



# VOICE

## 2020

*Advancing towards eminence*

ARTICLES  
CARICATURES  
FICTIONAL  
SKETCHES  
POEMS

**ISSUE 18**



# GCET VOICE 2020

## Editorial Board



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(Convener)



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## Student's Editorial Team



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Nidhi Desai



Shruti Tuli



Sagarika Das



Anmol Shah



Yuvraj Kamaliya



Bhargav Patel



Annual Magazine  
of

**G H Patel College of  
Engineering & Technology**

(A CHARUTAR VIDYA MANDAL INSTITUTE)

**VALLABH VIDYANAGAR**

ISSUE-18

**2020**

## *Publication Committee*

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Dr. Jayvirsinh Rajput (Convener)

Dr. Kaushik Nath

Prof. Vishal Prajapati

Prof. Sukritindra Soni

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Aaush Bhardwaj Singh

Nidhi Desai

Shruti Tuli

Sagarika Das

Anmol Shah

Yuvraj Kamaliya

Bhargav Patel

### **About the Cover**

The most passionate dreamers don't frame a clear illustration, rather they see a silhouette. They look for a void to mould into, in a vividly bright surrounding. Abiding by the mantra of "*Advancing Towards Eminence*", the cover page is crafted to instil a sense of exuberance among the people, to stretch out and surge beyond the cultivated boundaries., for it's time not to assent to the contentment but to soar the valorous spirit higher. The birds leaving the tree branch, gliding all around and rising higher which denotes the up rise to strive for the soaring extent and depart from routine contentment. It emboldens the vitality to break free the ordinary satisfactions and sway with mettlesome spirit to attain the heights. The bright orange yellow gradient refers to the dawn, we should always envisage a fresh blooming commencement of a new phase of life.

Any opinions, views and observations expressed in this book are those of the authors and do not necessarily reflect the views of the publication committee.

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## *Chairman's Message*



It is my immense pleasure to learn that GCET is publishing its 18<sup>th</sup> issue of the Annual Magazine GCET VOICE on the 24<sup>th</sup> Annual Day. Established in the year 1996 with just two undergraduate programmes, today GCET is one of the pursued destinations of engineering education in the state of Gujarat. It is the endeavor of the Charutar Vidya Mandal to make the academic like, a smooth journey full of joy and discovery. Charutar Vidya Mandal believes in holistic education for the youth of Gujarat, surrounding — academics, co-curricular activities, sports education and life-skills learning. Our endeavor is to strike a balance between state-of-the-art infrastructure and an internationally acceptable education. We impart education that is based on conscience and we rear a breed of young minds that are bustling with self-confidence, motivation and are ever ready to take up challenges.

The college magazine is a platform for the students to manifest their creative pursuit which develops in them the originality of thought and perception. The contents of the magazine reflect the wonderful creativity of thoughts and imagination of our young students. I extend my warm wishes to the principal, staff and students of GCET to continue this journey on the road of excellence.

I take this opportunity to congratulate the editorial team of GCET VOICE and wish that the magazine to be one of the leading periodicals of the country.

**Er. Bhikhubhai B. Patel**  
Chairman  
Charutar Vidya Mandal

## *Vice President's Message*



I am happy to learn that GCET is bringing its enormous part as one more issue of the annual magazine "GCET VOICE". Academic excellence along with co-curricular and extra co-curricular activities completes the process of education. And it gives me great satisfaction that GCET is succeeding in all its endeavors towards the overall development and personality of the students.

The college magazine is a medium by which the students can express their creativity, emotions, opinions and thoughts.

Dear students, as you are the nation-builders and future of developing India. You are the movers of technology and tech-savvy. You are the agents of change. It is our fervent hope that the years that you spend in GCET would enable you to equip with leadership and managerial skills. The knowledge that you will gain, the fine qualities that you will imbibe and the technical skills that you will learn to apply will be your major contribution to your parents, to society, and to the nation.

I convey my best wishes to all the students of GCET for a successful career with flying colors.

**Shri. Manishbhai S Patel**

Vice President

Charutar Vidya Mandal

## *From the desk of Principal*



I glad to know that the publication team is ready with the 18<sup>th</sup> issue of college's annual magazine GCET Voice- 2020.

The college magazine is a mirror which showcases the activities and achievements of the institute. From the year of institute's foundation, every year we have documented all activities of the institute in form of the college Magazine named GCET VOICE. Really it is a happy moment to see that we are maintaining the tradition and publishing the college magazine for this year too. The magazine presents the glimpses of the growth of the institution on many fronts. The highly qualified and dedicated members of staff have always raised shoulders and have carried out their duties with a high level of commitment.

GCET has outstanding infrastructure facilities and is well-known for its high quality of educational standards and dedicated staff members. We cannot forget the contribution made by our well-disciplined and responsible graduated and ongoing young students. The concrete efforts put up by the staff and students reward in terms of continuously improved national ranking of the institute year after year. Placement is another front in which the institute has made upward strides only. However, R & D and consultancy are the areas in which we still need to brace ourselves up. In the globally competitive world, we have to make ourselves better than the best. Keeping this point in mind all the stakeholders of GCET have to work smartly for the bright future of our institute.

I take this opportunity to congratulate all the members of the editorial board of GCET VOICE and convey my best wishes to staff and students for their future endeavors.

**Himanshu B Soni**  
Principal,  
GCET

## *Editorial Jottings*

In the era of digital revolution, it is inevitably expected to think of the digital literacy of the mass in India. The question of literacy has already been wiped out to certain extent in the country, but at the same time to progress ahead to compete with the future –world new challenges have already arrived at our doorstep and that's regarding the digital literacy. In the flood of 'whatsapp', 'facebook', 'twitter', and many more social networks the young minds are flowing their ideas, imaginations, creativity, expression in altogether a new flavor of language and novel trend of communication is born on the virtual world. GCET Voice is a platform to young and enthusiastic students to present their creativity in the form of writing different literary aspects and drawing.

The publication of 18<sup>th</sup> edition of GCET VOICE highlights and encompasses the variety of innate to the academic and extra-curricular spaces in GCET. The magazine continues to expand its reach to achieve its vision of being a truly representative student publication. I take this opportunity to place on record my sincere appreciation and gratitude to principal and other colleagues of the publication committee and also the student members of the editorial team without whose enthusiastic support the publication would not have seen the daylight. I hope the publication of GCET VOICE will act as a spur in inculcating the talent and blossom the creativity of the young students. The team hopes to build on this ethos just as much during the upcoming academic years as well.

**Dr. Jayvirsinh Rajput**  
Convener, Publication Committee  
GCET VOICE 2020

## *Students' editorial team speaks...*

GCET voice opens the gateway to exclusive scripting indulgence for the students of our college and disclose their comprehensive stock. It was a wonderful experience to be a part of GCET voice and to witness such a fair amount of writing brilliance in our institute.

- Asmita Mukhopadhyay

Just as a traveller in a desert is confronted by seeing an Oasis, GCET VOICE is an oasis which takes us out from the exuberant technical world and puts us into an enchanting world full of beautiful write ups and melodious captures by the students of our college. It was a pleasure to be a part of this enthralling journey.

- Nidhi Desai

An engineer is said to be an amalgamation of expertise in science as well as a plethora of arts. GCET Voice is the fine assortment of such arts that reflect the co-curricular finesse and the academic eminance of the students. It has been a privilege in aiding something so sublime and committed.

- Sagarika Das

Collection of tits and bits from creative personals, which takes a form of annual magazine called GCET Voice. This concept motivates engineering students to think and share their view through articles, photographs and even sketches. Being a part of editorial team was a wonderful experience, encouraging the hidden and unexplored talent of fellow engineers.

- Anmol Shah

Elegant in its own way, GCET VOICE not only gives a chance to express your weirdest ideas but also it is a community where readers and writers come together. I, not only got the chance to work with an outstanding team, but got an opportunity to show my skills. Speaking simply, "It's worth it".

- Yuvraj Kamaliya

## *A Dream*

**Varun Pravinkumar Jadav**  
Mechanical Department

You have your head with others lined,  
Readily accept what is fed.  
Doing routines quite assigned,  
Not knowing what lies ahead.  
Nightmares now lie behind,  
And something inside is dead.

Something insignificant caught you,  
You chose to keep it aside.  
It still makes your thoughts askew,  
You can now no longer hide.  
Your attention now in its hue,  
It's time to choose a side.

Would you risk it all for this?  
Can it add any more value?  
Will you reach an eternal bliss?  
Or live a life anew?  
What about the things you miss?  
Will they be waiting and due?

It is all to be found out,  
A new path to be paved.  
Your will to answer your doubt,  
Consequences to be braved.  
Your energy on a reroute,  
Every second to be saved.

Make no mistake of thinking thrice,  
A single chance you've got.  
Give efforts over suffice,  
Let it have your heart allot.  
Show no mercy or vice,  
And soon the storm will be caught.

Never let it be small, for it is a crime!  
Big enough to make you daydream.  
May your universe revolve around it all time,  
Have yourself be able to redeem.  
You'll see then everything rhyme,  
And have yet another sweet dream!

## *At a certain point I lost track of you*

**Harsh Sharma**

Electronics and Communication

Reimagine me, please.

The smell of crushed cardamoms,

Slowing of vehicles, cloudless firmament, crevices of my eyes:

Lashes. Dark circles. Lashes. Dark circles.

Into the white sea, floating, alongwith black speckle,

or was it?

Black sea, floating, with white fleck.

I wonder.

Reimagine me, please.

Through kaleidoscope, of all the reflecting surfaces I am made of,

and of all the reflections which went away;

'Went away',

peculiar couple of little words,

having a husky smell of absence,

as if they're the cousins of almost,

almost present;

almost went away:

carving,

because no one remembers their childhood,

moulding,

because I am making a list of times you look at your hands to remember which side

is right and which is left,

reimagining,

because lately my eyes are looking for edges,

edges of door thrusting shut,

edges of the dinning table at home, and the feeling of its expanding, like this

universe.

Reimagine me, please.

Because we have failed to hold this reality in mind.

## *Birthday Memories*

**Atharva Joshi**  
3<sup>rd</sup> Year Electrical

So long, so forth  
A day has come  
of all the worth.  
More than excited,  
What it would be?  
Waiting for months now,  
I'm glad you're about to see.  
Whispering smiles in your ears,  
Gifts, roses and teddy bears.  
Happiness awaits, all these years  
Just wait for it and have no fears.  
Strong enough, to keep on your own  
You've made yourself brave, not alone.  
Addressing these adjectives was never so easy,  
I don't know what I'm saying, I'm super crazy!  
Happy and smiling you're so pretty always  
Keep doing good things, just in right ways.

## *DARK WOODS*

**ANTARA ROY**

Electronics & communication

I often come around here to hike  
The place where my heart fills with gay.  
In the silent wood near which I like,  
Spending time with nature and stray.

But now there's none,  
I am worried for your diminishment.  
You gave us reasons to have fun,  
The only thing thrives is astonishment.

Strolling through picturesque serene,  
Absence riddles and makes me graceful  
How mankind can turn so mean,  
To nature who has only been helpful.

Being in love with you is like,  
Being lost in sublime wanderlust.  
I often came here to hike,  
But the happiness you gave will never rust.

## *Explicit Goal, Firm Determination*

**Rana Jatan N.**

Mechanical Engineering

This is the simple story of a simple boy, Vinayak. From a humble home, his father Narharbhai was a hardworking weaver, and mother Rakhubai, was a holy, kind hearted woman, imbued with the spirit to help others. Vinayak had a religious and spiritual background at home. His grandfather, Shambhuraao was a great devotee. Altogether, they had a very deep impact on Vinayak's life.

Vinayak was a scholar, Mathematics being his favorite subject. In school examination he always secured first-second rank and won many books in the form of prizes. He was a keen reader and spent most of his times with books. He also studied Gita, Ramayana and Mahabharat during his childhood.

At the age of 11 Vinayak decided to go for celibacy and attain internal peace. His relatives denied him from procuring that path because he had long life left and so many things were left to be done by him. Vinayak insisted to walk on his chosen path and claimed that if no-one were to be on his side, God would be with him against all odds.

He had firmly decided that he would not do any kind of job, business or trading to earn money. His selflessness and detachment from the materialistic achievements was well known to all. He was known to have burned all his certificates of all exams and achievements in one of the winters when his family required fire for warmth.

Later on, on the insistence of his family, Vinayak went to Mumbai for an intern exam via Vadodara. When the train reached Surat he gave a letter to his friend and told him to give that letter to his family wherein he wrote that he was off to some place and that he wanted to be detached from the materialistic world. He ensured them that he would be away from addiction of any sorts and that they have faith in him. With this, he went to the Himalayas and then to Banaras.

Till this part of the story, you might Vinayak was an impractical or foolish boy. But the coin fell another way and this Vinayak become none other than pioneer of "**Bhoodan Movement**" and the **Bharat Ratna** "Acharya Vinoba Bhave".

**Clarity in Goal and firm determination** were the prime keys of this wonderful transformation. The Gita was also translated into Marathi language by him. He also supported indigenous movement with his simple living and high thinking. He was chosen as the first personal leader for the nonviolence movement in 1940 and became the **National Teacher of India** and the spiritual successor of Mohandas Gandhi. Let us be inspired from this unsung legend.

## FAILURE-THE REASON I'M LEARNING NOW

**Muskan shama**  
CIVIL Branch

Teenage suicides- I choose this topic because I know many teens can relate to this issue and for me it is easy to discuss...

We often get to know on news that some teenager committed suicide due to failure in exams, or due to breakup or some other situation of downfall that lead to a condition of depression. To those who are going through a similar phase of life, I just want you to know that no matter how bleak your situation is or no matter how many bad things happening with you, just remember one thing that: THIS IS NOT THE END OF YOUR LIFE! I know it is not easy but if you just stay with problem you will find that the tough moment will pass.

For me I just think the reason anyone gets depressed always comes down to the consistent thoughts of the depression causing situation.

I had studied about some people who end their life because they thought they were not good enough.

A thought,

A belief within them,

Told them they are not worthy!

I just want to say that UH MUST VALUE yourself!

TO TAKE THE TIME EVERY SINGLE DAY TO WORK ON YOU...

We should engage in something that ensures us to be a positive influence to the world.

This of course doesn't mean life will suddenly be perfect. The same challenges will show up. But I think if your mind is strong, if your mind is at peace, your reaction to the challenging times will be different. Your reaction will be "How can I make this work", not "Why this is happening to me". Then others will look to you, NOT WITH PITY.... BUT WITH HOPE!

You have to leave the pain behind and focus on how you will be re-act next, how you will react positively. You have to take steps to ensure you will be in a better position next time whatever pain you are suffering from. Take little steps and soon you will be at the top of staircase

All I say is: DONT give UP....you are worthy and we allow to the world, a positive

change for others ...to be an inspiration for others who will look at you and say:

HE DID IT

SHE DID II

AND I CAN DO IT TOO!

*\_\_\_ LIFE GAVE YOU AN OPPORTUNITY*

*YOU MISSED IT !!*

*NO PROBLEM*

*YOU WILL GET ANOTHER GOOD DELIVERY ON THE PITCH OF YOUR  
LIFE!!*

*THIS IS NOT THE END*

*THIS IS NOT THE ULTIMATE FAILURE*

*THIS IS THE REASON*

*THAT I AM LEARNING NOW!!!!*

## *Failure – A Way To Success*

**Daniel P Victor**

(Mechatronics Dept.)

In the present era, where the competition is at its peak, for most of the people, failure is the end but in fact, it's the beginning of success. Failures are never meant to make you feel weak or to destroy your career rather it's to make you bold enough to face your future and make you capable of facing challenges in life. Arianna Huffington quoted "Failure is not the opposite of success – it's a stepping stone to success." It will be a stepping stone towards success for only those who fight back. It will make you realise your weakness and by hard work, you can turn your weakness into your greatest strength. During the time of failure, people around will judge you, criticise you, their words may hurt you but never be disheartened rather be bold and think how can you overcome your failures and work hard to turn it to success. Doing so the people who criticised you once, will respect you for your achievements and they will praise you by the same mouth which they once used to criticise you. Vince Lombardi quoted "It's not whether you get knocked down. It's whether you get up."

I'm sure you've all heard of the disease "Yellow fever". It killed millions of people all over the world. In 1937, there was a young doctor named Max Theiler, who was testing a vaccine on mice. Theiler and his co-workers attempted the use of ninety-nine different substrains of the virus in their vaccine, but each and every time the mice died, until finally, on the hundredth attempt they found it. I believe each and every time when Theiler and his co-worker failed they might have got disappointed, felt depressed and anger might have arisen in their minds but they encouraged and motivated each other which lead them to success in their hundredth attempt.

R. Madhavan in a TV Show Mega Icons quoted, "There are some who complain about being born in the wrong place, growing up in difficult times and not realising their dreams and yet there are others who realise their dreams no matter what the odds are, they consider disadvantages to being opportunities and hardships to be training." In 1979 Dr A.P.J Abdul Kalam was the mission and project director for the Satellite Launch Vehicle SLV-3. His mission was to put the satellite in the orbit, thousands of people worked for nearly ten years. During the launch when he reached the launch pad counter the computer put a hold alerting don't launch there's a leakage in the system. Dr Kalam was the mission director so he has to take sudden action, he bypassed the computer, launched the system. It was a four-stage rocket, the first stage worked but the second stage went wrong, it went into a spin. Instead of putting the 20 crores satellite in the orbit it was put in the Bay of Bengal. The SLV-3 satellite launch vehicle

was a failure. Dr Satish Dhawan in the press conference said, "Yes, it's a failure the first time we have launched and definitely we will succeed in a year time." Dr Kalam took the responsibility of the failure saying "I'm the mission director, I'm the project director, I have failed the mission." It was the first-ever failure he had to face. He never took failure or setback as a personal judgement rather he handled the failures with a stout heart. During the time of failure he always encouraged himself by saying, "the time has not come, I will crosscheck my efforts, I will plan it in a different way but still, it is not happening I will wait, but I will not give up. I will try again after some time, again and again, I will try."

One year later he and the SLV rose like a phoenix out of the ashes. The learning from his failure led to his success. In 1980 Dr A.P.J Abdul Kalam, the project director in Indian Space Research Organisation (ISRO) sent the SLV to the space with its satellite, Rohini. India now was a space-faring nation with an indigenous launch vehicle. One year later, in 1981 he was awarded the Padma Bhushan, India's third-highest civilian award. Ten years later in 1990 after the successful launch of the SLV, he was awarded the Padma Vibhushan, India's second-highest civilian award. In 1997 he has conferred the title of Bharat Ratna, India's highest civilian award. On June 8th 2006 he earned his wings and become the first Indian president to go supersonic in a Sukhoi 30 MKI jet, the same youngster who applied to fly fighter aircraft in Indian Air Force came 9th rank in the list and got rejected. An ordinary newspaper boy from a little-known town on the coast of Bay of Bengal who saw the seagull fly, the British aircraft roar past in a small town in Tamil Nadu had now flown a rocket and a satellite to space known as "The Missile Man of India." Who rose to become the 11th president of India commonly known as "The People's President"

Always remember kids throw stones to the tree bearing fruits. The stones are thrown at the tree for its fruits, no one will throw a stone at a non-fruit bearing tree. If you are facing failure that means the best is yet to come out of you, find out your weakness, mistakes, work hard on it and keep on trying till you succeed. Never turn your life into a void that can't be filled rather turn it into an empty canvas with endless possibilities for what can be created. We must never be the victims of the circumstance we fear, but creators of the circumstance we want. The adversities and hardships are to make you reach until you reach your ambition and success.

## *ISRO's NavIC GPS: Tech that will revolutionize forthcoming smartphones in India*

**Yash Shimpi**

1<sup>st</sup> year Chemical

NavIC GPS which is an Indian technology has gained global recognition. Due to its Indian origin, forthcoming smartphones in Indian Digital market will consist the chipsets that will support the Indian satellite constellation (NavIC). Companies like Xiaomi and Realme will be launching its new line-up of smartphones containing Qualcomm's chipset. This chipset has support for NavIC.

What is NavIC?

NavIC is entirely made and developed by the team of ISRO, and was first introduced in India in 2016 when our Hon'ble prime minister Shri Narendra Modi inaugurated this technology and now in 2020 its finally coming to smartphones.

ISRO has launched 8 satellite out of which, 7 of them will provide positioning, location-based services, navigation, timing services (PNT) and the other one will be used for messaging services (IRNSS1-A).

NavIC only focuses on India and ISRO and is considered to be more accurate than the America-based GPS with position accuracy of 5-metre. NavIC is powered by dual frequency (S and L bands) while GPS works only on the L-band, making the former more useful and accurate than GPS.

The most popular technology used is currently for smartphone devices is GPS, but what most people don't know is that GPS is not the only technology available these days. Other countries like Russia has its own GLONASS, on the other hand European union and china have their Galileo and Beidou navigation satellite system (BDS).

Next time while buying smartphone watch out for the chipset used in it, if it contains Snapdragon 720G, 662 and 460, it will have 4G along with Wi-Fi 6 and integrated Bluetooth 5.1 which will support dual frequency (L1 & L5) GNSS (global navigation satellite system).

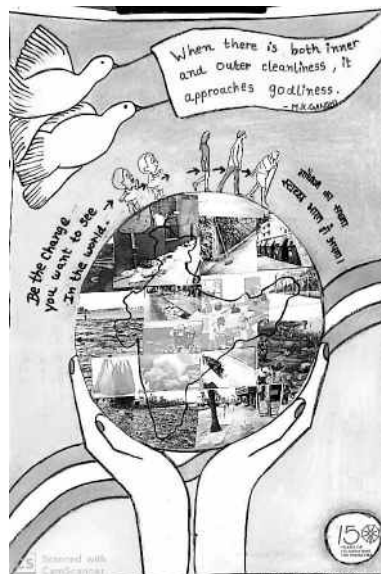
Lot about smartphones, now let's talk about some of the other applications of this technology, Indian air force will be implementing NavIC into its fighter jets for navigation uses. Other uses of NavIC include disaster management, geodetic (applied to land surveillance) data capture, aerial and marine navigation and more.

Also, commercially registered vehicles after April 1<sup>st</sup>, 2019 are supposed to have NavIC tracker.

Chairman of ISRO, Dr K Sivan was asked about the initiative Qualcomm is taking, replying he said, "ISRO is satisfied by the efforts of Qualcomm technologies. We urge OEMs to implement NavIC in the future. NavIC will enhance the geolocation capabilities of the smartphones this will further help the Indian consumers in their day to day use".

Further he added that ISRO has been sanctioned by the international body 3GPP for its consumer usage and allowing the ISRO to collaborate with Qualcomm.

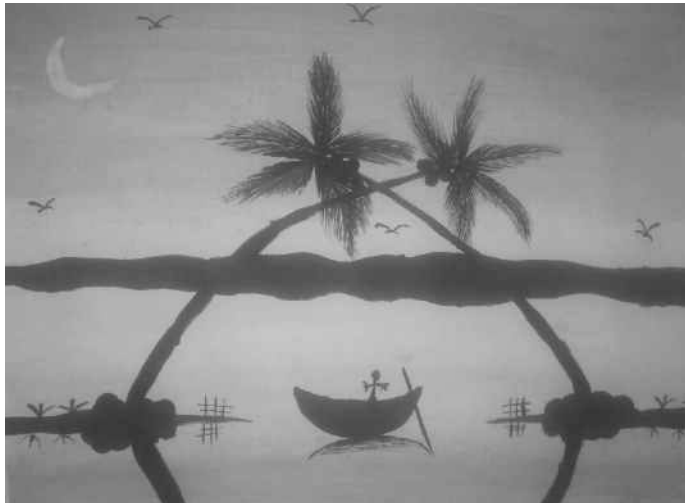
However, Xiaomi's global VP and MD Manu Kumar Jain tweeted "Xiaomi's next line-up will consist of Qualcomm's SD865G, SD765G and SD720G out of which SD865G is a flagship chipset which has will be proving high resolution graphic rendering on smartphones for playing high end games. These smartphones will consist 5G support."



## *Kaun Ho Tum?*

**Siddhant N. Newaskar**  
3<sup>rd</sup> year Mechatronics

Jo dil me bas jaaye, vo khoobsurti ho tum,  
Jo dil ko chir de, vo teer ho tum.  
Jo phoolon ki khubsurti badhaaye, vo khushbu ho tum,  
Agar mai dard hu, to marham ho tum.  
Mai agar ubhalta suraj hu, to sheetal chaand ho tum,  
Jo poora jahan dekhe, vo nain ho tum.  
Beh jaau tere aankho ke samandar me, doobne me bhi koi gum nahi,  
Kyuki maut bhi aaye, to mukti ho tum.  
Kya jisne ye jahan banaya, kahi vo bhagvaan hi to nahi tum?  
Mai koyal, to meri awaaz ho tum,  
Mai sher, to meri dahaad ho tum,  
Mai ped, to meri jade ho tum,  
Mai dukh hu, to chehre ki Muskaan ho tum,  
Mai maut hu, to zindagi ho tum,  
Kamaal ki baat to yeh hai, ki jeete ji marna bhi sikhaati ho tum!  
Jaate ye to batao, akhir kaun ho tum?



## *Me, the Indian Army*

**Vanshika R Jhaveri**  
2<sup>nd</sup> year Chemical

Rolling down the window, I bought a tricolor flag  
Holding in my hand I accumulated many dreams in a bag,  
I wave it in the air and claim my heart,  
I will serve the nation as long as my body depart.  
Guided by fear and trained by authority,  
I went on the path of discipline and unity,  
Under the "National cadet corps" title,  
I stood straight with khaki on body, a badge and the red hackle.  
From the degree that goes to captain from major,  
I had tough trainings, camps, aching legs and bright sun to measure,  
But all this landed me on Lieutenant,  
With a proud face and some more steps in remnant.  
With broad chest of courage I entered it,  
The Indian armed forces for which I breathe,  
From troughs as Sepoy and Naik I commence the voyage,  
Finally reaching the Subedar major; increasing stars was my wage,  
Sharpening my blades and challenging my ability,  
For the blue sky and peace under stability,  
From rifle regiment and amblem on uniform,  
Accelerating my spirit by knotting the decisions firm,  
And I earned something more than 22 carat,  
I am an Indian soldier wearing the Maroon Beret.

## NATURE AND A BOY

**Bhargav Kadvani**  
Mechanical Department

Sun and the clouds being the nicest pair,  
Trees sprinkling the essence of joy to the pair,  
Sun hiding demurely behind clouds and trees,  
Boy said caught you Mr. Sun,  
Trees said detective little boy,  
Cloud said lemme hide you Mr. sun like properly,  
Mountain quoted HOW WILL THE BOY FEEL FORTUNATED THEN,  
Sun told the boy, not completely spied me,  
As the Sun started descending,  
The trees began hiding it,  
But the boy was very much curious about seeing the holy Sun,  
The Sun won in hiding itself,  
Mountains feeling pity, clouds being neutral,  
Yes, the sunset happened,  
Seeing the colors of the sky made the boy calm and serene,  
Made the boy forget the excitement of seeing the sun,  
TEMPORARILY,  
And the boy slept to night with a happy face of seeing the colorful sky,  
Next day the morning been extra sweet and pleasant,  
The clouds, trees moreover the sun felt pity for the boy,  
Mountain jeering them on the other end,  
All of them combinedly made a cute setup ready,  
But the threat in their mind was if the boy would be still curious about the Sun!!!  
But the threat didn't last a long,  
The boy, more curious to be fascinated to see the holy Sun,  
The boy tightening his bag, tightening his shoes took over the cycle,  
Making the jaws steady and still on the pedal,

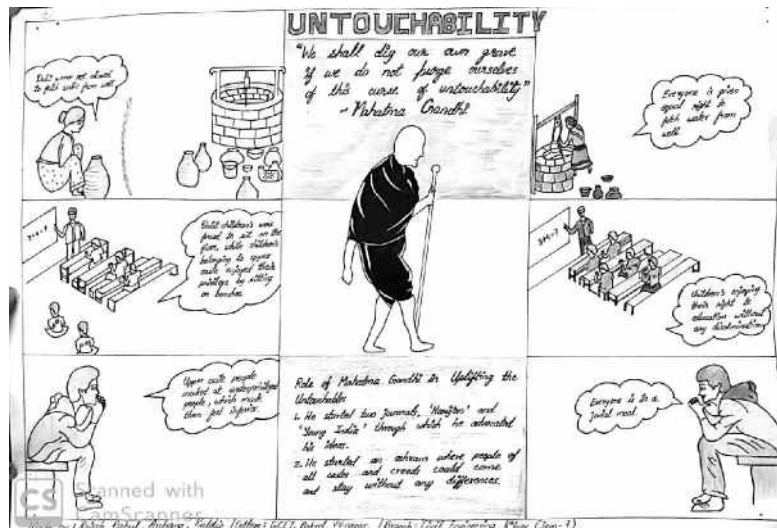
Rotating the chain by pedaling, transmitting power to the rear wheels,  
Advancing towards the eastern mountains from where he had to see the sunrise  
without a miss,  
But the misfortune hit him, tyre got punctured,  
Going to the nearest mountain was the goal and goal failed disastrously,  
But the spot of the boy seeing the sunset was itself decided by the NATURE,  
Sun begun rising from the backyards of group of trees,  
Clouds remained untensed and staggered as a good will gesture,  
Farm had water over it,  
The reflection of sun and the clouds embedded in the sky made the boy mesmerize,  
The boy thanking everyone combinedly said "NATURE IS HEAVEN".  
"FINDING HEAVEN ABOVE SKY IS A WASTEFUL STUFF,  
FEELING THE HEAVEN ON THE EARTH IS TRUSTWORTHY AND SOUL MELTING STUFF"



## Playing Dead

Sumit S. Ghodke  
 3<sup>rd</sup> Year Mechanical

Shadows of the past  
 Haunting you till dusk  
 Tearing your apart  
 Hammering your soul with thrills  
 Thrills that make you insomniac  
 Thrills that claim your confidence  
 These shadows of the past  
 Which slowly make you hollow  
 Are only afraid of the light inside you  
 Which is slowly diminishing  
 But only you can create your light  
 Which is through  
 Hope, inspiration, dream  
 A goal and a passion for it  
 And the one who cannot create it  
**Is the one Playing Dead.**



## *Qaboos Bin Said Al Said*

**Varun Pravinkumar Jadav**  
Mechanical Department

Qaboos was the ruler of Oman as the fifteenth descendent of the Al Said Dynasty. He ascended to the throne after overthrowing his father in a coup d'état with British support in 1970. The country then known as Muscat and Oman was a poorly developed country with an economy mainly based on fishing and farming. It lacked infrastructure and had only six miles of paved roads and poor hospitals and schools.

Qaboos used the oil reserves to boost the development of the country and laid down a modern infrastructure of ports, airports, roads, healthcare and schools. Qaboos established the Omani Riyal as the new currency instead of the Indian Rupee used before. He took important steps like electrification of the country and abolishing slavery.

Although Oman being an absolute monarchy remains a terrorism free country and one of the most peaceful country. It has close ties with Iran, India, Pakistan, United Kingdom and the GCC Countries. Oman has maintained its tradition of being a neutral country and promotes peace in the region. This had helped to reach the nuclear deal between the United States and Iran. Being an Islamic country Qaboos promotes other religions and has built holy places of other religions in the country.

The country consists of 20% Indians mainly people from Kerala, Tamil Nadu, Gujarat and Maharashtra and depends on this expat workforce for being skilled engineers, doctors and they hold important positions in the society. Qaboos has been supportive and cooperative with the Indian Government. This has resulted in The Indian Navy holding birthing rights at ports in Oman.

He lived a rather simple life and used to talk to the citizens upfront about their problems. Being the fan of classical music, he formed a highly reputed 120-member orchestra and the construction of The Royal Opera House Muscat. Qaboos had divorced from his first marriage and had no heirs.

He was the longest reigning ruler in the middle east with the support the people of the country. He died of poor health on 20<sup>th</sup> January, 2020. Having no heir Haitham Bin Tariq became the ruler of Oman after opening the official letter by Qaboos naming him his heir.

## *Quit Social Media*

**Harin M. Patel**  
3<sup>rd</sup> Year IT

Hey there reader! I am not here to motivate you. I am just reiterating the things that you already know. Do you use Instagram, Snapchat, Facebook? Yes, obviously! So now let's talk about some numbers: an average man spends 53 mins on Instagram, 40 mins on Youtube, 28 mins on Whatsapp and 50 mins on Facebook/Snapchat, all from the precious limited 24 hours of the day. These numbers and data are from "U.S. BUREAU OF LABOR STATISTICS".

Now you think...you waste an average of 3 hours from your precious 24 hours. I am not saying don't use social media but if you want to achieve something in your life, this is the time to do something. Social media distracts you and you also know that. If you think about a successful life, the first basic step to quit social media.

Here the point is not social media and I am not here to say any disadvantage of it. I am talking about you. Here are some questions for you.

Ask yourself:

1. Who are you?
2. What you want to do in your life and what you do.

Now let's focus on yourself. Hey, You! You are the only one who is responsible for what happens to you.

First thing is to know more about you. Talk to yourself, not that online friend. Share things with your parents. Know more about your weaknesses and strengths. This is the time to improve yourself and be better and stronger than yesterday. Like for instance, if you are not good at English you should try to read some books so that your English improves. But if you merely want to increase your followers, you are busy making strikes rather than your future, you are looking for a girl to date but do not look at what your parents did for you till this date, my dear friend, you are in a tough spot.

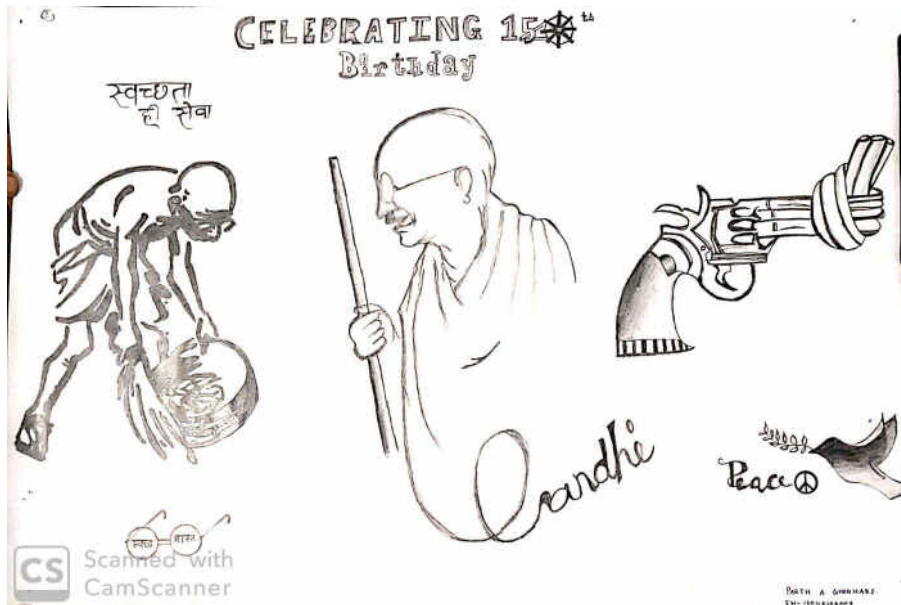
**" A midnight conversion with a girl cannot give a job later "**

There were always those goals you wanted to achieve but never got the motive to start, and Dost, this is the time to act so that later in the future, you will not be at that point when you realize that there is nothing to achieve. Such future would be dark and would make you feel down and then, coming out from that ghastly situation would be tough for you.

## How to Quit?

- I know it is very difficult for addicted people who use their phone 5-7 hours daily.
- So first uninstall your social media apps like Instagram, Snapchat etc.
- Now first decided your goal and go for it. Whenever you are free, search for your likes and dislikes.
- Work on yourself and improve everyday.
- Take one task and start working on that and yes decide that don't use your phone until the task is completed.

Now let's talk about me. I quit my social media 5 weeks ago. I have some knowledge and some topics that I want to share with the audience, but like you, I am as well addicted to my phone. I always wanted to write something but it failed every time because of this gadget of mine. I am not good or familiar with English that much, but still I tried to convey my message to you. If I wanted to do this same thing in Hindi or Gujrati it would have been very easy for me but I went for my weakness. Quitting social media has been one of the best decisions ever in my life.



## Story of an Introvert

Sumit S. Ghodke

3<sup>rd</sup> Year Mechanical

Mumbling in the dark  
Staring at the corner  
Afraid to ask  
Shy to meet  
Listening carefully  
Making assumptions  
Planning great things  
Fighting against leaders  
Away from the surroundings  
Accusing ourselves  
Finding inspiration  
Waiting for a light to catch us  
Jealous of the bold  
Writing somewhere  
Thinking always  
We grew to beat the best  
**We are the Introverts**  
With creative mind  
And unusual habits  
Trying to merge  
And be the best  
Trying never to lose hope  
**We are the Introverts.**



## *Yeh Dil bhi kitna nadan sa hota hai*

**Amisha Narsingani**  
Computer

Yeh Dil bhi kitna nadan sa hota hai...  
Chhotti si khushi milne par,  
Iske paar nikal aate hai.  
Kisike halki si taarif krne par,  
Aasaani se behal jaata hai.  
Apne chahne wale ki hasi dekh,  
Vo apna jashn manata hai.  
Bas thoda sa hi koi muskuraade,  
Toh uspe jaan chhidak deta hai.  
Yeh Dil bhi kitna nadan sa hota hai!



## *National Perspective*

**Dr. Hemant R Thakkar**

Associate Professor, Mech. Engg. Dept.

Patriotism or national pride is the feeling of love, devotion and sense of attachment to a motherland. This includes alliance with other citizens who share the same sentiment. This attachment can be a combination of many different feelings relating to one's own homeland, including ethnic, cultural, political or historical aspects. It encompasses a set of concepts closely related to nationalism.

We all do not get a chance to choose the birth place, parents, family members and nation. It is driven by the almighty. We are blessed with wonderful nature including sun, mountains, rivers, seas, rain, plants and trees, grains and fruits, animal kingdom, air, environment, etc. These are playing an important role in our life irrespective of everything. Hence, everyone should be grateful for these precious gifts of God. Also we need to be loyal towards everyone and everything.

India is a great country with very rich history. Even though an increased education level, there is no great change in the behaviour of people. Still we strive to increase awareness about saving water, reducing pollution, protecting natural resources, etc. Our contribution as a social member is an important aspect for the development of nation.

If we clean our house, and throw the waste in the surrounding area, ultimately society is deteriorating. We have to think in such a way that, we clean our house and society is not deteriorated. Similarly, there are many aspects where, our perspectives need to be reoriented. Instead of praising better system of western countries, we need to contribute in our own nation.

Our thoughts must be positive and constructive towards our family, society and country. Our thoughts ignite the words, words become actions, actions become habits, habits cultivate the character and character develops our destiny. The ultimate aim of life is not to accumulate physical things, but 'Moksha' by purifying our own soul.

Following are our duties as a responsible citizen of society and country.

1. To abide by the constitution and respect its ideals and institutions, National Flag and National Anthem.
2. To cherish and follow the noble ideals which inspired our national struggle for freedom.

3. To uphold and protect the sovereignty, unity and integrity of India.
4. To defend the country and render national service when called upon to do so.
5. To promote harmony and the spirit of common brotherhood amongst all the people of India transcending religious, linguistic and regional or sectional diversities; to renounce practices derogatory to the dignity of women.
6. To value and preserve the rich heritage of our composite culture.
7. To protect and improve the natural environment including forests, lakes, rivers and wild life, and to have compassion for living creatures.
8. To develop the scientific temper, humanism and the spirit of inquiry and reform.
9. To safeguard public property and to avoid violence.
10. To strive towards excellence in all spheres of individual and collective activity so that the nation constantly rises to higher levels of endeavour and achievement.







## *Student Start up and Innovation Policy (SSIP)*

The education department (higher & technical), Government of Gujarat has introduced Student Start up and Innovation Policy (SSIP) for creation of an innovation and pre-incubation ecosystem support (IPES) for students across the state. The policy aims to encourage students for innovation and entrepreneurship leading to have start-ups. Under this policy Gujarat Knowledge Society (GKS) has granted GCET a financial grant of five lakh rupees each year for a period of three years (2018-2021). As per the MoU signed between GCET and GKS various activities are organised to implement the policy.

- 31 projects are supported and provided financial assistance of more than 2,50,000/- in 2018-19.
- 27 projects are supported and granted financial assistance of more than 1, 50,000/- in 2019-20.
- 8 SSIP Awareness workshops were organised for third and final year students in 2019-20 by all the departments.
- Dr. Samir Trapasiya & Dr. Ketan Tamboli attended SSIP Review meeting on 28/6/2019 at Karmayogi Bhavan, Gandhinagar.
- A one day workshop on '3-D Printing & How to Start Up' was organised by Dr. Ketan Tamboli on 11/7/2019 at GCET. Mr. Jayson Ganatra, Founder & CEO, Sattardas, Rajkot delivered expert talk in this workshop. More than 50 students participated.
- Dr. Ketan Tamboli & Dr. Mehul Gor organized one day workshop on 'Entrepreneurship & IPR' on 30/8/2019. More than 300 students participated in it.
- Dr. Samir Trapasiya attended two day workshop on 21<sup>st</sup> and 22<sup>nd</sup> Oct. 2019 on Entrepreneurship, at IIM Bengaluru, supported by SSIP cell Gujarat.
- Dr. Ketan Tamboli participated in 'Mentors Meet Up' Programme on 15/11/2019 at KCG, Ahmedabad
- Dr. Ketan Tamboli participated in 'Roving Seminar on Patent Cooperation Treaty' organised by CII & EDII at EDII, Gandhinagar on 25/11/2019.
- Six faculty members of GCET from various departments attended Start-up Summit at Science city, Ahmedabad on 12/12/2019.
- Dr. Samir Trapasiya, Prof. Mayank Ardeshta and Dr. Ketan Tamboli organised a student visit to Maker fest-2020 at M.S. University, Baroda on 18/01/2020. More than 50 students joined the visit.
- Various activities related to entrepreneurship and start up were organised by all the departments inviting experts/alumni/entrepreneurs.

## About ourselves

(Compiled brief reports from various departments, sections, cells and chapters of GCET for the period of April 0000 to March 0000)

### TRAINING & PLACEMENT

#### CAMPUS PLACEMENT

##### Placement summary

Branch	Number of students placed	
	2018-19	2019-20 (as on 26 <sup>th</sup> Feb, 2020)
Mechanical	74	51
Electrical	42	21
Chemical	49	17
Electronics and communication	29	22
Mechatronics	20	29
Computer	67	43
Information Technology	54	56
Civil	21	07
<b>TOTAL</b>	<b>356</b>	<b>246</b>

### Report from Various Departments

#### DEPARTMENT OF INFORMATION TECHNOLOGY

Started in the year 1996-97, the department has 11 faculty members including 3 PhD holders and 2 Pursuing PhD. In addition to B. E., the department offers M.E (Information Technology) programme (from 2011-12).

Dr. Krunal Patel, completed Ph.D. in June, 2019 from C U Shah University, Wadhwan. Prof. Vinita Shah is selected as one of the advisory committee members in International conference on Recent Advancements in Engineering and Technology” (ICRAET-2020) in December 2019. Prof. Vinita Shah Completed NPTEL Certification Course of 4 Weeks on “Python for Data Science” (July-Nov 2019). Prof. Mittal Darji Completed NPTEL Certification Course of 4 Weeks on “Python for Data Science” (July-

Nov 2019). Prof. Deven Gol Completed NPTEL Certification Course of 12 Weeks on Ethical Hacking (29JULY19-18OCT19). Prof. Bhargesh Patel and His team of students includes Rinkesh Patel, Rushik Patel and Deep Patel, 3 rd year IT, received grant of Rs. 50,000/- from GUJCOST under “ROBOFEST-Gujarat” Programme for successfully completed Phase-I. Team also successfully completed Phase –II and entitled for further grant of Rs. 1,00,000/- or Phase-III. Prof. Vishal Prajapati and Prof. Yogesh Dangar received grant of Rs. 30,000/- for organizing Two day workshop on “IoT and Its Applications”.

During last year Department organized various Seminars, workshops, training programs which includes Expert lecture on Block Chain 2.0 (10th January 2019), Expert Talk on Tools and Techniques in ML (22nd January 2019), GUJCOST Sponsored two day workshop on 'IoT and Its Applications' (6-7 July 2019), workshop on “Python and Its Applications” (26th August – 10th September, 2019), Expert Talk On “IoT Project and how to develop it” (3rd July 2019), Expert talk on “Futuristic Technologies” (4th July 2019), Expert Talk On “Cross Platform Document Oriented Database” (29th July 2019), Seminar on “Introduction to Blockchain Technology” (3rd February 2020), A lecture on "Theory of Karma" under ages of ISTE Staff Chapter (4<sup>th</sup> October 2019). CSI Student Chapter has organised Workshop on “Block chain Technology and its Applications” delivered by Prof. Deven Gol on 9th July 2019 for IT/CP students.

Vishal Soni (Final year IT Student) is selected for the position of SDE intern in Amazon Development Center Private Limited at Bangalore from 3rd February, 2020 to 10th July, 2020 with stipend 60,000/- per month. Team of 5 students (3 IT Students, 2 MC Students) are selected for their innovative project titled “Prosthetic limb using remote sensors” in ROBOFEST GUJARAT 2019 program and received grant of Rs. 50,000/- for submission of proof of concept in competition sponsored by GUJCOST in October 2019. Dev Vaghani (Second year IT student) is selected as a member of Microsoft Student Partners team in November 2019. More than 70 students have participated in various national and international technical / non-technical events, Conferences, Seminar, Workshop, Symposium etc.

Industrial visit to BSNL, Jagatpur was organized during the year to experience the working of Optical Fibre, FTTH and Broadband technology.

55 students were placed through direct campus recruitment in reputed industries like Infosys, Capgemini, TCS, Crest Data System, Gateway group and many more. Four students opted admission in reputed Universities.

## **MECHANICAL ENGINEERING**

Started in the year 1997 with annual of intake of 60 students. To meet this ever-

increasing demand for mechanical engineers in the country, from academic year 2014/15, the department has increased the UG intake from 60 to 120 seats. The department took initiative to start Post Graduate Programme in Industrial Engineering in the year 2012. The department is well equipped with highly qualified and experienced faculty and supporting staff. 08 faculty members are Ph. D. and 01 is pursuing her Ph. D. from reputed university. Seminars, workshops, Expert lectures, symposiums organized by the department during last year include Two Expert talk one is on “CEED (Common Entrance Exam for Design)” (July,19 2019) under ASME and other is on “A Journey of an Entrepreneur” (31 st August, 2019) under SSIP. One guest lecture on “campus to corporate and beyond”. One Day hands-on Workshop was organized by PRARAMBH-The GCET Project Club on 2D Drafting and 3D Modelling (August 31, 2019) ;Two seminars organized by department which include Student Start-up and Innovation Policy (SSIP) Awareness (July 02, 2019) and other one is on Incubation & Entrepreneurship Development Cell (IEDC) Awareness Seminar (September 03, 2019). One Mini-tech fest EXODIA 19 organized by GCET ASME Student Section on (September 07, 2019) as a part of “Teacher's day and Engineer's Day “celebration. All faculty members participated in “Kaizen Initiative for Academics” workshop organized by HM Patel Career Development Centre of CVM and 9 faculty members have attended various, workshop, seminar, STTP & FDP as a part of continuing education. 9 industrial visits/field trips to various mechanical industries include Adani Power, Adani Port, Adani Wilmar Mundra, Amul Chocolate Plant Mogar, Fine Cast (Gujarat) Pvt. Ltd., Micro Flat Datum Pvt. Ltd. Anand., Inducto Cast Anand., Flovel valves pvt ltd., Sardar Sarovar Dam. 5 students undertook summer training at L & T Power Training Institute, Vadodara as part of MOU between them and CVM and 9 students have undergone internship at other different industries during last academic year. Faculty members published 13 international journals papers. 30 students were placed through direct campus recruitment during the academic year 2018/19 till 25/01/2019. Mr. Chirag Kanagiyani, third year mechanical engineering student (170113119009) has filed 4 patents & received 1.25 lakh Rs for filing patent and been selected by the SSIP committee, for the financial assistance up to 2 lakh Rs to develop a prototype of his already patented invention entitled as "HYBRID VERNIER- a multipurpose linear precision measuring instrument". Bhakhar Daksh Hareshbhai (180110119006) became Institute Topper in Sem. II Summer 2019 with 9.51 CPI. Trushant Desai of ME (Industrial Engg.) 2017 batch secured 9.56 CPI, rank 4<sup>th</sup> in university top ten at GTU across all PG Programmes and awarded Gold Medal at GTU's 9th convocation during January 2020.

## ELECTRONICS & COMMUNICATION ENGINEERING

Started in the year 1997-98, the department currently has 17 faculty members including 8 Ph D holders. In addition to B. E., the department offers M.E (Communication System Engineering) programme (from 2007-08) and M. E (Embedded Systems) (from 2013-14). *The department has been accredited by NBA till 30<sup>th</sup> June, 2021.* THREE funded research projects from CSIR and GUJCOST worth Rs. 20.08 Lakhs have been implemented till date. The department has modernised the Advanced Microprocessor lab to the Wireless Sensor Network and Internet of Things (WSN- IoT) lab under the MODROB grant worth Rs. 10.33 Lakhs received from AICTE. Department has 10 laboratories with latest instruments/ equipments, experimental kits, PCs with necessary softwares. The department organized a GUJCOST & GTU-ISTE sponsored FDP on *“Recent Trends in Medical Image Processing (RTMIP-2019)”* during 18-23 November 2019. Eminent Radiologists and Faculty members from IIT-Delhi, IIT-Gandhinagar, SVNIT- Surat, IIIT- Vadodara, DA-IICT were invited to deliver the expert talks during the FDP. Seminars, workshops, symposiums organized by the department during last year include one-day workshops on *“NEC Software”* (2<sup>nd</sup> Sept '19), *“Mini Project Expo cum Competition”* (12<sup>th</sup> Oct '19), *“Poster presentation on Disaster Management”* (28<sup>th</sup> Sept '19). Two expert talks were arranged by alumni- Mr. Mihir Pinara and Mr. Ravi Tanna- in the department during last academic year. Dr. Hitesh Shah, Dr. Rahul Kher, Dr. Falgun Thakkar, Dr. Kavindra Jain and Prof. Nirav Desai delivered expert talks at various programs. *Dr. Rahul Kher* and *Dr. Samir Trapasiya* have been appointed as *Associate Editorial Board Members of the Bentham Open Journals, UAE.* Dr. Rahul Kher has been appointed as a TPC member of the following conferences: IBITec 2019, IEEE ISC2, DMIP 2019, IEEE WF-IoT 2020 and IEEE GloTS 2020. Prof. Mayank Mahant has won a *lifetime valid workshop worth Rs.12,000/-* on *“Foundation Certificate Program on IoT (Internet of Things)”* from Digital Dojo, Mumbai. Four industrial visits/field trips to various industrial units including E-infochips, Lao More Biscuits, EQDC were organized during the year. The department had organized an *Open House based on the theme “Role of Engineers in Making New India”* for 12<sup>th</sup> Science students on April 27-28, 2019. Dr. Sameer Trapasiya attended one NPTEL course on *“Machine Learning using Tensorflow”* from September to November 2019 and secured 73% in it. Prof Mayank Ardeshana attended one NPTEL course on *“Microwave Theory and Technology”* from July to November 2019 and secured 82% in it. Faculty members published two journals papers and two papers in international conferences. 22 Final year students were placed through direct campus recruitment in Infosys, TCS, Capgemini, Chegg India Pvt. Ltd, Lido Learning etc.

## CHEMICAL ENGINEERING DEPARTMENT

Number of Staff members: 17

Teaching: 02 Professor, 02 Associate Professor, 07 Assistant Professor

Non-Teaching: 03 Lab. Assistants, 03 Hamals

Features of the Department: The department offers B.E.(Chemical Engg.), M. E. (Chemical Engg.) programmes. The B. E. program was started in 1996 and 20 batches have graduated till today. The laboratories such as Applied Chemistry lab, Mechanical operation lab, Fluid Flow operation lab, Chemical process industries lab, Heat Transfer operation lab, Chemical Reaction engineering lab, process control & Instrumentation lab, Biochemical Engg. Lab, Mass transfer operation lab, New separation Techniques lab, Petroleum Refining & Petrochemical lab and process optimization and simulation lab with computer centres with around 25 PCs are fully developed over these years. The placement record of the department is very promising; on an average over 80% of the eligible students get jobs through campus interviews. The projects have been quite interesting and are based on industrial applications. Many of them have won number of competitions conducted across the state and nation. In order to cater the students with the ever increasing real world demands, many co-curricular activities like workshops, poster presentations, seminars, expert talks, alumni talks and industrial visits etc. are also organized on regular basis. The Department is recognized of the Institution of Engineers (India) as one of the two institutes in Gujarat where Chemical Engineering AMIE students can complete their practical classes as part of Part-B examination. Each year several working professionals from various public and private sector industries complete their AMIE in the department. Our faculty members Dr. Kaushik Nath and Dr. Anand Metre are the team members of the External auditors, from SICART and BVM respectively, Under Gujarat Pollution Control Board, for schedule-1 industries.

## CHEMICAL ENGINEERING DEPARTMENT

Expert lectures/Alumni talk/Seminars organized

2019-20

Date	Name of the resource person	Affiliation	Topic of Talk/lecture
10/07/2019	Dr. Sachin P Parikh	Professor & Head, Chemical Engineering, L D College of Engineering, Ahmedabad	An Overview of catalysis in chemical industries
25/07/2019	Dr. Nirmal Kumar	Principal, Professor & Head, Department of Environment Science & Technology, V V Nagar	Conservation of Biodiversity, Ecology and environment – recent scenario
29/07/2019	Dr. Manan Shah	Assistant Professor, Department of Chemical Engineering, Pandit Deendayal Petroleum University (PDU), Gandhinagar	An overview of geothermal energy & its application
31/12/2019	Mr. Aniket Banthia (Alumnus 2009) Alumni Talk	Management Consultant, Egon Zehnder Information & Research Services Pvt. Ltd., Haryana	An overview of recent scenario in chemical engineering
21/01/2020	Prof. M N Vyas	Adjunct Professor, Dept. Chemical Engineering, D D Univeristy, Nadiad & Former Chief of Operation and HSE, IPCL, Vadodara	An overview safety aspects in plant design in chemical industry
22/01/2020	Dr. Sachin Parikh	Professor & Head, Department of chemical engineering, Ahmedabad	Application of Process Control in chemical industries

## MECHATRONICS DEPARTMENT

G H Patel college of Engineering and Technology (GCET) offered BE Mechatronics Engineering program first time in India in the year of 1998. Department is also pioneer in starting ME Mechatronics in state of Gujarat (2012). Mechatronics Department was first time accredited by the National Board of Accreditation, New Delhi, from 1<sup>st</sup> July 2015 to 30<sup>th</sup> June 2018. In continuation with this status of accreditation, Mechatronics Department again has been accredited by the National Board of Accreditation, New Delhi, from 1<sup>st</sup> July 2018 to 30<sup>th</sup> June 2021. Department has been facilitated with 9 fully functional and heavily equipped laboratories. There are total of 12 permanent faculty members in department out of which 7 faculty members hold PhD degree from reputed university.

Dr. Sanket N. Bhavsar received an Award of "Best Professor in Mechatronics Engineering Studies" by 27<sup>th</sup> Dewang Mehta National Education Award (Regional Round). A team of Ahir Akshay, Patel Jeet, Gajjar Kavit, Sharma Shubham, and Cholera Kaushal has been selected for Level II stage of Robofest 2019 for which they got a grant of Rs. 50,000/- from GUJCOST under the guidance of Prof. Bhavik A. Ardeshana. Dr. Sanket N. Bhavsar, Dr. Anand Y. Joshi and Dr. Ajay M. Patel has successfully completed project under GUJCOST.

In current academic year 05 companies visited department and recruited 24 students. In last academic year 10 companies visited department and recruited 20 students. Faculty members of department delivered 05 guest/expert lectures on various advance topic of engineering outside GCET. Faculty members published 02 international journal papers and 03 international conference papers. Total of 02 industrial visits were organized to different industries. Faculty members of the department have attended 02 seminars and 02 FDP on various topics. Department has also organized alumni talks on the topic of 'Work Culture at USA, and University Selection' and 'Motivating and Guiding Students for Doing Social Need Based Good Projects'. A seminar on 'Industrial Practices' was organised by Dr. Sanket N. Bhavsar. Mr. Virat Dhebar (Asst. Vice President of Academy TUV, South Asia) and Mr. Arpit Panchal (M/s Akar Solutions Pvt. Ltd) delivered expert lectures in this seminar for third and final year students of mechatronics. Mechatronics Department and Indian Institute of Metals (IIM) Baroda Chapter, jointly organized one day Seminar on "Fundamentals & Applications of Heat Treatment". The seminar was coordinated by Dr. Ketan M. Tamboli & Dr. Saurin M. Sheth. Expert speakers of seminar were Prof. Shashank P. Joshi, (Mechanical Dept. BVM college, V V Nagar), Prof. D. R. Lodhari (Material Science & Metallurgy Dept. Faculty of Eng. & Technology, M S Univ. of Baroda) and Mr. Rajan

Kaduskar (Head, Aerospace Certification, TUV India Pvt. Ltd. Vadodara). Dr. Sunil Kahar, Chairman, IIM Baroda chapter remained present during the event. A one day seminar on 'Theory & Applications of Non Destructive Testing' was organised by Dr. Ketan M. Tamboli and Dr. Saurin M. Sheth for the benefit of students. Mr. Sumit Kainthola (Proprietor, Industrial NDT) and his colleague have been invited to conduct this seminar. An expert lecture on the topic of 'Welcome to the professional world' was delivered by Mr. Amal Amin (Director of Technomec Roll Mfg. Co. Pvt. Ltd.) organized by Dr. Ketan M. Tamboli, Dr. Saurin M. Sheth and Dr. Ajay M. Patel. Lecture on 'An Incubation & Entrepreneurship Development Cell Awareness Seminar' was delivered by Prof. Umang B. Jani for the advantage of students of mechatronics department. Prof. Tejas D. Patel organized an expert lecture on 'Profile Building and Career guidance'. It was delivered by Mr. Jaydev Jashwani (Mentor at IMS). Mr. Nairutya Patel, alumni of mechatronics department was awarded Gold Medal from GTU for securing highest CPI during his bachelor study. Three groups of Final year students have received total sum of Rs. 50,000/- for their final year project under SSIP scheme. Projects of final year students entitled 'Humanoid Robot' and 'Snake Robot' were selected for exhibition at MakerFest2020, Vadodara, organized by YUVALAY Electronics Lab.

### **COMPUTER ENGINEERING DEPARTMENT**

The B.E. Computer Engineering program started in the year 1999-2000. The Department of computer engineering is established in the year 2008. Currently, department has 11 faculty members out of which six are PhD pursuing and one faculty member is doctorate. It also offers M.E. program from the academic year 2017-2018 with the intake of 18. Department has 7 laboratories and 3 servers. GUJCOST sponsored one-week STTP was organized on "Machine Learning for Internet of Things" from 22<sup>nd</sup> April, 2019 to 27<sup>th</sup> April, 2019 with 49 participants. Activities organized includes, programming contest, "CodeVie 6.0" (22<sup>nd</sup> January, 2020), session on "Exploring Machine Learning" by Ruchitesh Malukani and Mr. Nihaal Subash, students of final year (15<sup>th</sup> October, 2019), seminar on "Mind Management and goal setting" by Col. Prakash P. Vyas (3<sup>rd</sup> October, 2019), Web-O-ctoher organized to encourage open-source contributions (3<sup>rd</sup> October, 2019), coding contest "CodeVie 5.0", (13<sup>th</sup> September, 2019), seminar on "Entrepreneurship Development Cell (IEDC) awareness", by Prof Brijesh Patel (27<sup>th</sup> and 28<sup>th</sup> August, 2019) and online coding challenge "Technitude" (31<sup>st</sup> July, 2019). Four alumni talks are organized, by Mr. Neel Shah, 2017 batch, Pursuing Masters at Bamberg University on "Explainable AI systems" (27<sup>th</sup> December 2019); by Mr. Ankit Thakkar, 2014 batch, Sr. Software Engineer, Siemens India on "Application of Engineering in train automation systems" (23<sup>rd</sup> December 2019); by Mr. Niral Desai & Mr. Arjav Dave, 2008 batch, Founder of

RoyaleCheese , Ahmedabad interacted with students of third year (30<sup>th</sup> September, 2019) and by Ms. Rachna Sheth, Recruitment Manager and Ms. Rahi Gandhi, 2014 batch and Junior Programmer Analyst, Exxat Systems Pvt. Ltd., Vadodara on “Bridging the gap between academia and industry” (23<sup>rd</sup> July, 2019). First year students attended a mobile exhibition organized by ISRO at V.P. & R.P.T.P Science college on 25<sup>th</sup> November, 2019. Industrial Visit to BSNL for second year students is scheduled on 25<sup>th</sup> February, 2020. Faculty members published 2 papers in international journals and 1 paper in international conference. Eleven faculty members attended various STTPs, twelve attended various technical workshops. Department received grant of 5,00,000 Rs/- from AICTE, India to organize “International Conference on Recent Advances in Computer Science and Technology” which is scheduled on 21<sup>st</sup> & 22<sup>nd</sup> February 2020. Dr. Maulika S. Patel shared excerpts from the book “You can heal your life” by Louise Hay at GCET. Prof. Hetal Gaudani delivered expert lecture on “Gurutattv” at GCET. Prof. Priyang Bhatt delivered expert talks on “Importance of Programming in IT field” at BVM, “Python for Data Science” at SCET, Surat and “Introduction to Python and Python for Machine Learning” at ADIT. 43 students are placed in various companies in academic year 2019-2020 till date. Four students named Mr. Jainil Vora, Mr. Ruchitesh Malukani, Mr. Jeel Jotaniya and Mr. Savan Kansagra have received package of 7 lakhs by TCS digital. 11 students cleared the NPTEL certification course. 6 students cleared IELTS, 1 cleared CAT and 8 cleared GRE. 7 students of final year are doing internships in Crest Data System and 3 students in various reputed companies. Prof. Priyang Bhatt received Silver Elite certification in NPTEL Course on “Python for Data Science” with 80%. Ms. Yashasvi Parikh and Mr. Ruhulamin Khatri, students of final year received highest committed student branch activist award in national event under Computer Society of India. Ms. Shreya Patel, IEEE volunteer and Student of final year computer Engineering, GCET received IEEE CS Rechar E Mervin Scholarship of 1000 \$. Ms. Vibhuti Patel, student of third year is the winner in Mix Double Table Tennis Tournament Khel mahakumbh; CVM Tournament and stood second in Basketball Tournament at GTU inter zonal. She has also received Silver Elite certification in NPTEL course “Programming with Java”. Mr. Parv Dave, student of third year was selected for onsite interview among 70000+ student in Goldman sachs internship 2020. Mr. Dhairy Rupala and Mr. Gauravkumar Ponkiya, students of third year were selected for Coding Competition “ACM\_ICPC Asia Kanpur regionals”. Mr. Nihal Subhash, student of final year has scored 330 in GRE. Mr. Dharm Rana and Mr. Preyash Mistry, students of second year and final year has received Silver and Gold Elite certification in NPTEL Course on “Internet of Things” with 88% and 95% respectively.

## CIVIL ENGINEERING DEPARTMENT

AICTE has approved Civil Engineering branch in GCET with an intake of 60 from the academic year 2014-15 and it is affiliated to Gujarat Technological University (GTU), Ahmedabad. Our Management Charutar Vidya Mandal (CVM) had constructed a new building for this branch and is named as “Dr. C C Patel & Mrs. Sushilaben Patel Department of Civil Engineering, GCET. The department has 12 faculty members (including 2 Trainee lecturers) with 2 PhD holders and 3 are pursuing PhD. All the laboratories have been developed as per GTU curriculum. The second batch of Civil Engineering Department passed out in June, 2019 with 94.05% result in 8<sup>th</sup> semester examination (summer – 2019) conducted by Gujarat Technological University. Shaikh Mohammad Faiz Salim Ahmed became Civil Engineering branch topper in the institute with 9.25 CPI. Twenty one students got placement from the college in year 2018-19. Also, 7 students had cleared GATE –2018 and one of the students **Tushar Donga** got M.Tech admission at MNIT, Jaipur. As many as 47 Students of 6<sup>th</sup> semester had undertaken summer internship at CPWD, Adani Hazira Port, L & T Baroda, Gujarat Narmada Valley Fertilizers & Chemicals Limited-Bharuch, IIT-Gandhinagar, Central Design Organization (CDO)-Gandhinagar, Patel Infrastructure Ltd., Geocarte Radar Technology Pvt. Ltd. etc. 5 students from the department went for International Experience Program (IEP) to Bulgaria.

Department organizes many co-curricular activities to abreast students to modern technological developments. **Entrepreneurship Awareness Camp** was organized by the department in collaboration with International Centre for Entrepreneurship and Career Development (ICECD), Ahmedabad for final year students of the college from 3<sup>rd</sup> September to 5<sup>th</sup> September, 2019. The program was sponsored by National Science & Technology, Entrepreneurship Development Board, Ministry of Science & Technology, and New Delhi. One-day symposium was organized on **Green Building Themed "Forging Ahead"** on 13<sup>th</sup> September, 2019 under IGBC students Chapter. The program was technically supported by IGBC Chapter, Gujarat. Eight industrial visits and Ten expert lectures by industrial and academic resource persons were organized in the last year. Faculty members published six journal papers. Nine faculty members participated in workshop, seminar and STTPs as a part of continuing education. One Alumni talk was organized during the year.

Dr. Snehal Popli has been granted Indian patent for 20 years by The Patent Office, Government of India on September 23, 2019. The patent has been assigned the Patent No. 321099. The title of the patent is “A Process for Reductive degradation of Pollutants using Electrochemically Pre-activated noble metal particles in the absence of Reducing agent”. The patent has been granted through e-filing portal. Graduated student (2019

batch) Kishan Thacker received L&T's Build India Scholarship, 2019. The scholarship includes M.Tech. admission at IIT-Madras in Construction Technology and Management with a stipend of ₹13400 per month and employment at L&T as senior engineer (0-1) Cadre.

## **ELECTRICAL ENGINEERING DEPARTMENT**

### ***Features of the Department:***

The Electrical Engineering Department is contributing to this need by producing trained technology leaders. Department of Electrical Engineering came into existence in the year July 2001 with intake of 59 students in undergraduate. The department has a goal of providing excellence in technical education. The department consists of a team of 15 teaching staff members & 6 supporting members. The department started AICTE approved Master's program in Power Systems in the year 2013 with an intake of 24 students. The department provides opportunities to the students to work in state of the art laboratories like Basic Electrical Engineering, Electrical Machines, Power System Protection, PLC & Microprocessor, Control Systems & Instrumentation. The department follows highly sophisticated teaching learning process and provides abundant opportunities for growth & development.

### ***Major Activities of the Department during AY 2019-20:***

The department organized more than 3 industrial visits to enhance practical knowledge of students of all levels. Faculties have successfully completed NPTEL online certification courses with outstanding grades. The placement count has reached 17 with more companies in pipeline.

### ***Faculty achievements:***

Prof Ritesh Patel received pedagogical Innovation award at GTU Innovation Sankul award 2020 ceremony at Paryavaran Mandir, Ahmedabad. Prof RMP received a grant of 1600USD from IEEE-Power & energy society for membership drive initiative. IEEE robotics & automation society chapter has been opened in February 2020. Prof RMP also received a funding of 10000INR to organize a one day workshop by GEDA.

### ***Student achievements:***

Dhairya Chauhan (160110109010) participated in ALL India University Hockey tournament for 4 consecutive years. Chintan Bhatt (160110109005) was a team member as a flutist in folk orchestra, where the team score winner's position in zonal level & as 2d runner's up at inter zonal level. Students have also enrolled & successfully completed online courses in NPTEL. Raj Ranparia, student of 6<sup>th</sup> semester Electrical has secured first position in event Hydraulic arm in GTU Tech Fest 2020 held at NEO Tech institute on 18-9<sup>th</sup> February. Harshil Sathwara & Helly Parikh, first year EE students

secured first position in the event The Wired Diaries in TECHNICA'19 held during 14-15<sup>th</sup> September. Harshil has also attended a 12 hour audit course on Solar energy applications for rooftop & farm machinery from 22/8/19-22/11/19.. Helly participated in Sherlock event & G vision workshop in the National Symposium Praksrh XV at /svit, Vasad on 5<sup>th</sup> & 6<sup>th</sup> Feb 2020.0

### **APPLIED SCIENCE & HUMANITIES DEPARTMENT**

Department had organized A TWO DAYS NATIONAL CONFERENCE ON STEM (SCIENCE, TECHNOLOGY, ENGINEERING AND MATHEMATICS) *CSTEM'19* on 27-28 September,2019.

“A TWO DAYS NATIONAL CONFERENCE ON STEM (SCIENCE, TECHNOLOGY, ENGINEERING AND MATHEMATICS) *CSTEM'19* was organized by Applied Science and Humanities Department, G H Patel College of Engineering and Technology, GCET on 27-28 September,2019. The programme is supported by GUJCOST, DST, ISTE IAPT and Sardar Patel University. The Conference is the maiden programme, which is to be organized with the aim to enlighten the established areas of physics and mathematics as well as to explore the new avenues of two fundamental sciences viz. physics and mathematics in the field of engineering. Total 11 sessions were conducted throughout the conference. Experts in the field of Mathematics and Physics from pan Gujarat have given the privilege of their knowledge to the participants. Total 71 participants from engineering, science and interdisciplinary institutes have enthusiastically participated in the programme.”

Department had organized an Expert Talk on 7 Mindsets for Success, Happiness and Fulfillment dated on 19 November 2019.

Dr. Smita Joshi received best poster presentation award in ICER-2019 at Kerala.

Dr. Smita Joshi received SSIP grant of Rs. 78,814 from GTU for developing "Kedar Conical Solar still" for purification of water in August-2019.

Dr. Smita Joshi registered two patents on “Axaypatram-The Hybrid Solar Cooker” and “Wind Mill Assisted PV & Thermal Hybrid Solar Still” and received total grant of Rs 50000 from GTU in August-2019.

All faculties of the department actively participated in KIA Workshops organized by CDC, Vallabh Vidyanagar.

Department faculty Dr. Vipul Shah has delivered expert talk in international conference.

Seven faculties of the department have participated and presented research papers in various national and international conferences.

Four faculties of the department have participated in one week or two week short term training programs(STTP) held at various institutes.

## *Cultural Activities for the academic year 2019-20*

### **GTU Youth Festival Xitij-2019**

#### **VVNAGAR ZONAL YOUTH FESTIVAL- XITIJ-2019**

In order to participate in all the events of Xitij-2019 GTU Youth Festival, a team of 50 students was selected. Rigorous practice sessions were arranged for about 2 months after college hours and all the events were prepared for final performance. The event held at Vadodara Institute of Engineering, Kotambi, Vadodara from 12th to 14th September, 2019. Team GCET secured first rank in Folk Orchestra, Western Instrumental – Solo, Classical Vocal, Western Group Song, One Act Play, Mime & Paad Purti; grabbed second position in Skit, Classical Instrumental (Non Percussion) & Indian Group Song and won third prize in Quiz, Poster Making, Installation & Classical Instrumental (Percussion) events.

GCET Lifted Overall Championship Trophy by scoring 58 points. GCET was also declared as champions in Music and Theatres categories.

#### **GTU INTERZONAL YOUTH FESTIVAL-XITIJ-2019**

GCET qualified for 13 AIU and 1 Non AIU events in the GTU Interzonal Youth Festival, Xitij-2019. GCET secured first position in Non AIU event Paad Purti. In the AIU events TEAM GCET gave splendid performances and won first prize in Mime and Western Instrumental- Solo events. Secured second position in Skit and Poster making events and third position in Folk Orchestra event. Overall GCET became Second Runners Up. It is a matter of pride that it also lifted overall theatre category championship trophy.

For VVNagar Zonal as well as Interzonal Youth Festival the student team leaders were Shubham Kakkad, Akanksha Chauhan, Jaimin Patel, Viraj Naik, Shubham Gor, Mitanshu Barot and Harsh Prajapati. The faculty mentor was Dr. Yogesh A. Chauhan assisted by Prof. Sneha Vyas.

#### **West Zone Inter University Youth Festival (AIU)**

West Zone Inter University Youth Festival was held from 27th to 31st December, 2019 at Uka Tarasadia University under Association of Indian Universities (AIU). In a team of 42 students from the entire GTU, five students were selected from GCET. Viraj Naik performed in One Act, Skit & Mime; Jenil Bhatt performed in Western Instrumental- Solo & Western Group Song; Harsh Prajapati in Indian & Western Group Song; Purvish Upadhyay was a participant in Mime and Shubham Gor performed as an accompanist in Indian & Western Group Song & Western Vocal- Solo events. Viraj Naik of GCET got qualified for National Inter University Youth Festival to be held in February'2020 at Amity University, Noida.

### **National Inter University Youth Festival (AIU)**

Viraj Naik a student of final year Mechanical Engineering represented GCET and GTU at National Inter University Youth Festival held at Amity University, Noida under the umbrella of Association of Indian Universities from 3rd to 7th February, 2020. He was a part of Skit event and it is a matter of pride for us that the skit secured first position at the national level.

### **Encuesta – The Quizzing Carnival**

A team of three students comprising of Viraj Naik, Tathya Joshipura and Arif Khan became first runners up in Bollywood quiz out of 46 teams from all over Gujarat. A team comprising of Tanmay Mehta, Jaynil Pandya and Zalak Modi secured second runners up position in General Quiz competition out of more than 60 teams from all over Gujarat. The quiz was organized by Institute of Language Studies & Applied social Sciences (ILSASS) on 21st January, 2020.

### **Intercollege Elocution Competition**

Bhrugu Dave of GCET participated in an Inter-college Elocution Competition organized by YMCA, Anand and Literary Club of H.M.Patel Institute of English Training and Research on 24th January, 2020. The topic of competition was 'The role of youth in promoting National Integration.'

### **Tata Crucible - The Campus Quiz 2020**

Tanmay Mehta & Jaynil Pandya won second prize at Tata Crucible Business Quiz (Regional) competition held at IRMA, Anand. They won a cash prize of Rs. 35,000 for this victory.

### **Volcano-2020**

GCET lifted overall first runners up trophy in the 'Amul Volcano'2020', an intercollegiate cultural festival consisting of 25 events. The event was organized by Rotary Club Round Anand Round Town, Anand in collaboration with Anand Nagarpalika from 12<sup>th</sup> to 16<sup>th</sup> February, 2020. Out of 25 events GCET acquired first prize in Scene-E-Magic, Short film making, Digital Miniature hoarding, Skit, Antakshari & Light Vocal; second position in Indian Group, Personality contest (Male), On the spot painting, Mime & Poster making and third position in Ad Enactment, Folk Dance, G.K. Quiz, Debate and Dumb Charades. Overall TEAM GCET secured 41 points. Thus by winning first in 6, second in 5 and third in 5 events. 34 colleges from the surrounding locality took part in the said event.

It is a matter of pride for the college that GCET won first prize in light vocal (solo) for the fifth consecutive time in Volcano. Also in the event of Scene-e-Magic GCET is unbeaten

right from when the event was started in 2012. GCET won first prize in this event for nine consecutive years.

A team of 37 students was led by the student leaders- Shubham Kakkad, Jaimin Patel, Akanksha Chauhan, Tanay Tewar, Divyang Patel, Shubham Gor, Mitanshu Barot and Vaibhavi Lakhani

Dr. Yogesh Chauhan coordinated all the events and mentored the team of volcano. Prof. Sneha Vyas assisted him in the process of building up the team.

### **GCET SPORTS ACTIVITIES**

Highlightings of the major sports activities participated by the students of GCET during the last year.

- First year student Patel Ram participated in inter university kabaddi tournament held at University of Kota, Rajasthan.
- Runners up trophy in the GTU Inter zonal (state level) Basketball Girls tournament organize by Marvadi University, Rajkot.
- Runners up trophy in iner college Chess (M) tournament organize by BITS,Vadodara.
- Winner of Championship trophy in the GTU Inter zonal state level Kabaddi tournament at NEOTECH, Vadodara during 19.09.2019.
- Winner of the Championship trophy in the CVM Winter sports Carnival inter college Kabaddi tournament during January '2020.
- Winner of the Championship trophy in the CVM Winter sports Carnival inter college Football tournament during January '2020.
- Jaydeep Patel a third year Mechanical student secured 1<sup>st</sup> position in Shot put game at CVM Winter Athletics meet during February 2020.
- Bhargav Parmar a fourth year Mechanical student secured 3<sup>rd</sup> position in 100 mtr sprint at CVM Winter Athletics meet during February 2020.



- Jaydeep Patel a third year Mechanical student secured 1<sup>st</sup> position in Shot put game at CVM Winter Athletics meet during February 2020.



- Winner of the Championship trophy in the CVM Winter sports Carnival inter college Football tournament during January '2020.



- Winner of the Championship trophy in the CVM Winter sports Carnival inter college Kabaddi tournament during January '2020.

## Social Activity Report

## Academic Year 2019-20

Date	Event
	<b>Activities during i-Maze 2019</b>
3/04/2019 to 5/04/2019	<ul style="list-style-type: none"> <li>• Photography competition: Themes: 1. Child Labour, 2. Beat &amp; Ban Plastic Pollution (Winners: First: Sahil Sheikh, Akhil Parekh; Runners up: Surajkumar Bhagat, Nikunj Vaghasiya)</li> <li>• Free Eye check-up for Students and staff of GCET (Count 100)</li> <li>• “Tobacco Inhibition”, Exhibition of posters / pictures for awareness</li> </ul>
21/06/2019	<b>International Yoga Day Celebration</b> GCET faculty members participated with CVM celebration at Shastri Maidan for Yoga Session during 6.30 to 8.30 am.
20/07/2019	<b>Art, Painting and Creativity</b> Shri Kanubhai Patel invited for all first year students at K S Patel Auditorium.
20/07/2019	<b>“Photography – An Art”</b> Invited Lecture by Shri Sunil Adesara (Famous Photographer) for all first year students at K S Patel Auditorium.
26/07/2019	<b>“Environmental Awareness”</b> Invited Lecture by Shri Dhaval S Patel (Vidynagar Nature Club) for all first year students at K S Patel Auditorium.
03/08/2019	<b>Mind Mastery Programme</b> Seminar by Kush Panchal for all faculties and first year students in K S Patel Auditorium
22/08/2019	<b>Blood Donation Camp</b> Blood donation camp was organized with the support of Indian Red Cross Society, <b>111 units</b> of blood donated by students in the camp.
27/08/2019 13/09/2019	<b>Thalassemia Awareness &amp; Testing Camp</b> Thalassemia awareness and testing camp was conducted with the support of Indian Red Cross Society, Ahmedabad. Two rounds organized; Total 166+35 = <b>201</b> students participated in the testing programme.
6/08/2019 9/9/2019	<b>Tree Plantation Programme</b> Samplings brought from Forest Department – 75 plantation Saplings brought from V P Science college – 60 plantation
01/10/2019	<b>150<sup>th</sup> Birth Date of M K Gandhi - Gandhi Jayanti Programme</b> Poster Competition for students – Best 3 posters winners Oration by Dr. R C Sanghvi, Dr. Samir Trapasiya, Prof. Chintan R Patel

### Faculty Committee Members

Prof. Rakesh Patel (EE)      Prof. Jaymit Pandya (IT)  
 Prof. Jayvirsinh Rajut (AS & H)      Prof. Falgun Thakkar (EC)  
 Prof. DharmeshKa Patel (CH)      Prof. Priyanka Israni (CP)  
 Prof. Bhavik Ardesana (MC)      Prof. Anand Darji (Civil)

### Students Committee

Student Coordinator: Dharam Unadkat (3ME)  
 Student Volunteers: Dhruv Thakar  
 Darshan Timbodiya, Raj Vaidya, Dhanvin Yajnik,  
 Keval Vavadiya, etc.

## NPTEL activity

The NPTEL has been offering online certification for its courses through which the student gets an opportunity to earn a certificate from the IITs! To encourage more students to participate in this initiative and with a thought of augmenting the studies of GTU curriculum, we have established NPTEL Local Chapter at GCET in October 2016.

In Academic Year 2018-19, Sem-2, total 524 students and 39 faculty members had enrolled for various online courses. 79 students and 11 faculty members appeared in online examination of various courses. One student and two faculty members secured score in top 1% of the certified candidates, two students and one faculty members secured score in top 2% of the certified candidates, and three students and one faculty member secured score in top 5% of the certified candidates. One student secured score in top 5% of the certified candidates. Six candidates received Elite+Gold certificate, 10 candidates received Elite+Silver certificate and 27 candidates received Elite certificate.

In Academic Year 2019-20, Sem-1, total 464 students and 54 faculty members had enrolled for various online courses. 39 students and 8 faculty members appeared in online examination for various courses. One student secured score in top 5% of the certified candidates. One candidate received Elite+Gold certificate, 13 candidates received Elite+Silver certificate and 9 candidates received Elite certificate.

### Course toppers Jan-Apr 2019

 <b>JINESH ATULBHAJ SHAH</b> <b>96%</b> TOP 5 % OF CERTIFIED CANDIDATES COURSE NAME: PRODUCT DESIGN AND DEVELOPMENT	 <b>MITESH S YEGAD</b> <b>96%</b> TOP 5 % OF CERTIFIED CANDIDATES COURSE NAME: CONDUCTION AND CONVECTION HEAT TRANSFER	 <b>PURNANK DHARTY</b> <b>90%</b> TOP 1 % OF CERTIFIED CANDIDATES COURSE NAME: INTRODUCTION TO MECHANICAL MICRO MACHINING
 <b>PATEL KRAM AIYUB VALISHAI DAUD</b> <b>90%</b> TOP 5 % OF CERTIFIED CANDIDATES COURSE NAME: MACHINERY FAULT DIAGNOSIS AND SIGNAL PROCESSING	 <b>LAD RAVI A SHOKBHAJ</b> <b>89%</b> TOP 1 % OF CERTIFIED CANDIDATES COURSE NAME: FUNDAMENTALS OF WELDING SCIENCE AND TECHNOLOGY	 <b>MIHIR SOLANKI</b> <b>81%</b> TOP 2 % OF CERTIFIED CANDIDATES COURSE NAME: FUNDAMENTALS OF WELDING SCIENCE AND TECHNOLOGY
 <b>RAMA JATAN NAHUSHIKUMAR</b> <b>80%</b> TOP 2 % OF CERTIFIED CANDIDATES COURSE NAME: SURFACE ENGINEERING OF NANOMATERIALS	 <b>MADHAVKUMAR K GHOYAL</b> <b>78%</b> TOP 2 % OF CERTIFIED CANDIDATES COURSE NAME: IC ENGINES AND GAS TURBINES	 <b>SAMR KUMAR D. TRIPATHIYA</b> <b>72%</b> TOP 1 % OF CERTIFIED CANDIDATES COURSE NAME: ADVANCED IOT APPLICATIONS
 <b>THACKER KUSHAN JAGDISHBHAJ</b> <b>72%</b> TOP 5 % OF CERTIFIED CANDIDATES COURSE NAME: GEOTECHNICAL ENGINEERING & FOUNDATION ENGINEERING		

### Course toppers Jul-Dec 2019

 <b>DHYYE SANJAY MEHTA</b> <b>90%</b> TOP 5 % OF CERTIFIED CANDIDATES COURSE NAME: FLUID MACHINES
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## Women's Development Cell

### 1. Organ Donation Awareness Program

Organ donation is a noble work. "Give yourself and those in need an elixir of life by pledging your organs." 13th August is observed as World Organ Donation Day every year. To promote organ donation for those who are in need of them, Women Doctor's wing of IMA & Apollo Hospitals are celebrating Organ Donation week for the awareness of importance of Organ Donation. Women Development Cell, GCET has invited the team of doctors to deliver talk on importance of Organ Donation.

The keynote speakers provided vital information & important insights on organ donation. The need for organ donation & transplant was vividly discussed & highlighted. Pamphlets regarding information on organ donation were distributed along with form for organ donation.

Dr Himanshu Soni, Principal GCET presided over the program. A total of 75 faculties attended the program and about 50% of them pledged organ donation. Organ donor cards were allotted.

### 2. Women Empowerment Through Education

A motivational lecture on "Women Empowerment Through Education" was arranged by Women Development Cell, GCET on 20th August, 2019 between 10:30am to 12:00 noon in Seminar Hall for all girl students and faculty of GCET.

Chikhodra Girl's school is a government school, which is working nicely for the better education of girls. The school received National Award for cleanliness. The lecture was delivered by Ms. Chhaya Upadhyay who is a teacher in Chikhodra Girls School. The lecture was organized with the objective to motivate girl students and faculty through her words of wisdom.

Ms. Archie (Students' coordinator from IT department) delivered the welcome note. The speaker of the program, Ms. Chhaya Upadhyay explained the way the school is managed. The school is considered as a parliament and students are nominated for various ministry. She shared her experience as a teacher with the village girls students. The teaching learning methods they follow to groom village girl to educate them in all sense is really a matter of appreciation. The motivation for the students is created in true sense out of her talk. A total of 130 attendees are there in the program including girls students and faculty of GCET.

### 3. Awareness Programme on Internal Complaints in the Organization

An awareness program on the role of Internal Complaint Committee (ICC) in the organization has been jointly organized by Internal Complaint Committee (ICC) &

Women's Development Cell (WDC) , GCET on 6th September, 2019. The program was arranged in the GCET Auditorium for all staff members and Students of GCET.

Mrs. Asha Dalal, Jagrut Mahila Sangathan, Anand was invited as a key note speaker. She has explained laws of women especially Sexual Harassment of Women at Workplace (Prevention, Prohibition and Redressal) under the Act 2013. Moreover, she has discussed certain case studies to make the awareness more effective. Pamphlets regarding information on laws and guidelines were distributed among students.

Dr Himanshu Soni, Principal GCET presided over the program. Dr. Khadeeja Priyan and Dr. Krupal Parikh coordinate the program. A total of 200 students & 105 faculties attended the program.

#### **4. Informative Talk on Bone Mineral Density (BMD) Test**

An “Informative Talk on Bone Mineral Density (BMD) Test” was arranged by Women Development Cell (WDC), G H Patel College of Engineering and Technology (GCET) on 29<sup>th</sup> January, 2020 between 1:30pm to 2:30pm in the GCET Seminar Hall for all faculty of GCET. Dr. Krupal Parikh has coordinated the event.

Dr. Maitri Patel, Gynaecologist & Obstetrician, Spandan Hospital, Anand has delivered the talk on BMD. The purpose of the talk was to get familiar to the faculties about BMD test before conducting actual test on 14<sup>th</sup> March, 2020.

Dr. Maitri has explained what precocious a woman has to take to prevent Osteoporosis. She has informed that during 25-35 yrs. of age bone mass of humans is at its peaks and also guide that at what age it is advisable to go for BMD test for a Man & a Woman. BMD test is not the measure of Osteoporosis but Bone fragility can be diagnosis by BMD test. She has point out major technologies of Bone densitometry & Non-invasive test for measurement of BMD. She has also given Bone Density Reporting Criteria. A total of 40 faculties have attended the talk. Many faculties have cleared their doubts regarding dosage of calcium, D3, treatment of Osteoporosis etc. Many faculties are motivated to do BMD test after her talk.

**Prof. Krupal Parikh**

**(WDC Coordinator, GCET)**

## **#BalanceforBetter**

### **One Day Awareness Programme on Women's Health, Hygiene and Rights.**

#### **Organized by**

#### **WDC, GCET and CVM**

The event, 'Balance for Better' was organized by Women Development Cell, Charutar Vidyamandal in Collaboration with G H Patel College of Engineering and Technology, GCET, Women Development Committee on 27<sup>th</sup> March, 2019 in Kamlaben Shankarbhai Patel Auditorium at GCET was a grand success. The program was organized with the objective to honor who has achieved something remarkable and can be an example for the present generation.

After soothing and calming prayer, the inaugural function started with the introduction of dignitaries by Dr. Miral Patel, WDC coordinator, GCET. Then the lamp lighting was done by the dignitaries. Principal GCET, Dr. Himanshu Soni, joined with inputs pertaining to our trust, Charutar Vidya Mandal and their immense support extended to our institution, covering different facets of progress, followed by a brief Introduction and objectives of Women Development Cell-CVM by the President Dr. Ketki Sheth. Dr. Miral Patel, gave spanning details right from the inception at thought level to implementation on the day of execution regarding the programme. Presidential remarks were delivered by Er. Shree Bhikhubhai Patel, Honorable Chairman, Charutar Vidya Mandal

The chief Guest of the program Mrs. Mukta Dagli, recipient of The Padma Shri in 2019 by Government of India, Dr. Jeemol Unii, from Amrut Modi School of Management and Dr. Neha Patel from Mira Nursing Home were honored for their contribution towards society..

The program was immensely supported by Non Academic Forum coordinator Dr. Y. A. Patel and his WDC CVM team members. The vote of thanks was made by Vice President WDC CVM, Dr. Bhavana Chauhan. With the zeal and enthusiasm of all the student coordinators and participants, the day moved on with the Keynote speech of Dr. Jeemol Unii. Dr. Neha Patel shared her expertise on Breast Cancer. Dr. Rekha Singh, Principal, Law College, Anand shared her views on Women's Law, Cyber Law, Safety, Security, Domestic Violence and many more Female related issues and their solutions. Last but not the least, Dr. Bhavana Chauhan, Principal Home Science College explained the need of nutrition for women and girls at various stages of life. Final year Girl students were honored by WDC, GCET. Throughout the day many events were organized for the students like Rangoli Competition, Poster Presentation. Around 360 students and faculty from various departments and nearby institutes participated in

the programme. Overall it was an informative as well as motivational session for all the empowered ladies present over there.

Later the girls of final year GCET presented their views in the form of cultural raga. In the valedictory function certificates were distributed to the participants and winners of the competition. With recitation of the National Anthem, the program ended on a more positive note than what it had started with.

**Picture Gallery:**



## IMAZE-2020

In the domain of technical fests, GCET's annual flagship tech fiesta- iMAZE holds a distinguished and coveted position of being the perfect blend of technical & non technical events, and its glamorous cultural nights. The 11 non technical events range in all the domains of innovation, business, sleuthing, treasure quests, photography, personality and humor. The 10 technical events of various branches successfully imbibe all the attributes of their respective branches with hints of twist, surprise elements, and an overall approach never seen before. The workshops arranged with numerous proficient speakers bring forth dimensions of engineering and technology that were earlier unexplored by engineering students. The pride of our fest, the cultural nights are adorned by the talents of our college who defy the laws which state that merit in academics and talent in co-curricular cannot exist together. The additional allure to this tech fest is offered by Tech Eureka, Ideathon and DIY, the successful adaptations of the precursory festival. Adding to the glory of this fiesta is the Design Innovation, the maiden event incorporated this year in IMAZE to drive the students in the direction of research and provide them with a platform to get experience in presenting their research paper and bringing their design projects and innovative ideas into the limelight. This celebration of our college and its engineers is facilitated by the chief coordinators Soham Dave, Pinkal Vachhani, Karan Patel, Rutvi Bhalodiya, Dhruv Upadhyay, Divyang Patel, Prasann Patel and faculty convener Dr. Hemant Thakkar and Dr. Hardik Pathak with collaborated efforts of all the event coordinators, branch coordinators, department coordinators, volunteers and all those whose support has been imperative to this technical carnival.

*Local Chapter of Various professional societies present in GCET*



ISTE GCET  
Students' & Staff Chapter



Institute of Electrical and  
Electronics Engineers (IEEE)  
Students' Chapter



Indian Institute of Chemical  
Engineers (IICChE), Students' Chapter



American Society for  
Mechanical Engineers (ASME)  
Students' Chapter



**Indian Green Building Council**  
Indian Green Building Council (IGBC)



Computer Society of India (CSI)  
GCET Chapter



**GCET Language Club**  
GCET Language Club (GLC)



NPTEL Local Chapter

## Academic Achievers

### Class Toppers From Various Disciplines (AY: 2017-18) UG

LEVEL	SEM	BRANCH	NAME	CPI
1	2	Mechanical	Bhakhar Daksh Hareshbhai	9.51
	1	Computer	Garg Janvi Rajesh	9.44
	2	Computer	Garg Janvi Rajesh	9.42
	2	Chemical	Agrawal Honey Narendra	9.18
	2	IT	Tadhani Devansh Dilipkumar	9.18
	1	IT	Shambhavi Aggarwal	9.17
	2	Mechatronics	Sharma Shubham Sanjeev	9.03
	1	Electronics and Communication	Challawala Munira Taheri	9.03
	2	Electronics and Communication	Challawala Munira Taheri	8.92
	1	Civil	Makwana Foram Manishbhai	8.43
	2	Civil	Pujara Tapan Amitbhai	8.05
	2	3	Compuer	Parikh Malhar Devang
4		Compuer	Parikh Malhar Devang	9.37
4		Chemical	Hirani Roshan Nareshbhai	9.21
4		IT	Brahmbhatt Siddhi Manoj	9.18
3		IT	Brahmbhatt Siddhi Manoj	9.13
3		Electronics and Communication	Mukhopadhyay Asmita Karunamay	9.1
4		Electronics and Communication	Mukhopadhyay Asmita Karunamay	9.06
4		Mechanical	Das Sagarika Bibhutilal	9.03
4		Mechatronics	Padhiyar Rushi Ketanbhai	8.79
4		Civil	Gohil Milind Bharatbhai	8.5
3		Civil	Shah Nishi Prakashkumar	8.37
3	6	IT	Vasani Rutvi	9.25
	5	Compuer	Shah Hinay Umeshkumar	9.25
	5	Civil	Abitha	9.2
	6	Compuer	Shah Hinay Umeshkumar	9.19
	5	IT	Soni Vishal Ravikant	9.13
	6	Civil	Nair Archana	9.11
	6	Chemical	Vachhani Pinkal	9.07
	6	Mechanical	Upadhyay Dhruv	9.01
	2	Electronics and Communication	Shah Riddhiben	8.65
	1	Electronics and Communication	Shah Riddhiben	8.56
	6	Mechatronics	Karan Ketan Dewani	8.52
	6	Mechatronics	Gandhi Gaurav	8.52

4	8	Civil	Khetani Shivani Kiritkumar	9.21
	7	IT	Hetvi Jigeshbhai Patel	9.18
	8	IT	Hetvi Jigeshbhai Patel	9.16
	7	Civil	Khetani Shivani Kiritkumar	9.15
	8	Compuer	Garala Nancy Rameshchandra	9.1
	7	EC	Aditya Lal Pandey	9.09
	8	MECHANICAL	Patel Ikram Aiyub Valibhai Daud	9.05
	8	EC	Aditya Lal Pandey	9.03
	7	Compuer	Shah Sanketkumar Ashwinbhai	9.03
	7	MECHANICAL	Upadhyay Dhruv	8.96
	8	Chemical	Patel Rutvikkumar	8.9
	8	Mechatronics	Patel Nairutya Manishkumar	8.76
	7	Mechatronics	Gandhi Gaurav	8.51





## Industrial Visit to IGTR, Mechatronics Department



## યાદ આપજો !!

ક્યારેક તો અણધારી મુલાકાત આપજો,  
 આ દિલના દરિયાને અકસ્માત આપજો.  
 જીવે છે એ ફક્ત તારા અને તારા માટે,  
 જીવન નહીં, બસ એક ચાંદની રાત આપજો!!  
 હું અગર ડૂબું તો સહારો આપજો,  
 ક્યારેક આવો તો હલકો ઈશારો આપજો !!  
 બસ બે ઘડીનો સંગાથ પણ કાઢી છે, દોસ્ત,  
 આ સૂની આંખોને કોઈની યાદ આપજો !!

**હાર્દિક એ. જાની**

ઈલેક્ટ્રિકલ, રોલ નં. ૧૬૦૧૧૦૧૦૮૦૧૭



Avnish Patel  
 170110120035  
 Mechatronics

## આમ પણ થાય... !!

એમ પણ થાય, આમ પણ થાય  
 સ્મિત આપ્યું છે કંઈક કામ પણ થાય.  
 શોધતા હોય બે પળનો સાથ કોઈની સાથે  
 અને ક્યારેક પલભરમાં જીવાય જાય એમ પણ થાય.  
 જેને પામવાની ઈચ્છા વર્ષોથી હોય  
 ત્યાં પહોંચીને પાછું વળવાનું મન પણ થાય..  
 એવું છે; છેતરે રસ્તા કે છેતરે મૃગજળ??  
 ક્યારેક પોતાના પણ છેતરે એમ પણ થાય..  
 જોયા ઘણા બધા ચહેરા આ જગમાં પણ  
 કોઈને બસ આંખોથી સમજી શકાય એમ પણ થાય..  
 મળતા રહે છે જવાબો મને હંમેશા અને  
 ક્યારેક માત્ર સવાલ જ ઘેરી વળે એમ પણ થાય..  
 માંગો છો તમે ઘણું બધું પ્રભુ પાસે  
 ક્યારેક પળના બદલામાં વરસ મળે એમ પણ થાય..  
 હંમેશા સવાલ ઉઠતા રહ્યા છે તેના અસ્તિત્વ પર  
 પણ હોય જો સીતા તો કોઈ રામ પણ થાય !!

**હાર્દિક એ. જાની**

ઈલેક્ટ્રિકલ, રોલ નં. ૧૬૦૧૧૦૧૦૮૦૧૭

## “બાળક થવું ગમે”

કોઈ આવી પૂછે મને કે શું થવું ગમે તને,  
 તો કહું માત્ર એટલું જ કે બાળક થવું ગમે મને.

એ જ રાજા, પ્રજા ને વળી રાજ્ય પણ એવું,  
 કેવું ચલાવે રાજ્ય એ બાળરાજા જોને.

મધુર મુખે સ્મિત એ એવું જાણે કરે,  
 કે નાજુક કળી ખીલી કોઈ બાગમાં આજે

સર્વગુણસંપન્ન આ રાજાને વળી અપનાવે  
 સામ, દામ, દંડ, ભેદ ને રીઝવે સૌ કોઈને.

કરોડપતિ બાપને ઘૂંટણ પાડી ઘોડો કરે  
 ને લાખ રૂપિયાની સાડી માની ભીની કરે.

ન ભેદભાવ કે વેરઝેર એને મન રાજા ને રંક  
 ઘૂઘરો સોનાનો છોડી, રાખમાં રમવા કરે.

ના કોઈ દંડ કે સજા એકે અપરાધ માટે,  
 હજારો ગુના માફ ને સૌ કોઈ લાડ કરે.

માની મધુર મમતા ને પિતાનો પાવન પ્રેમ  
 ‘રાજા’ આ રાજાશાહીમાં જ માણવા મળે.

રાજેશ રાવલ (રાજા)  
 એડમિનિસ્ટ્રેશન ક્લાર્ક

## પંખી બની....

ભૂરા નભ સ્વચ્છ મધ્યે;  
 દીઠા વિહંગ પાંખો પસારી ઊડતા.  
 જાગી ઊઠી મંછા પંખી બનવાની;  
 પાંખ મળી જાય વિહરું ગગનમાં કદા,  
 કદાય રચી નાખું ઇતિહાસ અનોખો;  
 એવા પ્રશ્ન કેં કેં થાતાં મનમાં;  
 શું આ પંખી ઈશ્વરની કલ્પનામાત્ર !  
 તો માનવસૃષ્ટિ શીદ વિસારી ?  
 કદાય માનવ પાંખ પસારી ઊડતો;  
 અને કેદ થતો પાંજરે...  
 એ મનોદશા માનવ તણી તપાસું;  
 વેદના સમજાય એ બંધ પંખીની  
 એની વેદનાને સમજવા ઈચ્છું છું.

ભાવિક જે. પ્રજાપતિ

## “સ્મિત”

તમે કપડાં પહેર્યા વગર કદી ઘરની બહાર નીકળો છો ? તો પછી ચહેરા પર સ્મિત ઓઢ્યા વગર ઘરની બહાર કેવી રીતે નીકળી શકો ? છેલ્લા બે દાયકાઓથી સ્મિત પર જે સંશોધનો થઈ રહ્યાં છે, તેના થકી કવિઓ અને પ્રેમીઓ સ્મિતનાં ગુણગાન ગાતાં રહ્યાં છે. તે બધું યથાર્થ હોવાનું પુરવાર થયું છે. જ્યારે તમે સ્મિત કરો છો ત્યારે તમને સમગ્ર વિશ્વ સ્મિત કરતું દેખાશે અને તમારા હૃદયમાં છવાયેલાં વિષાદનાં વાદળો વિખરાઈ જશે.

સ્મિત ઈશ્વરે માણસજાતને બક્ષેલું અત્યંત શક્તિશાળી શસ્ત્ર અને શાસ્ત્ર છે. તેથી જ લખ્યું છે કે,  
જાન હી લેની થી, સાફ કહ દેતે; ક્યા જરૂર થી મુસ્કુરાને કી ?

વ્યક્તિત્વને સમુદ્ર બનાવવામાં સ્મિતનું પ્રદાન અનન્ય છે. કેટલાક નસીબદાર માણસો નૈસર્ગિક સ્મિત ધરાવતો ચહેરો લઈને જન્મે છે, જ્યારે બાકીનાઓને તે શીખવવું પડે છે. સામાજિક સંબંધો ટકાવી રાખવામાં સ્મિતનું સ્થાન અદ્વિતિય છે.

અર્થાત્

સ્મિત એક એવી ભાષા છે જે બધા સમજી શકે છે. તેના માટે કોઈ ખર્ચ કરવો પડતો નથી. છતાં ઘણું બધું સર્જી નાખે છે. તે ખૂબ ઓછા સમય માટે આવે છે. પરંતુ તેની યાદગીરી હંમેશા રહે છે. માટે જ ‘સ્મિત કરતાં રહો’, સ્મિત નૈસર્ગિક રીતે પ્રગટ થાય તે માટે જાગૃતપણે કોશિશ કરતા રહીએ તો છેવટે સ્મિત એક આદત બની જાય. સ્મિત પ્રસન્ન વ્યક્તિત્વનો ભાગ બને ત્યારે જિંદગીમાં તમારે જે મેળવવું હોય તે બધું જ મેળવી શકો છો. વિશ્વાસ ન આવતો હોય તો અજમાવી જુઓ !

રાજેશ રાવલ (રાજા)

એડમિનિસ્ટ્રેશન ક્લાર્ક

## એક પિતાનો એની દીકરીને પત્ર ...

લગ્ન થયા બાદ આજે પહેલીવાર પિતાની લાડકવાયી ઢીંગલી ઘરે આવી હતી.. તેને પ્રેમથી આવકારી જમાડી કરી અને જતી વખતે એક પત્ર આપ્યો અને કહ્યું કે સસરાના ઘરે જઈને વાંચજે... દીકરીએ ઘરે જઈને પત્ર વાંચ્યો... વાંચીને તે ખૂબ જ રડવા લાગી... પત્રમાં આ મુજબ લખેલ હતું...

લાડકવાયી મારી ઢીંગલી,

તારા લગ્ન થયે હજુ થોડો સમય જ થયો છે, પરંતુ ખબર નહિ કેમ, જાણે વનવાસમાં હોઉં એવું લાગે છે. સવારે ઊઠું છું ત્યારે હજુ તું મને “પપ્પા પપ્પા” કહીને બોલાવતી નાનકડી પરી લાગે છે.. સવારે શાળાએ જવા તૈયાર થતી, બે ચોટલા વાળેલ તેલ નાખેલ, મારી ઢીંગલી શાળાનાં કપડાં પહેરી શાળાએ જાય છે... સાંજે ઘરે આવું થાકીને, ત્યારે દોડીને આવતી, જાણે મારો બધો થાક લેવા દોડતી આવે છે... એ પ્રેમ ભરેલ તારું વ્હાલ... માથું દુખે ત્યારે તારું “પપ્પા લાવો, તેલ ઘસી આપું...” કહેવું આંખની સામે જ દેખાય છે... મેળામાં મારે “આ રમકડું જ જોઈએ” ની તારી જીદ, એ તારું ભાઈને હેરાન કરવું, રક્ષાબંધનના દિવસે એ તમારા બંનેનું ઝઘડવું... દરેક ચિત્ર આંખની સામે જ રચાય છે...

ધીમે ધીમે મોટી થતા તું કોલેજ જવા લાગી... દુનિયાની ભાન આવવાલાગી સાચું ખોટું, સારું નરસું સમજાવા લાગ્યું. હવે પોતાની જરૂરિયાતોને બદલે “પપ્પા તમે લઈ લો. મેં તો હજુ હમણાં જ લીધું છે” એવું કહેવા લાગી હતી તું.. બધા કામ માટે મમ્મી પર આધારિત, મારી આ ઢીંગલી હવે મારા માટે મમ્મી ના હોય ત્યારે ડબ્બો બનાવી આપનાર, મારું ધ્યાન રાખનાર, કપડાં, પાકીટ, રૂમાલ બધું તૈયાર કરનાર બની ગઈ છે.. શિયાળામાં બહાર જતો ત્યારે શાલ ઓઢાડવા દોડી આવતી નજર આવે છે. જરાક પણ બિમાર લાગું તો તરત સેવા કરતી મારી દીકરી મારી બાજુમાં બેસેલ દેખાય છે. મારી લાડકવાયીનાં જીવનનાં ચિત્રો મારી સામે રચાતાં જાય છે...

જોતજોતામાં ખબર જ ના પડી કે ક્યારે તારા લગ્ન લેવાઈ ગયાં.. મારા દિલના કટકાને બીજાને સોંપવાનો સમય આવી ગયો. આમ તો કદી બાપ પોતાની દીકરીને વળાવવા તૈયાર નથી હોતો, પરંતુ જિંદગીની સાથે તો ચાલવું જ પડે ને.. ત્યાં જ તારા હાથ પીળા થઈ ગયા અને મારી આંખ ભીની થવા લાગી.. મારી જિંદગીના હૃદયમાં રહેલા ટુકડાને બીજાના હાથમાં આપવાનો સમય આવી ગયો... ને તારા લગ્ન થઈ ગયા.

હવે આ જીવન નીરસ લાગવા લાગ્યું છે. તારા વિના ઘર, ઘર નહિ રહ્યું.. જાણે જીવ નીકળી ગયો ને શરીર રહી ગયું.. બસ દીકરી આટલું જ કહેવું હતું. ને હા, બીજી વાત, આ ઘર તારું હતું, છે અને રહેશે...

લિ.

એક રાજકુમારી દીકરીનો પિતા

## ખબર નથી

ખબર નથી કેમ માંડ્યો સંસાર;  
ખબર નથી આ જીવનનો સાર;  
ઓ મા, ખબર નથી કેમ ઝીલ્યો તે મારો ભાર;  
ખબર નથી કોનો હું માનું આભાર;  
ખબર નથી ક્યાં ગઈ રમત માટીની;  
ખબર નથી ક્યાં ગયો એ સમય માસૂમીનો...

ખબર નથી કેમ આવ્યો વિદ્યાનો ભાર;  
ખબર નથી કેમ મળ્યો કોઈ યાર;  
ખબર નથી ક્યારે આવી પરીક્ષા;  
ખબર નથી ક્યાં ગયો એ પરિણામનો માર;  
ખબર નથી ક્યાં ગયો એ સમય તારણહાર;

ખબર નથી ક્યારે બદલાયો પવન સમયનો;  
ખબર નથી ક્યારે બદલાયો મતલબ પ્રેમનો;  
ખબર નથી ક્યારે બદલાયો અર્થ સાથીદારનો;  
ખબર નથી ક્યારે શોધમાં પડ્યો હું પ્રેમની;  
ખબર નથી ક્યાં ઘટ્યો પ્રેમ માનો;  
ખબર નથી કેમ જડ્યો પ્રેમ બહારનો;  
ખબર નથી ક્યાં ગયો એ સમય ઉછરંગી;

ખબર નથી ક્યારે બદલાઈ દોડ જીવનની;  
ખબર નથી ક્યારે શરૂ થઈ દોડ સમયની;  
ખબર નથી ક્યારે લાગી દોડ પૈસાની;  
ખબર નથી ક્યાં ગઈ દોડ રમતની;  
ખબર નથી ક્યારે લાગી દોડ હરિફાઈની;

ખબર નથી ક્યારે શરૂ થઈ ઈશ્વરભક્તિ;  
ખબર નથી ક્યારે હોડ પતી જીવનની;  
ખબર નથી ક્યારે સમાપ્ત થયું જીવન સંસારનું...  
ખબર પડી જીવનમાં ખુશ રહેવાની અને  
રાખવાની રીત જ સારી.

સ્મિત શેઠ

મેકાટ્રોનિક્સ રોલ નં. ૧૮૦૧૧૦૧૨૦૦૪૭

## કોઈની યાદનાં પગલાં

સુમંતભાઈ પોતાના ઓરડામાં, બત્તી બુઝાવીને, વિચારમગ્ન અવસ્થામાં બેઠા હતા. સવારે નિશીથે જે વાત કરી તે તેમના મનમાં ધૂમરાતી હતી. ત્રણેક વર્ષ પહેલાં જ તેઓ સરકારી નોકરીમાંથી નિવૃત્ત થયા હતા. તેમની પત્ની સુશીલાનું અવસાન થયે હજુ એક વર્ષ પણ નહોતું થયું. પોતાના બંને સંતાનો, નિશીથ અને આરતી, ઉપર એમને ગર્વ હતો. આરતી તો પરણીને સાસરે જતી રહી હતી. નિશીથને પણ પરણાવી દીધો હતો. એની પત્ની નિરાલીએ ઘરને કુશળતાપૂર્વક સંભાળી લીધું હતું. એનાં બંને બાળકો, મૂઢુલ અને સાક્ષી, પણ હવે આઠ-દસ વર્ષનાં થઈ ગયાં હતાં. લાંબા સમય સુધી નોકરી કર્યા પછી ઘણા લોકોને નિવૃત્તિ દરમિયાન સમય પસાર કરવાનું અઘરું થઈ પડે છે. એને પરિણામે ઘણા કૌટુંબિક પ્રશ્નો પણ ઊભા થતા હોય છે. સુમંતભાઈ એ જાણતા હતા. એટલે જ એમણે નિવૃત્તિ પછી શું કરવું એ અગાઉથી જ વિચારી રાખ્યું હતું. ઘરે બેઠા હોય ત્યારે થોડું વાંચન કરતા. તેમના થોડા મિત્રો સાથે વિવિધ દુન્યવી વિષયો પર ચર્ચા કરતા. તો વળી ક્યારેક કથાવાર્તાઓમાં જઈને બેસતા. એ રીતે એમનો ઘણો ખરો સમય પસાર થઈ જતો. ઘરની નાની-નાની વાતોમાં માથું મારવાનું એમના સ્વભાવમાં જ નહોતું.

પત્ની સુશીલામાં ખરેખર નામ જેવા ગુણો હતા. બા-બાપુજીએ ક્યારેય એના વિશે કંઈ ફરિયાદ કરી હોય તેવું સુમંતભાઈને યાદ નહોતું. સુમંતભાઈ ક્યારેક એ બાબત એના વખાણ કરતા તો કહેતી કે હું તમને એકલાને થોડી પરણી છું? ઘરના દરેક માણસની કાળજી લેવાની મારી ફરજ છે. એમાં હું કંઈ નવીન નથી કરતી. નિશીથ અને આરતી નાનાં હતાં ત્યારે એમનાં ભણતરનો પણ ખ્યાલ રાખતી. રોજ રાત્રે બાળકોને લેસન કરાવીને, તેમને સુવાડીને, પછી જ પોતે સૂતી. બંને બાળકોનાં ઘડતરમાં એની જ મુખ્ય ભૂમિકા હતી. સુમંતભાઈને ઓફિસની ઘણી જવાબદારી નિભાવવાની થતી. એટલે ઘરમાં ખાસ ધ્યાન ન આપી શકતા. ઘરમાં હોય ત્યારે પણ જરૂર પૂરતું જ બોલે. તેમ છતાં સુશીલાએ ઘરને એક સૂત્રમાં એવી રીતે બાંધી દીધું હતું કે નિરાલી આવી ત્યારે એ પણ ઘરમાં સહજ રીતે ગોઠવાઈ ગઈ હતી. સુશીલાના અવસાન પછી સુમંતભાઈ અંદરથી સાવ પડી ભાંગ્યા હતા. જો કે બહારથી કોઈને એવો અણસાર આવવા દે એવા એ નહોતા.

સવારે નિશીથ એમને મળવા માટે આવ્યો હતો. એનું કહેવું એવું હતું કે બાળકો હવે મોટાં થતાં જાય છે. આ ઘર હવે થોડું નાનું પડે છે અને જૂનવાણી પણ લાગે છે. જો આ ઘરને તોડીને નવું ઘર બનાવાય તો એકાદ માળ પણ વધારે ચણી શકાય અને જગ્યા પણ વધી જાય. બંને બાળકોને તેમના અલગ રૂમ પણ મળે. એની વાત સાચી તો હતી જ. પણ એ સાંભળીને સુમંતભાઈ થોડા અસ્વસ્થ થઈ ગયા. દુનિયાનો બહુ અનુભવ મેળવી ચૂકેલા સુમંતભાઈએ તરત પોતાની અસ્વસ્થતા પર કાબૂ પણ મેળવી લીધો અને કહ્યું કે સારું, તને જે ઠીક લાગે તે કર.

જો કે નિશીથને એ કળી જતા વાર ન લાગી કે પપ્પાના મનમાં કંઈક ખટકે છે, પણ કોઈક કારણથી

એ વાત છૂપાવવાનો પ્રયત્ન કરે છે. તેને વિચાર આવ્યો કે કદાચ પપ્પાની વ્યક્તિગત ડાયરીમાંથી કંઈક માહિતી મળી જાય. કોઈની વ્યક્તિગત ડાયરી વાંચવી એ આમ તો શિષ્ટાચાર વિરુદ્ધનું ગણાય, પણ પપ્પાની મનઃસ્થિતિ સમજવા માટે તેમ કરવું તેને જરૂરી લાગ્યું. એટલે રાત્રે સુમંતભાઈ સૂઈ ગયા પછી નિશીથે તેમની ડાયરી લીધી અને પોતાના રૂમમાં જઈને તેનાં પાનાં ફેરવવાં લાગ્યો.

નિશીથને પોતાના પપ્પાની નિતિમત્તા અને ચારિત્ર્ય ઉપર ઘણું માન હતું. પણ તે એવું પણ માનતો કે તેના પપ્પા શુષ્ક અને લાગણીશૂન્ય છે. પરંતુ ડાયરીનાં પાનાંઓમાંથી પપ્પાનું એક અનોખું સ્વરૂપ છતું થયું. સગાંસંબંધીઓ, મિત્રો અને પરિવારના સભ્યો વિશે ઘણું લખ્યું હતું. ઘણાખરા ફકરાઓ મમ્મીને ઉદ્દેશીને લખ્યા હતા. પપ્પાને કવિતાઓ લખવાની ફાવટ તો નહોતી એ તે જાણતો હતો, પરંતુ સંવેદનાઓ તો એમનામાં ઠાંસીઠાંસીને ભરી હતી એટલું એ જોઈ શક્યો. સંવેદનશીલ હોવું એ ઈશ્વરનું વરદાન છે. સાહિત્ય સાથે જેને દૂરનો પણ નાતો ન હોય એવા માણસની સંવેદનાની અનુભૂતિ એક કવિ કરતા પણ વધારે ગહન હોઈ શકે છે. ગામના એક વડલા વિશે પપ્પાએ લખ્યું હતું:

ગામ હવે ઘણું વિસ્તરી રહ્યું છે. આપણે ગામને પાદરે જે વડલા નીચે મળતા, એ વડલો તો હવે ગામની અંદર આવી ગયો છે. ઓટલા ઉપર જે જૂનું શિવમંદિર હતું ને, જેમાં કેડેથી વાંકાં વળીને અંદર જઈ શકાતું, તેનો પણ જીર્ણોદ્ધાર કર્યો છે. નવું શિવમંદિર આમ તો સ્વચ્છ અને સુવિધાવાળું લાગે છે, પણ આપણે બંનેએ સાથે મળીને કરેલી પ્રાર્થનાઓ એને યાદ હશે કે કેમ તે ખબર નથી.

બીજા એક ફકરામાં પણ પપ્પાની વેદના વધુ સ્પષ્ટ રીતે વ્યક્ત થઈ હતી.

રોજ તારા ઘરની નજીકથી પસાર થાઉં છું. ઘર ભલે જર્જરિત થઈ ગયું છે, પણ એનો પેલો લાકડાનો કઠેડો જોઈને અંતર ધરાઈ જાય છે. આપણી પહેલી મુલાકાતનો એ દિવસ તો કેમ કરીને ભૂલાય ? યાદ છે તને, તે દિવસે તું કઠેડે ઊભી હતી અને હું તે રસ્તેથી પસાર થયો હતો. મારી અને તારી નજર આમ જ મળી ગઈ હતી. પછી તો એ આપણો નિત્યક્રમ થઈ ગયો હતો. ધીમે ધીમે આપણી વચ્ચે પ્રણયનાં અંકુર ફૂટ્યાં. આપણી ચોરી-છૂપીથી થતી ટૂંકી મુલાકાતો પણ લાંબો સમય ચાલી. આપણા સમયમાં મિલન ટૂંકાં હતા અને વિયોગ લાંબા હતા. એનો એક ફાયદો એ થતો કે પ્રેમ જેટલો અભિવ્યક્ત થતો તેના કરતા વધુ માણસની ભીતર ઘૂંટાતો. સાંભળ્યું છે કે એ મકાન તોડીને હવે ત્યાં એક સંકુલ બનાવવાનું વિચારાય છે. ઘર જર્જરિત થાય એટલે એને તોડવું પડે એ તો ખરું, પણ એની સાથે મારાં અમૂલ્ય સંસ્મરણોનો પણ ભોગ લેવાશે તેનું શું ? ભૂતકાળનાં મધુર સંસ્મરણો તો મારા જેવા વૃદ્ધો માટે જીવવાનો આધાર હોય છે.

ગઈ કાલે પપ્પાએ ખાસ કંઈ નહોતું લખ્યું. કદાચ વિસ્તારથી લખવા જેવી તેમની મનઃસ્થિતિ નહીં હોય. બે-ત્રણ વાક્યોમાં તેમણે મમ્મીને ઉદ્દેશીને લખ્યું હતું: આ ઘરની પ્રત્યેક દિવાલોમાં તારો સ્પર્શ સચવાયેલો છે. ઘરમાં ઠેરઠેર આપણે આપણાં બાળકો સાથે વિતાવેલી ક્ષણો, ચિત્રોની જેમ, મારી સામે હજુ તાદ્રશ્ય છે. હું હવે લાંબું જીવી શકું એમ મને નથી લાગતું. ભૂતકાળની મધુર યાદોના સહારે તો હું જીવું છું.

ધીમેધીમે એ યાદો ક્ષીણ થતી જશે અને મને મૃત્યુની તરફ ધકેલતી રહેશે. નિશીથને કેમ કરીને સમજાવું કે આ ઘરનું આંગણ, ફળિયું, દીવાલો, વગેરેમાંનું કંઈ મારે માટે નિર્જીવ નથી.

નિશીથ હવે પપ્પાના મનને ઘણું ખરું સમજી ગયો હતો. એમના જીવનમાં આવેલાં ઘણાં ખરાં પાત્રો તેમના મનમાં ઊંડી છાપ છોડી ગયા હતા. એમાંના કેટલાકની યાદોનાં પગલાં તો હજુ તેમના હૃદયમાં અકબંધ હતાં. નિશીથે નિર્ણય કરી લીધો કે હમણાં ઘરમાં કોઈ મોટા ફેરફાર નથી કરવા. જગ્યાની અગવડ પડે છે તેનો બીજો કંઈક ઉકેલ શોધી શકાશે. પછી ડાયરી પાછી ટેબલ ઉપર મૂકીને એ પોતાના રૂમમાં પાછો ફર્યો.

નિશીથે નિરાલીને બધી વાત કરી. નિરાલીએ પણ તરત કહ્યું કે રહેવા દો, આપણે હમણાં ઘરમાં કંઈ ફેરફાર નથી કરવા. નિરાલી પોતાની મરજીથી એમ કહે છે કે પરાણે સંમત થઈ છે એ ચકાસવા માટે નિશીથે પૂછ્યું કે પણ તું જ તો કહેતી હતી કે આ ઘરમાં હવે જગ્યાની બહુ તકલીફ પડે છે. નિરાલીએ કહ્યું કે કાલે કદાચ હું ન હોઉં ત્યારે તમે પણ મને આટલી જ યાદ કરશો ને? નિશીથે એને સમજાવ્યું કે જો, તું આ બાબત પપ્પા સાથે કંઈ ચર્ચા ના કરીશ. પપ્પાને આપણે એવું કહીશું કે હવે અમે વિચાર બદલ્યો છે. કોઈક બહાનું કાઢીને વાતને વાળી લઈશું.

બીજે દિવસે સવારે નિશીથે પપ્પાને કહ્યું કે પપ્પા, ઘરને સાવ નવું બનાવવા પાછળ ઘણો ખર્ચ થાય એમ છે. એના કરતાં એ રકમ હાથવગી હશે તો બીજે કામ લાગશે. હમણાં થોડું સમારકામ કરી લઈએ તો પણ ચાલે એમ છે. એટલે હું એવું વિચારું છું કે હમણાં ખોટો ખર્ચ ન કરવો. સુમંતભાઈના ચહેરા ઉપર ખુશીની એક આછી લહેર દેખાઈ. સુમંતભાઈ રાત્રે સૂતી વખતે ડાયરી ટેબલ ઉપર અમુક ચોક્કસ રીતે જ મૂકતા. આજ સવારે એમણે એ નોંધ્યું હતું કે ટેબલ ઉપર ડાયરી અવળી પડી હતી. આટલી વહેલી સવારે કોઈએ સફાઈ કરવા માટે પણ ડાયરીને ખસેડી હોય એવું પણ શક્ય નહોતું. એટલે એમણે એ અનુમાન કરી લીધું કે નિશીથે શા માટે એનો વિચાર બદલ્યો હશે. જીવનમાં અમુક બાબતો એવી હોય છે જે આપણે માત્ર અંદરથી સમજી લેવાની હોય છે. એનો ક્યાંય પણ કશો ઉલ્લેખ કર્યા વગર. એટલે નિશીથ સાથે એ બાબત ચર્ચા કર્યા વગર એમણે કહ્યું કે એવું કરજે, મૂઠ્ઠાલને મારા રૂમમાં રહેવાનું કહેજે. આમ પણ આવડા મોટા રૂમની મારે ખાસ જરૂર નથી અને મને એની કંપની પણ રહેશે.

સુમંતભાઈને સુશીલાએ કરેલાં બાળકોનાં ઘડતર ઉપર વધુ માન થયું. એના કારણે જ ઘરમાં ઠેરઠેર પડેલાં એની યાદોનાં પગલાં હવે અકબંધ રહેવાનાં હતાં.

રાજેશ સંઘવી

ASH, ડિપાર્ટમેન્ટ, જીસેટ

## गामडाअे हवे शहरेर बनवा दोट मूकी छे.

सांज पडता ज बगासुं जाँने, आणस मरडीने सूँ जतो आ सरियाम रस्तो,  
आंजो योणतो-योणतोय अमारी टोणीने भीठो आवकार तो आपतो,  
हवे अेने रात दि' नकरो ककणाट करता वाहनो लोहीलुहाण करी देशे.

गामडाअे हवे शहरेर बनवा दोट मूकी छे.

पालीपाली घरमां आमतेम इरती, कलबलाट करती यकलीओ विशे,  
कँड केटलीय भीठी इरियादो रडेती अने जोटीजोटी यीड पण,  
कोनी नजरोमां रडेलो जकारो वांयीने अे बधी लांबा रिसामशे जती रडी हशे ?

गामडाअे हवे शहरेर बनवा दोट मूकी छे.

अमारी भूल थाय तो कान आमणतो अने दुःखमां साथ आपतो,  
गामना पादरे, कायम षीलतो अे अमारा वडील जेवो वडलो,  
अेनी मालिकीनुं आकाश कापीने हवे लोक अेने गूंगणावशे.

गामडाअे हवे शहरेर बनवा दोट मूकी छे.

सांकडी गलीओमां माणस सयवाँ जशे ने सूमसाम रस्ताओधी भीशे,  
भीड नकरी ऒबराशे यारेकोर अने मेणो बारेमास लागशे,  
सीधी लीटीनो माणस यीसो पाडशे अने वांकाओ मूँणमां हसशे.

गामडाअे हवे शहरेर बनवा दोट मूकी छे.

राजेश संघवी

ASH डिपार्टमेन्ट, ञसेट



## संघर्ष से सफलता

उठ खड़ा हो जल्दी, तुझे चलते ही रहना है ।  
परेशानियों के जाल से लड़ते ही रहना है ।  
क्या पाया जब तू सोया था ।  
कमाया हुआ भी खोया था ।  
भूल गया वह संघर्ष, जो माँ-बापने किया था ।  
रात दिन एक करके, कपड़ा तुझे पहनाया था ।  
दुश्मन हैं तेरे हजार, पर तुझे खुद से ही लड़ना है ।  
आलस की जंजीर को महेनत से ही तोड़ना है ।  
उठ खड़ा हो जल्दी, तुझे चलते ही रहना है ।  
परेशानियों के जाल से लड़ते ही रहना है ।

**Parmish Dave**  
Mechatronic (3rd Year)

## अब रुकना नहीं....

जिंदगी हार नहीं बार-बार नहीं  
अब झुकना हर बार नहीं ।  
खामोशी से बेचैन अब रहना नहीं  
सपने देखते हुए मरना नहीं ।  
रात या दिन महेनत से थकना नहीं  
लाख कोशिश से भी जिंदगी से रूठना नहीं ।  
जिंदगी हार नहीं बार-बार नहीं  
अब रुकने को मैं तैयार नहीं ।

**Parmish Dave**  
Mechatronic (3rd Year)

## क्यों है ?

मेरे मन में ये उलज्जन क्यों हैं ?  
तुझे देख के मेरे चेहरे पे मुस्कुराहट क्यों छैं ?  
वैसे तो मुलाकात हमारी कभी हुई नहीं, फिर धड़कनो में तेरे नाम का शोर क्यों है ?  
ना makeup, ना eyeliner, ना ही वो काले, लंबे घने बाल,  
यार तू इतनी खूबसूरत क्यों है ?  
कब, कैसे, कहाँ याद नहीं, प्यार था या Attraction मालूम नहीं ।  
तो फिर ये “कुछ कुछ होता है” वाली feeling क्यों है ?  
यार तू इतनी खूबसूरत क्यों है ?  
जब भी कभी बात हो प्यार की, तो तेरा ही चेहरा नज़र आता क्यों है ?  
जब कसूर तुम्हारी अदाओं का है, तो भला गुनहगार हम क्यों हैं ?  
ना जाने मेरे सपने, तेरे खयालात की गिरफ्त में क्यों हैं ?  
यार तू इतनी खूबसूरत क्यों है ?  
मुझे याद है हमारे स्कूल के रास्ते एक ही हुआ करते थे ।  
रोज मैं अपना टाइम बदलता फिर भी हम साथ बस थोड़ा एक-दूसरे के आगे पीछे हुआ करते थे ।  
वो बस एक Coincidence था या कोई इशारा था,  
खैर छोड़ो, अब ये किस्सा भी पुराना है ।  
चली गई है बहुत दूर वो, पर ना जाने उसके लौटने की आस क्यों है ?  
यार तू इतनी खूबसूरत क्यों है ?  
जो कभी आने ही नहीं वाला, उस पल का इंतजार क्यों है ?  
जानता हूँ, उसे पा नही सकता, फिर उसके लिए दिल में छेड़ी जंग क्यों है ?  
यार तू इतनी खूबसूरत क्यों है ?  
ना हुई अमी तक दोस्ती भी, तो मोहब्बत की उम्मीद क्यों है ?  
उसकी एक झलक पाने की इतनी तड़प क्यों है ?  
अब भी तेरा हाल जानने की इतनी बेकरारी क्यों है ?  
यार तू इतनी खूबसूरत क्यों है ?

जो कभी शुरु ही नहीं हुई, वो कहानी अधूरी सी लगती क्यों है ?  
ना हूँ यार, ना ही आशिक, कमबख्त फिर भी तेरी यादें इतनी बेसुमार क्यों है ?  
यार तू इतनी खूबसूरत क्यों है ?  
जब भी बात हो School के दिनों की, तो सबसे पहले तेरा जिक्र क्यों है ?  
तुझे सबसे छुपाने का दिल करे, ऐसा राज़ क्यों है ?  
यार तू इतनी खूबसूरत क्यों है ?  
जब कुछ है ही नहीं हमारे बीच, तो फिर इस अनोखे रिश्ते को नाम देने की दरखास्त क्यों है ?  
ना कभी पाया तुझे, फिर भी तुझे खोने का डर क्यों है ?  
यार तू इतनी खूबसूरत क्यों है ?  
बस बहुत हुआ, भूल चुका हूँ उसे मैं, खुद को समजाया मैंने ।  
दिलने चाहत के दरवाजे पर दस्तक देकर कहा, जनाब अगर भूल ही गये हो उसे,  
तो अब भी तुम्हारी जेब में उसकी तस्वीर क्यों है ?

**Yash Khorja**  
(Information Technology)

## शब्दों का अभाव

तुम बहुत सुंदर हो,  
लेकिन तुम शायद ये जानती भी नहीं,  
तुम जानती इसलिए नहीं,  
क्योंकि हमने कभी कहा ही नहीं,  
हमने कहा इसलिए नहीं,  
क्योंकि तुम्हारी इजाज़त नहीं थी,  
इजाज़त मिल भी जाती तो,  
शायद हम बयान न कर पाते ।

**Karanbir Singh**  
Mechanical

## भारत विश्वगुरु

अरबों-खरबों सालों से फैला रहा रोशनी ज्ञान की ।  
वही सुश्रुत, वही चरक, वही आर्यभट्ट की भूमि ।  
अर्पण-तर्पण और शहीदों की हैं यह धरती ।  
भगतसिंह, आज़ाद, सावरकर की भूमि गौरव की ।  
वेद-वेदांत से रामायण महाभारत की ।  
यह धरती है राम और कृष्ण की लीलाओं की ।  
जहाँ दिया जाता है कर्म उपदेश बीच युद्ध में ।  
वही बन जाता है राम मर्यादा

पुरुषोत्तम इस जग में ।

कैसे भूल जाए उन युद्ध के वीरों को ।  
राणा, शिवाजी और लक्ष्मीबाई के शौर्य को ।  
जहाँ जन्म लेते हैं महात्मा और लोहपुरुष ।  
वहाँ स्वराज के लिए लड़ते हैं

बोस जैसे कई और पुरुष ।

हे भारत सूरज की तरह तपा है

अब चमकना होगा शुरू ।

वंदे जगतगुरु, मेरा भारत होगा विश्वगुरु ।

**Parmish Dave**  
Mechatronic (3rd Year)

कुछ करते हैं

करके दिखा, कुछ करके दिखा  
जिन्दगी मिली है तो कुछ करके दिखा ।  
मिली है एक बार, नहीं मिलेगी बार बार,  
हज़ार बार,  
लोग रोकेंगे हज़ार बार ।  
तू रुक मत,  
तू दौड़ता रे, आगे बढ़ता रे,  
कुछ न कुछ करके उनको दिखा दे तू बार-बार ।  
हर बार, हम जीतेंगे बार-बार,  
कर दे तू आरपार,  
तोड़ दे तू, जोड़ दे तू, मार डाल अपने डर को ।  
मारने का, डर भगाने का, महेनत करने का,  
ये नतीजा है यहाँ तेरे आने का ।  
आनेवाले चले जाते हैं, कुछ नहीं कर पाते हैं,  
सिर्फ खाते हैं, पीते हैं, बोझ बनते हैं यहाँ जीके ।  
ठीक है, चलो फिर ठीक है,  
करते हैं, कुछ करते हैं,  
जिन्दगी मिली है तो कुछ करते हैं ।

**Jeet Gadara**  
Electronics & Communication, 3rd Year

## यादगार सफ़र

राह ए जिंदगी में दोस्त तो बहुत मिलते हैं,  
अच्छे, बुरे, कई तरह के होते हैं,  
लेकिन यही छिछोरे हर मुश्किल में साथ होते हैं।

आज भी याद है वो पहला दिन,  
अंजानी जगह, अंजाने लोग, अंजाना माहौल,  
लेकिन किसे पता था कि यही दोस्तों से हमारी जिंदगी का सबसे माहौल होगा ॥  
यही दोस्तों की वजह से घर से दूर भी घर जैसा हसीन परिवार होगा ॥

आज भी याद है मुझे वो पहला दिन,  
वो मेरा क्लास में बैठे लोगों को देखना,  
उन्हें देख मेरे दिल का जोरों से धड़कना,  
और मेरा मेरे दिल को संभालना,  
लफ़्जों में काफ़ी हिचकिचाहट थी,  
दिल को बात करने की जल्दी थी,  
लेकिन मेरे पास कहाँ कोई दोस्त की जानकारी थी,  
निकला मैं जरूर अकेला सा था,  
लेकिन कुछ खास लोगों के मिलने से ये सफ़र और भी खूबसूरत होता जा रहा था।

वक्त बीतता गया, मैं उन्हें जानता गया,  
कुछ को दोस्त, तो कुछ को अज़ीज़ दोस्त कहता गया,  
दोस्त दोस्त कहते कहते मैं एक परिवार बुनता गया,  
फिर वो हर छोटी बात उन्हें बताना,  
वो उनका मेरी हर बात पे गाली देना,  
सुकून सा लगता है,  
मुझे ये सफ़र अब उन दोस्तों के साथ और भी खास लग रहा है।

वो परीक्षा के लिए अगली रात को इंपोर्टेंट माँगना,  
वो पूरा सिलेबस एक रात में टोपर से सीखना,  
बिना सोए एक्झाम्स देना,  
एक रात पढ़ कर वो एक्झाम्स पास करना,  
यही सब से तो जिंदगी की यादें बुनती हैं,  
अब एक दिन भी दोस्तों की गाली के बिना शाम सूनी सी लगती है,  
ये जिंदगी की सफ़र मुझे दोस्तों की यारी से सुकून सी लगती है।

वो सेकंड ईयर में आके जुनियर्स के लिए पार्टी की तैयारी करना,  
वो अपनी जुनियर लड़कियों को देखना,  
मजाक मस्ती सब करने को क्लास बंक करना,  
केन्टीन को गाली देना, प्रोफ़ेसर का मजाक उड़ाना,  
वो दोस्तों की प्रोक्सी लगवाना,  
बड़ा अच्छा सा लगता था,  
ये सफ़र मुझे ये छिछोरो के साथ और भी खूबसूरत सा लगता था।

वो टेक्फेस्ट के नाम पे पूरा कोलेज घूमना,  
हरेक क्लास में एनाउन्समेन्ट के बहाने लड़कियाँ देखना,  
क्लास में ना जाने के लिए सब को समजाना,  
और बाद में कोलेज की केन्टीन में ही बैठना,  
वो टेक्फेस्ट के बहाने कोलेज में की गई रात रातभर वाली मस्ती,  
केन्टीन में लिखी गई जर्नल की कोपी,  
बड़ी मस्ती भरी लग रही थी जिंदगी, वजह से इस दोस्तों की यारी,  
जिंदगी की ये उम्र मुझे बड़ी प्यारी लग रही थी दोस्त संग तेरी यारी।

वो प्रोजेक्ट की वजह से प्रोफ़ेसर की डांट खाना,  
प्रोजेक्ट एक ने ही किया है फिर भी ये तो पूरा हमने रात रात भर जाग कर किया है  
कहना,

वो चाय, समोसे की पार्टी,  
वो ली गई दोस्तों के जन्मदिनवाली पार्टी,  
काफ़ी यादगार रहती हैं,  
ये जिंदगी भी तुम जैसे दोस्तों कि वज़ह से ख़ूबसूरत सी लगती है।

एक परिवार सा बुना ही होता है की आख़िरी साल आ जाता है,  
जिससे दिल से जुड़े थे उनसे जुदा होने का वक्त आता है,  
सारा सफ़र आँखों के सामने से गुजरता है,  
ये अंजाने से शुरु हुआ सफ़र अब दिल पे राज करता है,  
वक्त के साथ दिल भारी होने लगता है,  
ये जिंदगी इन कमीनों के बग़ैर कैसी होगी ये सोचना भी डर सा लगता है,  
ये जिंदगी का सफ़र इन्हीं छिछोरे के साथ ख़ूबसूरत लगता है।



JANKI M. KOTHARI  
EC 2nd Yr.  
180110111016

*A Tribute To The Departed Soul*



**Chaitanyabhai**

Date of Birth. 30-12-1965

Date of Demise. 07-12-2019

Maintenance

Electrical Department



The background features a vertical gradient from yellow at the top to red at the bottom. Several black silhouettes of birds in flight are scattered across the page, with one large bird at the top right and others of varying sizes and orientations throughout the lower half.

# VOICE 2020

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