, Objective of Faculty Team, Alarm Management and Practical Example of System Integration.

Vidyavardhini's National Project Showcase (VNPS)

VNPS is Vidyavardhini's National Level Project Showcase, an inter departmental project showcase competition wherein final year projects of the students from all over the city are showcased. These projects are judged by some expert industrialists and the winners are awarded with prizes.

I would like to thank each and every member of the committee for their major contribution to events even in this rough time. it wouldn't have been possible without you all. I extend my sincere thanks to Prof. Vinay Patel sir, Staff In-charge of ISHRAE Committee for his guidance and help throughout. I would also like to thank our respected HOD, Dr. Uday Aswalekar Sir, for always being with us. Nonetheless I would like to appreciate each and every member of the committee right from the First Year to the Final Year for being a part of ISHRAE and making this name a great success.



WEC VISTA MAGAZINE

INTRODUCTION:

Vidyavardhini's College of Engineering & Technology has established "Women Empowerment Cell" in the college campus with the motto of "self-empowered mind" in order to empower and safeguard the rights of female members; faculty, staff and students of the College. WEC has been a proud host of numerous informative seminars and workshops over the past few years.

VISION OF WEC:

Aiming at intellectual and social upliftment of the female students and staffs, the cell stands for facilitating women's empowerment through guest lectures, workshops, seminars, awareness programs and other welfare activities.

ROLES & RESPONSIBILITIES:

To create awareness on the objectives of WEC amongst girl students for their enthusiastic participation.

To encourage women to undertake activities that strengthen their self-confidence.

Conducting various competitions to encourage their artistic talents for creative thinking.

To empower female faculty, staff and students about general economic and social issues.

To review safety and security measures for female employees and girl students at the VCET campus.

EVENTS:

This year as well, amidst the pandemic, The WEC decided to virtually organize interactive sessions for motivating women and guiding them. The very first exuberant event of the year was a webinar on "**Women leadership and Work Life Balance**" on 22 Dec, 2020 via YouTube live stream. The session commenced at 2pm by a brief introduction and acknowledgement of our

knowledge and experience on epitomizing the work- life balance. The seminar was addressed by our honorable guest Dr. Dipti Joshi. (BE, PGDFM, MA Eco, MA Edu, PhD).

The target audience were women who invested in growth and development while pursuing their own dreams and passions. Moreover, it aimed to give insight into each woman's frame of reference regarding identity, types of relationships, personal drive and motivation and adaptive style. The session was concluded at about 3.30pm with a Vote of Thanks followed by a valuable Mantra by our guest speaker in order to make it memorable and noteworthy.

"The most effective and efficient individuals are often those who are confident in managing responsibilities in all spheres of their lives."

This year on the occasion of International Women's Day (08 March, 2021), the WEC organized its second virtual session on "Manifestation of Women" via YouTube live stream in order to make women realize the power in feminine energy. The seminar was addressed by our honorable guest Ms. Supriya Chitre (A Retired Squadron Leader and the Founder and Director of Udaan Foundation, Nashik).

The target audience were women who aim to make life-determining decisions owing to different problems they face in the society with an objective to empower the ones seeking access to opportunities without any limitations or restrictions such as in education, profession and in their way of life. Perhaps feeling entitled to make your own decisions creates a sense of empowerment. The webinar received an exceptional response of 500+ viewers who were extremely co-operative and attentive.



Allagi

Transformation of Minds



The real-life experiences shared by the speaker instilled in all an empowering drive to succeed without any fear or limitation.

The profound efforts of the WEC committee finally bore the sweet fruits of

success and set another benchmark to work towards.

MANTRA: “Empowered Women Empower Women.”

WEBSITE COMMITTEE

The Website committee of Vidyavardhini’s College of Engineering and Technology is the sole committee as it is responsible for maintaining the core website of the college (vcet.edu.in). The Head of the committee is Dr. Sunayna Jadhav followed by Technical Head, Mr. Yogesh Pingle. The main aim of this committee is to update the website regularly and to ensure that the website stays with current trends/technologies. Currently, students from different departments are also included in the committee in order to give them real-world experience. The students are being assigned small tasks after confirmation. The committee is responsible for coordinating with other committees and posting information/notices of the upcoming events thereby. Other roles include developing and enhancing web related policies and standards, implementing regular data collection methods, developing a priority list of desired design and functionality enhancement, updating contents of website, coordinating with other committees in posting the relevant information and many more.

The committee needs to add a section on the website as per the situation. The updates that are seen in notice sections, pop up messages, academic calendars and other subsections are the work done by this committee. Before

updating or posting any information or making changes on the website the committee confirms it first with the principal. If the principal shows green signal only then the committee proceeds. In short, the work of the committee is colossal but we can sum up the same in just one line and that is “The Core Committee of Website is just like the Core of the earth, the deepest part and is the building block of everything”.



Allagi

Transformation of Minds



VMEA

Vidyavardhini's Mechanical Engineering Association (VMEA) traces its origin back in the year 2000 when it was formed by the students of the Mechanical Engineering Department. From the day of its evolution till date this committee has been working to enhance practical knowledge along with providing an industrial exposure to the students of the department.

Various technical events are organised by the committee on an inter and intra departmental basis which provides a co-curricular platform for the students. The details of the events and their outcomes are listed in the report.

The academic year began with the recruitment of new members in the committee. Many enthusiastic and dedicated students willing to put efforts in the committee were recruited. For the very first time students from the First Year Engineering were also made a part of this committee and given an exposure to the industries right from the beginning of their career.

So as we all know that we had to go through a rough time this year due to the Covid 19 pandemic Situation. This affected various institutes and colleges all around the world. This resulted in a complete shutdown and due to which changed the education way of teaching. The first event which the committee was not able to organize due to Covid19 restriction was MECHEXPO. This is a technical exhibition wherein students of the committee approach various industries of Mechanical Engineering domain, understand its manufacturing, working and functions. These products are exhibited and explained to each and every student providing industrial and practical knowledge to them.

Other two major events lined up in the even semester were Quizmania 5.0 and VNPS.

Quizmania is an intra departmental quiz competition consisting of technical as well as general knowledge questionnaires designed by the members of VMEA. It helps to test the knowledge of the students with a sense of competition amongst themselves. It was conducted through Online medium and because of the committee members this was possible to run smoothly as it was contemporary. The other event which was organized Online was VNPS. VNPS is Vidyavardhini's National Level Project Showcase, an inter departmental project showcase competition wherein final year projects of the students from all over the city are showcased. These projects are judged by some expert industrialists and the winners are awarded with prizes. This time because of Online medium students from various states were also able to participate in this event and .make it a success

I would like to thank each and every member of the committee for their major contribution to events even in this rough time. it wouldn't .have been possible without you all

I extend my sincere thanks to Prof. Dipak Choudhari, Staff In-charge of VMEA, for his guidance and help throughout. I would also like to thank our respected HOD, Dr. Uday Aswalekar Sir, for being with us always. Nonetheless I would like to appreciate each and every member of the committee right from the First Year to the Final Year for being a part of VMEA and making this name a great .success

Mayuresh M. Sawant
President
VMEA



Allagi

Transformation of Minds



CESA

A Brief Report on Vidyavardhini's National Level Project Showcase (VNPS)

Event Details: Vidyavardhini's National Level Project Showcase (VNPS), 2020-21.

Duration: 14th May 2021.

Venue: Vidyavardhini's College of Engineering & Technology, Vasai (w), Dist. Palghar. Maharashtra State, India.

About VNPS

Vidyavardhini's College of Engineering & Technology provides a platform for aspiring technical students to compete with outstanding projects from various technical institute all over the country. The Vidyavardhini's National Level Project Showcase (VNPS) is an annual celebration of the technical accomplishments of our engineering undergraduates. Students from across all the various engineering departments, participate and present their team projects through posters and prototypes (Model Presentation). VNPS introduce a capstone by culminating academic and intellectual experience through their presentation which encourages students to think critically, solve challenging problems and develop skills such as communication, public speaking, research and good teamwork & planning.

Objectives:

- to encourage the practical knowledge of the final year students.
- To help the students to enhance their technical skills.
- To provide a platform for the students across various colleges to showcase their projects.

Role of Civil Engineering Students Association (CESA) in VNPS 2020-21

Civil Engineering Students Association (CESA), aims to provide a platform for the civil

civil engineering students to manifest their technical expertise by presenting their projects in Track 5 which includes various civil engineering domains such as Concrete & structural Engineering, Construction Management, Geotechnical Engineering, Transportation Engineering, Water Resources and Environmental Engineering. The CESA along with other committees such as IEEE, ISA, CSI, ISHRAE, IETA and VMEA of the institute organised Vidyavardhini's National Level Project Showcase (VNPS), 2018-19 to bring such creativity under one roof of VCET. The following are the various activities performed by CESA during the VNPS, 2020-21.

The faculties from all the branches of VCET perform a visit to appreciate the talent and efforts of the students. The judges analysed each project very strictly and also appreciated the work of students. The faculty played a major role in guiding the students with their projects.

The event included research & technical advancement projects in the Civil Engineering field. In total, there were 20 Major Project groups and 17 Minor Project groups showcasing their talent & efforts.

Few projects grabbed a lot of attention because of their topics such as Prediction of Labour Productivity for concreting work by Using Multiple Linear Regression (MLR), Analysis and design of a floating structure for an existing breakwater in Mandwa, Design and Analysis of STP using Dynamic Modelling and Simulation Software (GPS-X), etc.

FROM THE STAFF-INCHARGE, STUDENT'S COUNCIL



Students' Council, one of the biggest committees of the college is delighted to bring to you all the experiences it had this year. It strives to strengthen student-teacher relations through all of its activities. The year began with showing gratitude towards Teachers. 5th September marks the Birth Anniversary of our former President and renowned Teacher Dr. Sarwapalli Radhakrishnan. On this occasion Students' Council hosted Teacher's Day celebration- keeping up with the annual tradition of VCET, a short video was made which consisted of various alumni's thanking the teaching and non-teaching staff.

These students thanked the teachers for their guidance and support throughout their academic years and beyond. Each teaching and non- teaching staff was sent a personalized email with a card attached.

Welcoming the fresh faces of the year, an orientation program was organized for the first-year students. Conducted via google meet, the freshers were informed about the various academic as well as cultural activities that the college hosts. The committees and teams they can join to enhance their skills and interests as well as explaining the rules and regulations of the college that they must abide by. The freshers were informed about the various events that the Students' Council hosts and the biggest annual cultural fest, Zeal. The events and competitions of Zeal as well as its grandeur was conveyed. A Freshers' Meet was hosted on 30th March 2021 to welcome the first-year students and to create a fun and exciting atmosphere for them as well. Welcoming the freshers with online games and social media hunt was a way to get to know each other and create a fun environment. The winners were then given a shoutout on Instagram.

The Student's Council then began preparing for the most anticipated cultural fest, that is ZEAL 2021. When it comes to cultural uplifting, Zeal is certainly one of the highlights of our college. This year, Zeal was held on the 6th , 7th , and 8th of May with the theme: Mumbai Lok-al. The main kicked off with a grand Inauguration ceremony, graced by the presence of our chief guest Dr. Ashwini Kodial. Zeal 2021- Mumbai Lok-al was the perfect blend of creativity, enthusiasm and euphoria that brought alive the magnificent campus of VCET. With everything shifting to an online platform, everyone had made sure to bring the essence of Zeal right at home. From brainstorming ideas to watching the live streams Zeal 2021 was an experience that every Students' Council member will never forget. All in all, the Students' Council takes immense pride and gratitude for achieving everything that was planned for this year with great success and joy.

Thank you!

Dr. Sunayana Jadhav
Students' Council In-charge

FROM GENERAL SECRETARY



I would like to begin by saying that penning down an addressal though strange, is an unexpected opportunity, I really am glad to have. Getting the chance to be the GS has been one recherché experience and has truly been very exhilarating.

Before the amazing journey that is engineering, I was an introverted kid who never participated in any activity. In an effort to change that and improve myself, I joined the students' council.

Having started with the taskforce team in my first year I learnt the importance of hardwork and working with a team; then to second year where I got selected as admin coordinator helped me improve my leadership skills drastically. By the third year, I was the Deputy treasurer and I had to handle all the financial aspects of the students' Council, which made me a more responsible person. This was the road/journey I had to take before finally reaching the destination, i.e. the General Secretary.

The whole journey has been one of the most memorable and unforgettable times of my life and has taught me perseverance, leadership, teamwork, etc. Which I consider to be the most important lessons of my life.

Throughout my journey with the students' council I was fortunate to be a part of the team in organizing zeal 4 times, Especially Zeal 2021 which was conducted virtually this year due to the ongoing pandemic. We had to face many difficulties due to Covid 19 and were on the verge of cancelling Zeal 2021. But it was our Council staff who held our spirits up and made it possible. The faculty incharge and other council members always supported and guided us wherever necessary.

The planning and the following success of the herculean task that was Zeal (2021) would not have been possible without my wonderful team (whom hence forth I will cherish as my friends). We were like well oiled machine, working together in unison towards synergy. This addressal would be incomplete if I dont express my utmost gratitude and appreciation towards the hard work of Apeksha Jain who was the Deputy general secretary; Shubham Choudhari who was the Cultural secretary; the treasurer, Sunny Labh; all the Joint cultural secretaries along with the entire BE Council.

I would also like to thank and praise the Third Year and Second year students' council members for all the effort they put in!

Finally I would like to offer my gratitude to The Students' Council Incharge, Dr. Sunayana Jadhav and all of the other council staff for their valuable support and guidance.

Thank you so much for this wonder journey which I will cherish throughout my life. Peace out!

Nilay
Sports Secretary

FROM SPORTS SECRETARY DESK



As Nelson Mandela once said, “Sport has the power to change the world. It has the power to inspire. It has the power to unite people in a way that little else does.” With the world in the midst of the coronavirus pandemic and people feeling more isolated than ever, with borders closed and stay at home mandates in place; sports - its athletes, coaches, leagues, teams and fans can again prove that the power of willingness, determination and sacrifice is greater than any pain and loss. And that's the point when we decided to make AVAHAN successful this year as well.

AVAHAN - the annual sports festival of our college, where students come together to build their skills, to compete, to win and to enjoy. The VCET Sports Committee’s main objective was to make people aware of their fitness, as well as physical and mental health and to have the will to get back on track and keep the spirit going. So, the VCET Sports Committee again came up with a never-give-up attitude and introduced two new virtual events - Virtual Marathon and Virtual Cyclothon and divided both the events into two categories: fun and elite. The theme for this virtual event was “Tribute to Covid Warriors” as there can be no greater way we could applaud the heroic efforts of courageous and inspiring frontline warriors.

AVAHAN was conducted from 31st March to 4th April 2021. The grandinauguration ceremony was enlightened by the presence of principal sir Dr. Harish Vankudre, chief guest Mr. Hardik Patil (Ironman of India) and Mr. Prashant Singh Pardeshi (DSP Jawhar-Palghar district), Dean student affairs Dr. Amrita Ruperee and Sports In-charge Prof. Neha Gharat. AVAHAN 2021 manifested a massive response from 17 states summing up to 177 participants. Avahan 2021 not only aimed to hone the fitness of our students and sporty teachers but also the working people over the nation who enthusiastically participated in our events.

I would like to thank our management, our principal Dr. Harish Vankudre Sir, sports in-charge Prof. Neha Gharat and all the staff members for their constant support. I would like to extend my heartfelt gratitude to Fit India who was associated with AVAHAN 2021. Teamwork always tends to work. So last but not the least I would like to thank all the committee members without whom the event wouldn't have been a great success. This victory will always be memorable for me and each and every member of this family.

Samir Pol
Sports Secretary

SPORTS COMMITTEE

Deputy Sports Secretary

Shashank Kamble ,
Sidhesh Jangam
Anushree Vartak

Sports Secretary

Samir Pol

Treasurer

Ankit Solanki

Joint Sports Secretary

Swaraaj Singh
Sagar Kataria

Organising Head

Omkar Chaudhari
Abhinav Mahajan

Technical Head

Srishti Shukla

PR Head

Abhishek Dalvi
Athang Sankhe
Tejas Vedak

Assistance Sport Secretary

Deevium Jangid, Riya Raut
Parinistha Sharma, Meet Metha
Shivam Shukla , Sonit Shetty

Deputy Treasurer

Heramb Betawadkar

Technical Team

Prathamesh Ramane,
Varun Nayak
Niwant Salunkhe,
Neel Panchal

Organizing Team

Rushabh Shetty, Ameya Late
Jidnyasa Raut, Tejas Pote
Vaibhav Rai

Marketing and Media Team

SauravKumar Choudhary
Tejus Prasanth , Yash Raul,
Shubham Koli,
Ashitha Poojari

PR Team

Muazzam Attar
Smit Saraf
Siddhi Redkar

Sport Coordinator

Devansh Desai
Shivan Mistry
Shubham Kadam

Admin Team

Saikrishna Warriar
Arya Trivedi
Sumedh Mulimani

Sports Executive

Swastik Raut , Nitheesh Kulal
Lavesh Salaskar , Kaustubh Pandi
Dinesh Lakshman

Logistic Team

Jimit Joshi , Kajal Mahajan
Yash Shikhare, Manthan Sarfare
Prathamesh More

Publicity Team

Aayushi Gagh , Sushant Shetty
Mrunmayi Patankar
Shantanu Gonaka

Marketing Team

Riya Raut , Vidit Sheth
Jay Wanjari
Yash Ramteke

Technical Team

Insha Mullah , Nidan Gavali
Sahil Patil , Khushi Shah
Asim Mohommad

Photography Team

Abhinav Vishwakarma
Aditya Patil

Sports Coordinator

Bhargav Kashiya , Amogh Raut , Shreyas Pai

STUDENT COUNCIL 20-21

Staff In-Charge
Prof. Sunayna Jadhav

Deputy General Secretary
Apeksha Jain

General Secretary
Nilay Naik

Treasurer
Sunny Labh

Joint Cultural Secretary
Sharath Mohanan Gayatri Shetty
Abhishek Dalvi, Anirudh Kodial

Cultural Secretary
Shubham Chaudhari

Technical Head
Kaushik Raikar
Chinar Vartak

PR Head
Reeya Shah
Anushree Vartak

Creative Head
Harshad Bhaliya
Ankit Solanki
Nikita Kasare

Sponsorship Head
Shabbir Hathiari
Swaraj Singh

Publicity Head
Sakshi Shukla
Abhishek Jangam

Task Force Head
Akash Nemade
Shashank Kamble

Deputy Treasurer
Siddhi Redkar

Deputy Cultural Secretary
Muazzam Attar
Sakshi Mhatre
Abhishek Walinjar
Parinistha Sharma

Admin Head
Rahul Poojari

Deputy PR Head
Manpreet Juss, Sarvesh Chaudhri

Deputy Technical Head
Vinay Devikar ,Saurav Choudhary

Deputy Creative Head
Krishna Maniyar , Gauresh Rane

Deputy Publicity Head
Vinita Raorane
Zahabiya Dalal

Deputy Sponsorship Head
Deevium Jangid

Deputy Taskforce
Soham Madhvani, Ankit Kharwar
Loukik Houzwala

Assistant Cultural
Tanmayee ,Nidhi
Shanatnu , Varun

Admin Team
Bhavin ,Amogh
Kaustubh

PR Team
Shreyash.S ,Shalom
Shivani , Lavina

Publicity Team
Shraddha ,Manthan P
Manthan.S

Technical Team
Archit, Khushi , Sagar
Harsh, Jay, Sahil

Creative Team
Kalpesh, Adil, Venkatesh, Nidan
Divya, Mitali, Sushant

HR Tea
Ragini ,Sakshi
Sachin, Vedant

Sponsorship Team
Atish, Muskan
Adarsh, Tejas

Taskforce Team
Abdullah, Shreyas , Rohit
Vaibhav, Suyash

Content Creation Team
Insha , Harsh
Soham, Isha

Zeal Working Committee
Shashank, Tejas, Manish, Yash, Divya, Akanksha, Harshita
Prathamesh, Shahid, Ankit, Tulshiram, Kaustubh, Tejas ,Samiksha

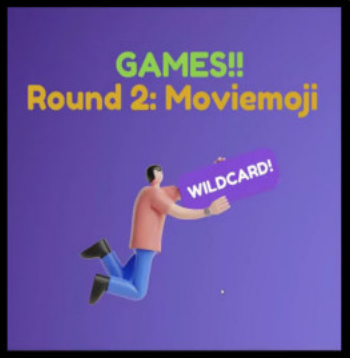
A collage of vintage photographs and camera lenses. The background features several overlapping, slightly faded photographs of various subjects, including what appears to be a person's face. In the foreground, there are two camera lenses: one is a large, black lens with a silver ring, and the other is a smaller, black lens. The overall aesthetic is nostalgic and artistic.

5

**PHOTO
GALLERY**



Dr. Ashwini Kodial - Chief Guest



Dr. Sunayana Jadhav - Students' Council In-Charge



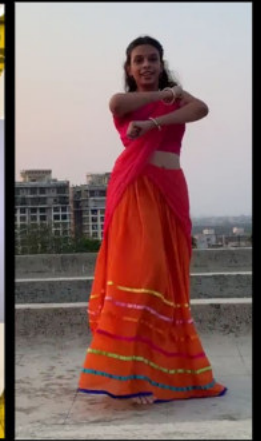
Dr. Amrita Ruperee - Dean Student Affairs

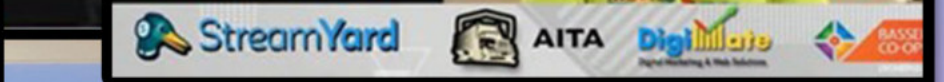
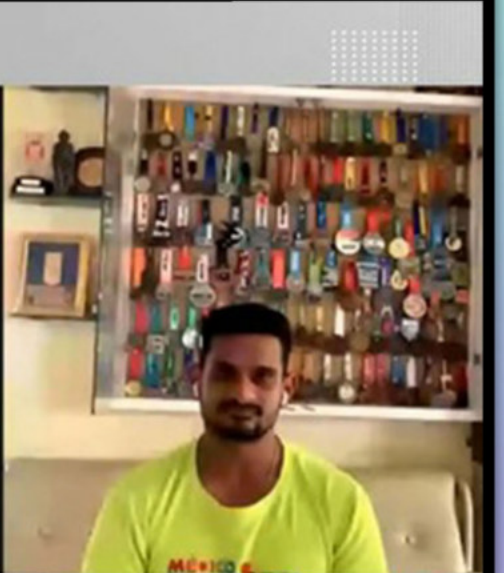
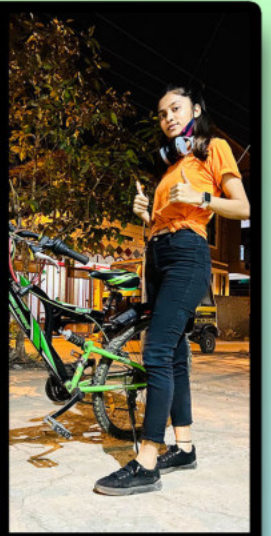
Antakshari

GROUP 3

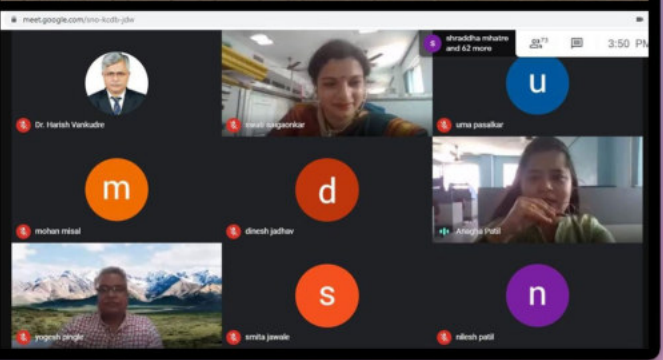
T	U	M	M	I	L	E	D	T	X	T	T	G	L
L	O	W	T	G	V	W	W	U	H	L	Y	W	I
K	M	B	W	A	R	R	O	C	U	T	M	Q	M
G	M	P	W	F	O	X	R	B	K	T	F	C	K
K	O	I	H	A	S	E	E	N	A	J	A	B	W
G	S	I	J	P	R	S	R	J	J	N	A	K	C
A	F	I	T	L	A	D	O	U	T	D	O	Y	K
L	T	P	L	E	P	L	Z	Y	O	J	O	A	T
L	I	P	V	N	N	J	E	F	A	X	T	K	F
I	H	X	L	G	F	A	P	I	D	H	H	H	O
Y	F	L	O	O	J	J	Z	B	D	Z	G	O	R
A	D	D	L	V	T	E	L	I	T	D	M	Y	D
N	L	S	W	O	O	N	B	I	G	V	R	A	V
N	V	A	B	X	Y	P	L	G	M	I	T	W	A

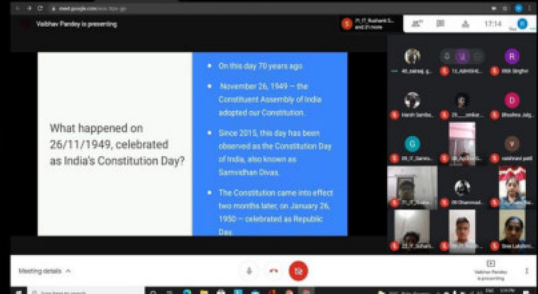
ZEAL 2021 MUMBAI
लोकद्वी
ZEAL VCET





आम्ही जातीचं शेतकरी, खातो कष्टाची भाकरी
आली संकटे जरी, जगतो आनंदे भरी





Constitution Day

Yoga & Meditation



Rashtriya Ekta diwas

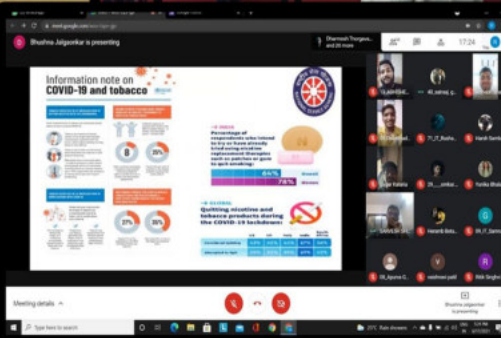
Yoga & meditation



Tree plantation



Army Day posters



Impact of Tobacco on Covid-19




Precautions to be taken for COVID-19 during Ganesh Chaturthi

Ganesh Chaturthi

REC 30_Chintan Sanghrajka is presenting

IOT Based Smart Energy Meter With Software Monitoring

Paper ID: T2_31
 Divyesh Saravia
 Chintan Sanghrajka
 Pratik Ghaware
 Guide: Mrs. Shaista khamam



Vidyavardhini College of Engineering and Technology

30_Chintan Sanghrajka
 11_Shubham Gaur
 13_pratikghaware
 31_Divyesh Saravia



Meeting details

People (21)

- Harish Dadi
- 65_Rushabh Smart
- 66_Akhil yadav
- Kanchan Sarmakar
- Akhil Bose
- Kanchan Sarmakar
- Onkar Salunke
- Akhil Bose
- 63_Rohit Kamble
- shaista kham
- Amit Khare
- 64_sahaj gujar
- 44_Shreelha Patil
- Amit yadav
- 67_Piyush
- 68_Piyush
- 69_Piyush
- 70_Piyush
- 71_Piyush
- 72_Piyush
- 73_Piyush
- 74_Piyush
- 75_Piyush
- 76_Piyush
- 77_Piyush
- 78_Piyush
- 79_Piyush
- 80_Piyush
- 81_Piyush
- 82_Piyush
- 83_Piyush
- 84_Piyush
- 85_Piyush
- 86_Piyush
- 87_Piyush
- 88_Piyush
- 89_Piyush
- 90_Piyush
- 91_Piyush
- 92_Piyush
- 93_Piyush
- 94_Piyush
- 95_Piyush
- 96_Piyush
- 97_Piyush
- 98_Piyush
- 99_Piyush
- 100_Piyush

Meeting controls: Mute, Video, Chat, Raise hand, Turn on captions, Present now

Meeting details

People (21)

- Harish Dadi
- 65_Rushabh Smart
- 66_Akhil yadav
- Kanchan Sarmakar
- Akhil Bose
- Kanchan Sarmakar
- Onkar Salunke
- Akhil Bose
- 63_Rohit Kamble
- shaista kham
- Amit Khare
- 64_sahaj gujar
- 44_Shreelha Patil
- Amit yadav
- 67_Piyush
- 68_Piyush
- 69_Piyush
- 70_Piyush
- 71_Piyush
- 72_Piyush
- 73_Piyush
- 74_Piyush
- 75_Piyush
- 76_Piyush
- 77_Piyush
- 78_Piyush
- 79_Piyush
- 80_Piyush
- 81_Piyush
- 82_Piyush
- 83_Piyush
- 84_Piyush
- 85_Piyush
- 86_Piyush
- 87_Piyush
- 88_Piyush
- 89_Piyush
- 90_Piyush
- 91_Piyush
- 92_Piyush
- 93_Piyush
- 94_Piyush
- 95_Piyush
- 96_Piyush
- 97_Piyush
- 98_Piyush
- 99_Piyush
- 100_Piyush

Meeting controls: Mute, Video, Chat, Raise hand, Turn on captions, Present now

e-Summit '21



SPORTS TO ACTING - HER JOURNEY SO FAR By Ms. Prachi Tehlan



BizCharcha

An entrepreneurial interaction



EPISODE 1 with Mr. Rushi Shenghani

e-Summit '21



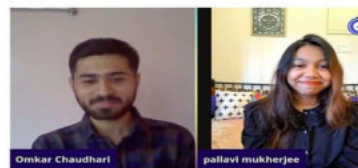
TALK ON ENTREPRENEURSHIP AND BEYOND By Mr. Anand Prabhudesai



VCET ENTREPRENEURS 100



e-Summit '21



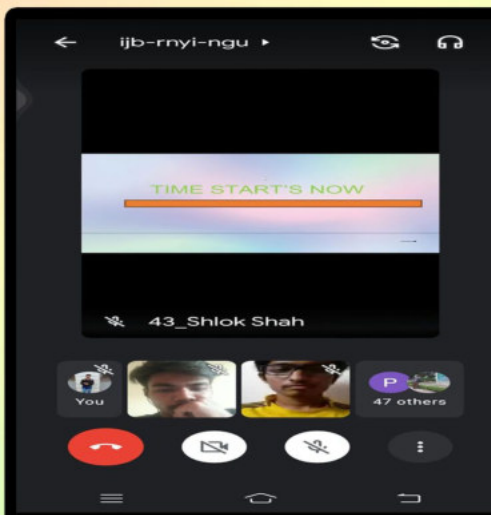
FRONT ROW HIGHLIGHTS OF DIGITAL ENTERTAINMENT INDUSTRY By Ms. Pallavi Mukherjee

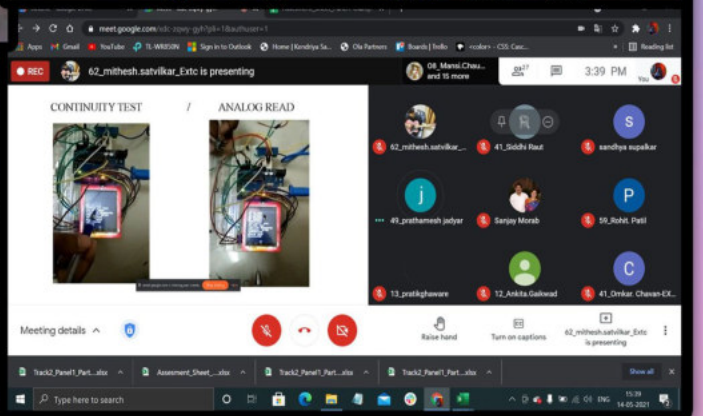
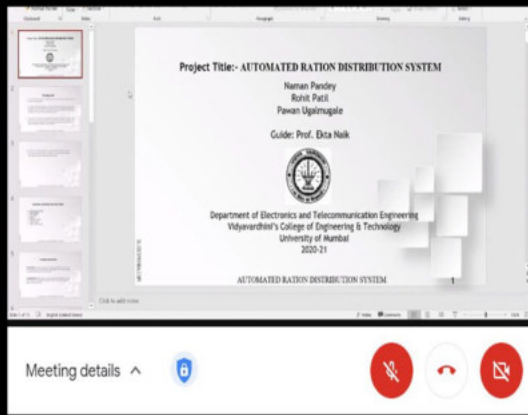
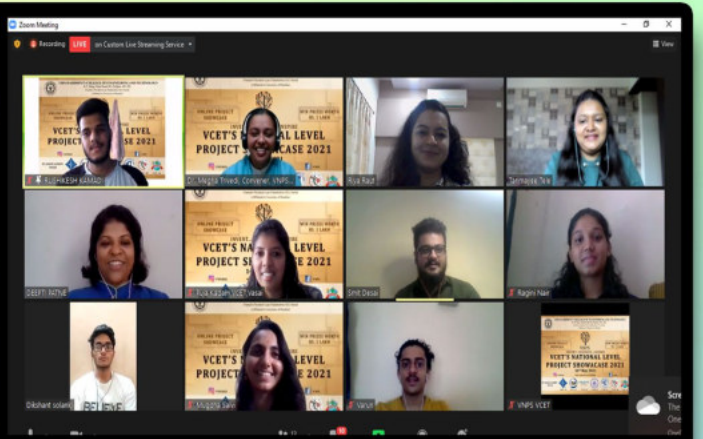
BizCharcha

An entrepreneurial interaction



EPISODE 3 with Ms. Neha Agarwal







FORCE BEHIND LITERATI CLUB

Staff In-Charge
Prof. Swati Varma

Chairperson
Srishti R. Shukla

Co-Chairperson
Kaushik Raikar ,Maria
Matthew, Smit Master

Treasurer
Rimpa Sarak

Chief Co-ordinator
Rahul Gandhi ,
Reeya Shah

Vice-Chairperson
Samruddhi Gamre

Admin
Faiz Shaikh, Rohit
Sawant, Manpreet Juss

Deputy Treasurer
Raj Gajera

English Editor

Zahabiya Dalal
Vishwajeet Mishra

Tech Head

Raj Gajera , Nishmi Amin
Bhavesh Gosavi

Marathi Editor

Mansi Malap
Viren Barole

Organizing Head

Neel Mehta, Sagar
Samel, Neel Panchal

Hindi Editor

Vanashree Gaikwad

PR Head

Varun Nayak
Bhakti Raigawali

Data Executive

Ashwini Walavalkar

Admin Team

Riya Raut
Neha Vijaykumar

Marathi Sub-Editor

Chinmay Raut

PR Team

Isha Kule
Divya Chaudhari

English Sub-Editor

Shreya Malewade
Shivani Kamble

Hindi Sub-Editor

Samriddhi Dubey

Organizing Team

Yuga Vasaikar
Rohan Patil

Tech Team

Insha Mulla , Manthan Patil,
Uday Ghodke



DESIGNED BY: TECHNICAL TEAM (SE),
SAMRUDDHI, BHAVESH

**VIDYAVARDHINI'S COLLEGE OF ENGINEERING & TECHNOLOGY,
K.T.MARG ,VASAI(W), PALGHAR-401202**

**DISCLAIMER: THE OPINION EXPRESSED IN THE MAGAZINE ARE THOSE OF THE AUTHORS AND
VIDYAVARDHIN'S COLLEGE OF ENGINEERING AND TECHNOLOGY DOES NOT NECESSARILY
SUBSCRIBE TO IT. CONSEQUENTLY VCET IS NOT RESPONSIBLE FOR ANY ACTION OR
CONSEQUENCES DIRECT OR INDIRECT ARISING FROM THE USE OF THE MAGAZINE.**

FOR INTERNAL CIRCULATION ONLY NOT FOR SALE.