



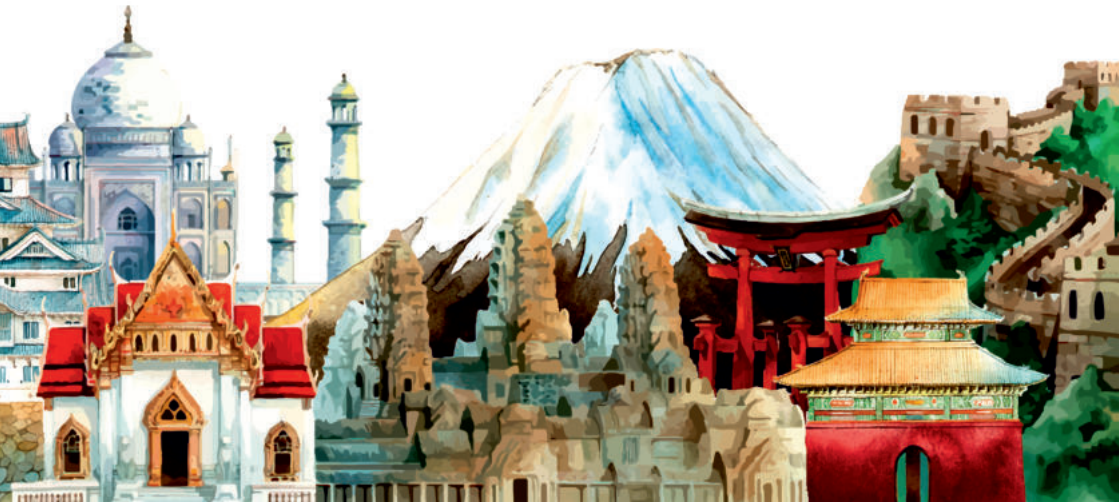
**SIES**

RISE WITH EDUCATION

Graduate School of  
Technology



# SAMANVAY 2019





**SIES**

RISE WITH EDUCATION

Graduate School of  
Technology

**Sri Chandrasekarendra Saraswati Vidyapuram**

**Plot No. IC/D/E, Sector 5, Nerul, Navi Mumbai,  
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## Principal's Desk

It is with pleasure that I handover 'Samanvay 2019', an in-house, annual publication of the SIESGST. 'Samanvay' not only chronicles the events and activities of the current academic year but also provides a prolific forum for students to showcase their creativity and literary talent. This institute has always taken promising steps towards inordinate development of students throughout the year and inculcate a creative thought process and a mindset that leads to innovations.

It has been a brilliant academic year with exceptional performances across all the fields. The remarkable efforts of the student council and the multitude of student chapters made this year a formidable success. Introduction of numerous schemes and programs for a holistic overall development of students received an exceptionally positive response. The mentor- mentee scheme, entering its second term, has been a revelation towards a promising personal and professional guidance relationship developed over time between faculty and students. The highlight of the year has been the development of Student Development Programs(SDPs) offering students multiple programs and courses for growth beyond their academics. A new batch of aspiring engineers with innovative minds and promising attitudes were given an orientation by the council members and faculty under the induction program introduced by AICTE. It was a successful attempt towards the embodiment of ethics, values and principles along with knowledge and creativity.

TechXter and Innovations- national level student paper presentation and project competition organised by IETE ISF and the CSI student chapter also met all expectations. It was well organised and was enthusiastically received by the participants from all over India. The events bestowed a boost and provided exposure to the students to display their abilities at a larger platform. Being a technical institute, we have to make our presence known at every technical front and create interactions in and around the industry. Technical festivals, newsletters and forums are a great platform to showcase individual projects and developments representing the institute. The annual technical fest, Cognition, and the cultural fest, TML were a grand success. The students carried on the tradition of the annual celebration of technical thinking and cultural exhibition with extensive participation in all events and happenings of the fests.

If the institute is a skyscraper then the students are the very foundation of it. The exponential growth of the student council over the years has been a work of art and it has developed into a well oiled machine organizing several events, and providing the students a feel of the roles and responsibilities of a corporate world. These experiences are beyond academics and every student should make the most of this opportunity.

To succeed in life one needs good health, peace within yourself, wisdom to make the right decisions, sense of fairness and honesty, and above all, the desire to do better every day. So never leave the zeal to learn and innovate and always tread the right path.

Congratulations to the editorial team who have put in untiring efforts to for the publication this edition of Samanvay. I hope 'Samanvay' continues to be your voice, to introspect, share and involve in the institute building process.

- DR. Atul Kemkar  
I/C Principal





Department of Computer Engineering



Department of EXTC Engineering



Department of Information Technology



Department of Mechanical Engineering



Department of Printing & Packaging Technology



Department of Humanities & Applied Sciences

# SIES FACULTY



Office



Non - Teaching



# SIES FACULTY



Library



Training & Placement Cell



Women Development Cell



Exam Cell



## Achievements



Creative Excellence: Abhirup Dasgupta



Cultural Excellence: Mudassar



GSTian of the Year: Harish B.



Sports Excellence: Samar Syed



Sriram Suresh Endowment Award  
for Most Enterprising Student: Vishal Raj



Technical Excellence: Omkar Prabhu

## WOMENS AWARD



Yashasree Patil



Riona Almeida



Sayali Patil



Thirtha Shetty



*When you're up against a trouble,  
Meet it squarely, face to face;  
Lift your chin and set your shoulders,  
Plant your feet and take a brace.*

*When it's vain to try to dodge it,  
Do the best that you can do;  
You may fail, but you may conquer,  
See it through!*

*Black may be the clouds about you  
And your future may seem grim,  
But don't let your nerve desert you;*

*Keep yourself in fighting trim.  
If the worst is bound to happen,  
Spite of all that you can do,  
Running from it will not save you,  
See it through!*

*Even hope may seem but futile,  
When with troubles you're beset,  
But remember you are facing  
Just what other men have met.  
You may fail, but fall still fighting;  
Don't give up, whate'er you do;  
Eyes front, head high to the finish.  
See it through!*

-Edgar Albert Guest

# SAMANVAY TEAM



Akash Menon



Sahil Iyer



Manushri Godwa



Diya Chakrabarti



Mansi Gupta



Siddhesh Menon



Divya Srikant



Dhruv Kohli



Yash More



Jnanvi Godwa



Sandip Mondal



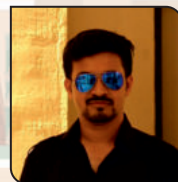
Mithul Kurlekar



Suyash Jaju



Oshian Gadiya



Abhirup Dasgupta

**“Tradition is a guide and not a jailer.”**

**— W. Somerset Maugham**

Tradition, the one word that has so many meanings and interpretations that it's impossible to decipher it correctly without invoking a multitude of debates, especially in India, which is a country bathed in tradition. Instead of arguing over the term in a broader sense, it's preferable to talk about its significance for non-religious purposes.

We might have heard the word just thrown about in casual conversations, referring to a practice or an activity being done consistently, probably after every fixed amount of months, or years. A group of friends might have a distinguished tradition of, let's assume, watching a movie of a specific franchise together and hence evidently, tradition in the casual sense doesn't require strong opinions or any extensive research. On that note, any form of casual tradition can either be applied for a small group or it can be used to educate and elucidate a bigger crowd. Curious to find out what we mean?

The Literary Team of SIES GST is no stranger to tradition and hence we are back with our annual Magazine SAMANVAY 2019, which is a collective depiction of the various activities and events organised by various departments under the Student Council of SIES GST and the fervour, enthusiasm and dexterity displayed by them to make the year a success. In addition, it stresses upon the amalgam of art and technology, which is believed to be an underrated concept!

The Literary Team is proud to present you this 'Samanvay', a rendering of a multitude of ideas and emotions experienced by SIES GST in the past year along with the unparalleled work of the editing and design team who made this issue possible. This is an adventure filled with literature, art, photographs, science, technology, emotions, memories and everything in between. This is SAMANVAY.

Editorial Team :

Akash Menon

Dhruv Kolhi

Jnanvi Godwa

Manushri Gowda

Sahil Iyer

Mansi Gupta

Siddhesh Menon

Yash More

Diya Chakrabarti

Divya Srikant

Designing Team :

Sandip Mondal

Oshian Gadiya

Mithul Kurlekar

Abhirup Dasgupta

Suyash Jaju

**FE**

YEAR	NAME	POINTER
FE	NINAD CHAVAN	9.68

**CE**

YEAR	NAME	POINTER
SE	SHWETA SHEKHAR	10
TE	SHRINIDHI SHETTY	9.81
BE	PALAK PATEL	9.51

**EXTC**

YEAR	NAME	POINTER
SE	SAFINA ANSARI	9.6
TE	ABHIJEET YAMGAR	9.71
BE	DIVYATA KOTIAN	9.47

**IT**

YEAR	NAME	POINTER
SE	SARA NAYAK	9.67
TE	ARJUN KAPOOR	9.51
BE	MADHUGANDHA CHAVAN	9.01

**ME**

YEAR	NAME	POINTER
SE	AMAR MANDAL	9.09
TE	TUSHAR JANGAM	9.4
BE	SALVI URVIN	9.5

**PPT**

YEAR	NAME	POINTER
SE	AKSHATA MAMADAPUR	9.54
TE	PURVA HULE	9.49
BE	AKSHAY ADALE	9.06

**BT**

YEAR	NAME	POINTER
BE	HALWAI PRITI ASHOK ANJULATA	9.54

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## FROM THE LITERARY TEAM

The Literary Team of SIES GST Students' Council conducted various activities in the academic year 2018-19 with a view to promote literature and to provide students with a platform to exhibit their talents. This year, the team began its activities with FE Orientation. Various activities such as resume building, story writing, quizzes etc. were conducted in order to get the newly inducted students to participate and to mingle amongst themselves.

Orientation was conducted for the students of SE, to expose them to the various activities conducted in the college, and to promote their talents. Like every year, the team conducted events during the college's technical fest Cognition. Events such as Pentastic, Bol Bachchan, Psyck and Trapped were conducted that would let the students use and improve their literary skills and have fun at the same time. Paradigm 2018 was a three day literary fest conducted for the first time, which saw 3 different speakers deliver sessions on many topics from the potential of the digital media, the value of networking to the art of micro-fiction.

In the even semester, the team conducted the 5th iteration of SIESGST MUN. It was a two-day international relations conference. This year, there were two committees, DISEC (Disarmament and International Security) and UNHRC (United Nations Human Rights Council) highlighting on agendas such as Cyber Warfare, Curbing Terrorism, Right to Privacy and Legalization of Euthanasia. Gravitas Week was conducted for all the literature lovers of SIES GST. This year, Gravitas was conducted for 3 days, each day having seminars such as making India read, and events such as LitHub and Endgame, which was a story writing competition. During TML 2019, the Literary Team conducted few events such as Life in the fast lane, Yakuza and Cosplay for enabling students to showcase their skills, interact with their fellow peers and seniors and to have fun while learning.

Along with all the events, seminars and workshops, the team published the college's bi-monthly newsletter- The GST Gazette, which had all the happenings of the college, Ads regarding various events, an achievement and news section etc. The last activity for the year, by the team was to publish the annual magazine of the college- Samanvay. This magazine contains the entire year's gist of all the active teams of the student council, various memorable photographs, articles, poems etc. for everyone to reminisce and relive the fun moments of this academic year.

-Siddhesh Menon  
BE-IT



## WISE WORDS



Dear Students,

It makes me feel extremely happy and proud to see one more batch of students graduating from the institute as confident individuals with tremendous ambition and a lot of dreams for their future. I am looking forward to seeing each one of you grow and flourish in the years ahead. While you are on the threshold of this exciting journey through life, I would like to share some of the lessons that I learnt from my colleagues and students, and also from my parents and mentors.

Albert Schweitzer once said, “I can do no other than be reverent before everything that is called life. I can do no other than to have compassion for all that is called life. That is the beginning and the foundation of all ethics.”

Virtue, morality or what we call ethics isn't a field of study, it's a mode of being upon which all fields of study, professions and life, in general, rests. As you move ahead in life, you will build relationships and connections along the way, some will be personal, some very professional. Some would be easy and some would bring with them their complications. Some would be highly emotional and some strictly materialistic. But one thing I have learnt from my experiences is that the worth and solidity of all these relationships, connections and network you build rests upon your morals and your inherent ethical purview.

One of the things my parents and my professional career have taught me is that you should never be afraid to look within yourself, because that is where the two most valuable currencies reside- potential and consciousness. This is not easy by any standard of imagination; I, to this date still find it difficult to do so sometimes. As we have built ourselves on a set of rigid values, we often take pride in it and it is important to do so because those ethics and principles define our identity. Being proud of your work, of the people close to you and of yourself is of supreme importance. But I realised this quickly in my career and I hope you do too, that pride is a double-edged sword, it can get toxic very quickly.

When ego or self pride starts dictating your relationships, when greed and a constant obsession to win every argument for the sake of winning comes to fruition, when thoughts such as “what I want” and “what I feel” and “what I need” take the centre stage, always remind yourself to take a step back and introspect the situation and be cognizant, and at that moment, be completely honest with yourself, because you and only you can solve the issues your inner self has developed ethically. You will be surprised by the perspective that will divulge in front of you when you stop the “self talk”, be compassionate, and look at the grand scheme of things from a wider perspective.

Always be ready to learn and never be afraid to ask questions to yourself and the world because it is the act of questioning everything that breeds wisdom. Wisdom is not something you acquire in a day or even in a lifetime, it is a constant work in progress. It is a process of constantly questioning, redefining and strengthening your ethical values. No one is perfect, nothing ever is, and if you crave to be “the perfect student”, “the perfect son or daughter” or the perfect anything, I hate to break it to you, you won't be. But those imperfections are what make us unique. We have to embrace those imperfections and act wisely.

Whatever life throws at you, be kind, always show compassion and be empathetic to everyone. Embrace your flaws and don't be afraid to introspect. Enjoy every moment of your life. Love your family and friends. And most importantly, always keep your values, your principles and your ethics very close to you, they are all you'll ever have.

Experience everything from a wider perspective.

## ACHIEVEMENTS

Academic year 2018-2019 was a stellar year for GSTians at a multitude of levels where the students represented the institute throughout the year.

### Cultural Achievements

- Aagmi :- The folk dance crew of the college secured 1st position at the inter-collegiate dance competitions organized by Pillai College of Engineering and Amity.
- Moksh :- The dance crew, bagged the 1st prize at the inter-collegiate dance competitions held at NMIMS and Lokmanya Tilak college of engineering.
- Aarambh- the drama team reached the intra zonal level of University conducted competitions in the categories of “One act play” (Marathi and Hindi). Also, Panvanraj Tembhurne and
- Abbasi Mudassir of BE got to the Intra zonal rounds of Mono acting in the Marathi and Hindi categories respectively.
- The Fashion Show team secured the 1st position at the inter-collegiate competition held at SIES College of Management. They also finished 3rd at the competition held at RAIT.
- Students who participated in the performing arts category of the University competitions did well as they all reached the intra zonal level. The students were- Ritu Rao of SE in Indian Classical Dance, Anirudh Kashivishvanathan (TE) in Indian classical vocal Solo, Aakriti Pathak of TE in Indian light vocal Solo, K.Sriram in classical instrument (Non Percussion), Sainiranjana Sharma of TE in western instrument Solo and Reethika Ranganathan of TE in western vocal Solo. Also, the music club reached the intra zonal level in the Indian group song category.
- The fine arts category of university competitions also saw all the participants of our institute reach the intra zonal level. The students were- Thirtha Shetty(TE) in Mehendi Designing, Pranav Venugopal(TE) in Poster Making, Saurab Rao(TE) in Spot photography, Sumedh Sath(TE) in ‘On the spot painting’, Sumana hati (SE) in Cartooning, Vinay Thakur(SE) in Clay Modelling and Kriti Alva(SE) in Collage.

### Sports Achievements

- The SIES GST cricket team finished at round 1 at the inter-collegiate competition held at SPIT and SJCA. They reached round 2 at the competitions organized by SIES and KEM college. The team reached the 4th round of the university level competition held by Mumbai University.
  - The football team of the institute reached the quarter finals of the inter-collegiate competition held by Lokmanya Tilak college of engineering and RAIT.
  - The basketball team reached the quarter finals of the inter-collegiate competition organized by Institute of Chemical Technology.
  - Soumya Chillara got selected for the Mumbai University team of Handball.
  - Yasin Ansari bagged the 2nd prize of the university level competition in Taekwondo and earned his selection for the national level competition.
  - We got numerous prizes in carrom at the inter-collegiate and university level.
- Omkar Devadiga secured the 1st position in singles in the Inter-collegiate competition held at KC college. Aditiya Raje & Omkar Devadiga got the 1st position in Doubles in the Inter-collegiate competition held at KC college. Prajwal Suvarna & Aditiya Raje were Runners up in Doubles in the inter-collegiate competition held at SIES. Aditya Raje & Omkar Devadiga reached the 5th round in Doubles of the University competition. Kathiresan & Rajat Mahadik finished in the 4th round in Doubles of the University competition.

## ACHIEVEMENTS

- Akanksha Nakati finished in 4th place in 100m and 3rd place in the 200m at the Mumbai games. She also finished in the 4th position in Hurdles at the university competition. Vineet Mudaliar bagged 2nd place in Discus Throw at the Inter-collegiate competition held at VJTI. Satish Manikannan secured 9th position in the 6km marathon organized by Terna medical college.
- The Kabaddi team participated in the Inter-collegiate competition held at IIT Bombay and Lokmanya Tilak college of engineering.
- The Kho-kho team participated in the Inter-collegiate competition organized by SPIT.
- The tug of war team were quarter finalists at the inter-collegiate competition held at Pillai College of Engineering and were crowned winners at the Inter-collegiate competition held at SIESCOMS.

### BAJA Achievements

- Team Turbocrafters secured AIR 14 and cleared the virtuals successfully this season at the SAE held competition.

### Literary Achievements

- Varun Sreedhar & Rushikesh Joglekar (FE) secured High Commendation in UNHRC at the SIESGST MUN 2019.
- Rutuja Nighot (BE) & Piyush Borse (SE) reached the Intra-Zonal round (Marathi) of the Debate competition at university level. Jay Pradhan (BE) & Simran Sharma (SE) reached the Intra-Zonal round (English) of the Debate competition. Rhucha Keskar (SE) in elocution competition (Marathi) and Rafia Taskeen (SE) in elocution competition (English), Pawan Kulkarni (BE) in story-telling (Marathi) and Hitesh Naik (SE) in story-telling (English) and Vinay Thakur (TE) and Mansi Gupta (TE) in story writing competition (Marathi and English respectively), all reached the Inter zonal level of university competitions held by Mumbai University.

### Cultural Team

#### **Riwayat:**

Capturing the beautiful essence of the epitome of culture and tradition that is India, Riwayat, the Traditional Day, was celebrated on 16th October 2018. Many students participated in the cultural program with enthusiasm and zest. The performances encapsulated the diversity of our culture. Melodious instrumental tunes found their way to the audience's hearts. Riwayat was a platform for various students to showcase their talents and an opportunity for some to venture into something new.

#### **Garba Night:**

6th of October 2018 is a date GSTians will never forget. On this day SIES GST witnessed its first ever Garba night. Everyone in their traditional ghagra cholis and kurtas, grooved to the beat and danced the night away. It was a happy spectacle in the GST quadrangle, as lights, decorations and music lit the evening up.

### Sports Team

#### **Auction System:**

Cricket and football auction was one of a kind event that happened for the first time in SIESGST.

The auction brought in more sportsman spirit as students from different years and department as friends and foe played together. Girls from final and third year were selected as managers and assistant managers for each team respectively. The system was developed by Yogesh Kumar Singh.

### Literary Team

#### **The bi-weekly Gazette:**

With the ever increasing number of achievements and newsworthy happenings here at GST, the bi-annual newsletter of our college, The GST Gazette, saw an increase in its frequency of publication. It is now published twice a month, to keep up with us GSTians.

#### **LitClub:**

The Literary Club of SIESGST launched an online platform to showcase the literary and creative skills of GSTians, titled LitBuzz on their social media pages. This initiative brought to light various poems, photos, short stories and artwork created by the students of our college.

#### **Gravitas Week:**

The Literary Club celebrated the world of Literature with the inauguration of Gravitas Week, from 17-02-18 to 23-02-18. This week saw various literary based events, seminars, workshops and initiatives organised to spread the joy of speaking, reading and writing amongst GSTians, including the 4th SIESGST MUN.

### **Paradigm:**

The Literary Club successfully organized a three day Literary Festival- 'Paradigm' wherein 3 different speakers deliver sessions on a multitude of topics from the potential of the digital media and the value of networking to the art of micro-fiction. Ms. Sanjana Singh, Chief Curator at Terribly Tiny Tales, a pioneer in the field of micro-fiction conducted her Flagship Writing Workshop in our campus.

## **Technical Team**

### **Nero (Mascot):**

The Technical Team of SIESGST Student Council developed its first ever Software Mascot which was the highlight of TML 2K18. The mascot "Nero", is an application running on Android Things. Since 'Nero' was first launched during the fest, it mainly catered to providing details about TML and solving related queries. "Nero", furnished information regarding the various events of TML, the flagship event for each day was and also had the floor map of our college to guide the guests and fest visitors. What made "Nero" interactive was the prompt assistance that "Nero" would provide on hearing "OK NERO..". Yes you got it right, using Google Assistant's support and DialogFlow for natural language processing, the mascot was capable of answering all the questions that were asked by the visitors.

### **Google Assistant :**

The Tech Team launched our very first Google assistant app, SIES GST EVENTS. This app gives an overview of all the events happening in the college. The team is working on further developments such as adding registration for events and notification so that you are always kept updated and SIESGST EVENTS will be just a command away.

To experience our Google assistant just say

"Ok Google"

"Talk to SIESGST Events"

Or on your Google assistant, type

"Talk to SIESGST Events"

### **Companion Portal:**

The Tech Team launched our SIESGST Companion Portal for issuing Railway Concession forms, getting updates on the college events and other notifications and the Cognition and TML event details all on the Companion App.

### **CodeChef : Turing Cup**

The CodeChef campus chapter of our college - SIESGSTarena, organised the first ever Turing Cup through the first half of 2018. This competitive coding contest witnessed participation from around the globe in its online selection rounds, and saw some of the best coders from our college battle it out in the finals held on campus on 24-03-18.

## HUMANS OF GST : Mr. Vilas Dhupkar



The office of SIES GST is a very crucial part of the institution, which is the place where students always go for help during emergencies. In this office, we found a modest and kind person with a friendly smiling face, who is always willing to help students with their problems. The person we are talking about here is our beloved Vilas sir. We had a very interesting conversation with Vilas sir where we got an insight into his life.

When we asked him about his journey to SIES GST. He replied, “I appeared for a common interview in SIES, Sion through which I joined the SIES College of Arts, Science and Commerce on 1st January 1999 as a housekeeper. After a few years, I was transferred to SIES GST on 1st May 2007 as a clerk. I still remember the day on which I got an opportunity for working with SIES. I was out of Mumbai to have a picnic with my friends, surprisingly I received a call informing me that I got selected in the interview and had to join SIES from the next day itself. I was exhilarated after receiving that call. After hanging up the call, very excited for my new job, I headed back home. The first day of joining SIES is one of the most memorable days of my life.”

When we asked him about the reason behind choosing this profession and institution, The answer we received was, “My uncle worked in SIES. With his support, I appeared for the interview and got selected here. When I joined SIES, I observed the structure and functioning of this institution. I really appreciated it. This job was associated to the educational field and I was always interested in working with such type of institution. Therefore, I decided to continue working here.”

He also shared his previous job experience with us: “I worked with Kevin Export in the bill forwarding department. I made some good friends and had a good time there.” He mentioned that if he wouldn’t have joined SIES, then he would have continued with his previous job in Kevin Export.

He revealed his passion about cricket during the conversation. He described it as, “Cricket has always been my passion since childhood. I relish playing cricket. I always look forward to the non-teaching staff cricket tournaments being held in the institution. This passion of mine has earned me a lot of trophies as well.”

He specified that he found a lot of differences in the previous and current batches of SIES. He signified the variation in the students’ behaviour over time, “The previous batch students were more welcoming and friendly. Now a days, students’ interaction with me is only restricted with their work in the office. With the previous students, the scenario was completely different. The passed-out students had developed a great bond with me. Even now, if they meet me outside the campus, they greet me with so much enthusiasm. It’s always a pleasure to meet such students.”

He disclosed the fact that the days when he used to work in the SIES College of Arts, Science and Commerce, were some of the most effacable days of his life. When asked about his expectations from his children, he detailed that he has given his children complete freedom to pursue a career of their choice. He hasn’t restricted them only to medical or engineering fields. He just wants his children to be happy and successful in their life. He is ready to support them in every way required to fulfil their dreams.

‘Always be ready to help others and to bring happiness in others’ life.’ Helping others has always been the priority of Vilas sir. He has imbued us with the significance of being generous and happy in life.



Any course in a student's life is like musical notes, it has its highs and lows. There is always a weight to carry, the weight to be successful, to stand out, to be a part of this race. My journey began at SIES GST in 2015, I was an engineer without a choice, and a creative by passion. We, as students of the First Year always look to stay under the umbrella, to stay in the comfort zone, the umbrella is always colorful on the outside. Our comfort zone is like quicksand. To be something, we need to pull ourselves out and be productive.

Everything was at a fast pace- Lecture. Break. Practicals. Repeat.

Addictions are merely habits taken very seriously. That is where I found my passion/hobby, Photography and Design. It was the kryptonite to my Engineering life as well as it was the warmth to my fiery soul. It was productive at the same time, it was destructive. I started getting my head off from the monotonous life of an engineer and began to wander in finding my 'Happy Place'.

Mumbai City is huge, this city has taught me a certain way to live. Walking on Marine Drive, being isolated yet standing out by yourself, that's where I found the balance between my work and my life. A city that never sleeps, never stops, an iconic place, a place where dreams are fulfilled, where people run on time and not on Kilometers, a place where I live, a place I call Mumbai, "Aamchi Mumbai".

Sometimes you need to remove time from your busy schedule and just observe the life around you, these observations help you to give meaning to your life, you learn things that you will never learn from the lectures. It's always been every parents' dream to see their child's success. According to the stereotypical society, there are only 2 modes for the success of the child, ENGINEER or Doctor, I belonged to the former mode. However, there is also a 'third mode', the child's own dreams which are very flicky and undecidable, They always think at a different tangent from the society. The Child always wishes to be different from others, to fulfill his/her dream and what better place to do that than the 'City of Dreams?'. Millions of people come to this city to fulfill their dreams and all they need is a moment, a chance that changes their life and changes how they look at it forever. There are many modes of travel - buses, trains and boarding the right transport is what leads one to his destination and one wrong choice can change their life forever.

Education is the most important aspect of a child's life. Everyone wants to be an educated individual, education gives the human individuality to be a part of the society and to make it a better place. Like a tree needs to be nurtured to grow, even the child needs to be nurtured, cared and loved to grow, that's when the child will be able to climb the tree of success. All youngsters want to be popular and be recognised in a crowd, it's all that they think of but finding shortcuts and cutting corners is not the way. Hard work, commitment towards your dream, perseverance towards achieving your dream and most importantly the love towards what you want to do. In any endeavour, to gain success hard work is inescapable. To make a difference you need to light up the zeal inside you, it should radiate so much energy that you should be able to feel like a king of your own life. But if you do miss out on your transport you can always look back to the rusty old cycle in your back-yard, start cycling through signals, traffic Jams and lets not forget the pot-holes and eventually you will reach your destination.

Today I still have a KT in one of my semesters, but I have my cycle and this exam is just a speed breaker. If you have reached the end of this, let me tell you that there is always a reason behind Success 'Stories'.



The very first workshop conducted by the CSI Council of 2018-2019 was on Embedded Systems. This was a free one-day workshop organized by one of our TE students, Shreemun Pranav. We got tremendous response from the students of FE, SE, and TE. Over 70 students attended and the workshop was successful with positive feedback. This was followed by a seminar on Technical paper writing specifically for BE students, which was conducted by the faculty of the Computer Engineering department. At the end of the seminar, students were guided to implement it in their project paper.

The next seminar conducted was on Industrial expectations from engineering students. The alumni of SIES GST talked about the technologies, the hands-on experience the industries are expecting from the engineering students and further about the importance of internship during the course of engineering was highlighted.

Next was the workshop on Android programming which was organized by 9th Legend company. It was a one day workshop wherein the students from SE and TE attended. They were taught the basic concepts of app development, ranging from layouts to navigation from one activity to another. At the end of the workshop, students were able to make a basic interactive android application.

Based on the workshop conducted, during our annual Tech Fest, COGNITION 2k18, App-absolute Event was held, which was a team competition (team of 2) and around 80 teams from across Mumbai participated. The competition was a 2-day event and the winners were felicitated with trophies and certificates.

Coding competition was a new and amazing initiative taken up last year, and we continued the same this year. Almost all the students from FE, SE and TE participated willingly for the competition, thus facilitating the development of their coding skills. The competition was of 2 rounds, the first round was conducted after college hours which consisted of MCQ questions related to Java and C language, and in the final round, a program was to be executed on the given problem statement. The final round was conducted in parallel with App-absolute Competition in COGNITION. There were close to 30 participants and the top 2 winners were rewarded.

During the odd semester, CSI Activity hour was scheduled for the students of SE and TE. The CSI Council students co-ordinated with Computer Department faculty and conducted separate quiz every week for SE and TE students.

At the end of the semester, an interactive session was conducted by the participants of Smart India Hackathon 2018. The team stood in the Top-8 rank and shared their experience about the Hackathon, its procedure and helped in solving the queries of SE and TE students who wished to participate in next edition of the Hackathon in 2019.

The CSI Student Council, organized 7th National Level Project Competition, INNOVATIONS, on 15th March 2019. Innovations served as a platform for young minds to take this window of opportunity and bring forward their innovative ideas in the form of projects.

This year the CSI council received over 120 abstracts, a count never seen before. The projects were from various domains of engineering. Out of the received abstracts, 42 projects were selected for the competition, after carefully analyzing each one based on parameters such as novelty, effectiveness, positive impact on society and scalability.



We had the privilege of having Mr. Aniket Mhala, Global Technology Head, Oracle, as the chief guest for the event. Our Principal, Dr. Vikram Patil, welcomed the chief guest and all the jury panel. The jury panel across the venues included 6 esteemed Industry experts.

Dr. Rizwana Shaikh, HOD CE, and Suvarna Chaure, SBC CSI and Mr. Sanket Bailmare, Chairperson of CSI Student Council welcomed all the participants. The vibrant and innovative competition was concluded by a vote of thanks by the Chairperson of CSI Student Council, Mr. Shridhar Ravimani.

Winners of Innovations 2019 are as follows:

### VENUE A: Software & IT

Prize	Title	Group Members	College
1st	Digital Salesman	Vijay Raj Vedik Dave Shivani Sharma Ahmed Bhesaniya	Sarvajanik College of Engineering and Technology, Surat
2nd	An enhanced Teaching learning process	Lakshmi P URS Rohini Bhutada Bhakti Patil	Walchand Institute of Technology, Solapur

### VENUE B: Electronics and IoT

Prize	Title	Group Members	College
1st	Garbage Plastic Profiling	Venkatesh A Shantanu Ghar Sayali Patil Sarathak Sharma	SIES GST
2nd	Smart Traffic lights using CCTV	Sai Prasad Shweta Shekhar Omkar Warade	SIES GST

### VENUE C: Mechanical and Robotics

Prize	Title	Group Members	College
1st	Vibration Dampers in Ambulance	Vyankatesh Pareek Vikas Parmar Dattatray Mhamane Moin Nadaf	Walchand Institute of Technology, Solapur
2nd	Production of inexpensive Bio-plastic from fish scales	Priyanka Sarwade	Walchand Institute of Technology, Solapur

This year, EDC got more than a hundred members from across all branches in its membership drive. The orientation program for our members was graced by Mr. Devesh Chawla, CEO and founder for Chatur Ideas. He motivated the students to follow their passion and never lose hope.

Like every year, EDC presented business related events in the college's technical festival Cognition. This year, EDC celebrated Engineers Day by conducting Panel Discussion and GST FERIA. The subject for Panel Discussion was "Entrepreneurship and various career opportunities". The panellists for Panel Discussion 2018 were Mr. Sandip Dhurat, Mr. Saurabh Sinha and Mr. S. V. Rasal. GST FERIA, a project exhibition cum competition saw projects such as 'Unmanned Next Generation Bot', 'Self-made 3D Printer', 'AR Area Mapping Bot' etc. by students across all years and branches.

EDC in collaboration with IETE SIES GST organized two events viz. Ideation, an idea presentation competition and a workshop on Design Thinking and Data Science at ISDI, Mumbai. Ideation was conducted in association with various NGOs in Mumbai and Navi Mumbai

We organized a B-Plan workshop for showing our members how to prepare their own business plans. The guest for this event was Mr. Rohit Radhakrishnan, Regional Head at NASSCOM. He inspired our students with incidences from his own life and taught them on how to make the perfect business plan. Bizence 2019, a national level B-Plan competition was held in March 2019. This year, we got entries from colleges in Hyderabad and Bangalore, and was a grand success.

EDC merged with the Innovation and Product Development Cells of SIES to form the Center for Innovation, Incubation and Entrepreneurship Development (CIIED). This cell aims to provide all-round development to students and nurture their ideas and thoughts.

-Siddhesh Menon  
Vice Chairperson

The Institute of Electrical and Electronics Engineers (IEEE) is a professional association with its corporate office in New York City and its operations centre in Piscataway, New Jersey. IEEE and its members inspire a global community to innovate for a better tomorrow through its more than 423,000 members in over 160 countries, and its highly cited publications, conferences, technology standards, and professional and educational activities. IEEE is the trusted “voice” for engineering, computing, and technology information around the globe. IEEE Student Chapter in SIES GST has been conducting very interesting and enthralling activities throughout the year. The goal is to foster a broad, multi-disciplinary dialogue, enabling more effective use of knowledge and its application.

### **TECHOPEDIA 2017**

Techopedia is a national level competition organised by the IEEE Student Chapter of SIES GST during the annual technical fest ‘Cognition’. This year it included 3 events namely Inquisitive (national level quiz), Squabble (debate) and Circuit Maniacs. It was a two day event held on 6th of September 2018.

### **IEEE DAY CELEBRATION**

On 9th October 2018 IEEE Day was celebrated in SIES GST by heads, volunteers and members of IEEE. Various global benefits of IEEE were explained and the students were introduced to Scholarships and competitions under IEEE.

### **SELF SKILL AND RESEARCH PERSPECTIVE DEVELOPMENT**

We organised a seminar to give research perspective to students of TE EXTC by Dr. Gayathri M Phade and Ms. Kavita S. Patil. It was a three hour seminar which helped students and navigated students towards their approach to entrepreneurship and self development.

### **INDUSTRIAL VISIT TO JIO EXPERIENCE CENTRE**

An Industrial visit to GMRT, Pune was organized by us. 29 students with IEEE counsellor Prof. Biju Balakrishnan visited the Experience Centre to interact with the Telecom experts to understand current market scenarios, latest most demanding technologies & criteria for selection etc.

### **IEEE XPLORE DIGITAL LIBRARY**

We organized a seminar session on IEEE Xplore Digital Library which was conducted by Dr. Dhanu Pattanashetti. This session was attended by students as well as Faculty members. He explained how the application can be useful for teachers and students.

### **PLACEMENTS AND TRAINING SEMINAR**

We organised a seminar related to placements on 21st Jan, 2019 and its training for students by Pooja Vijaya Kumaran from BE EXTC. It helped and navigated students towards their approach to placements. they were explained about the requirements of placements and the skills needed. pooja had appeared for three companies and she got placed in all the three companies which were TCS, L&T INFOTECH and HDFC.

### **FPGA WORKSHOP**

We organised a workshop on topic ‘FPGA DESIGN USING VHDL’ from 16th of MARCH 2019. Since their introduction in the 1985, field programmable gate arrays (FPGAs) have become increasingly important to the electronics industry.



The IETE Students' Forum encompasses departments such as Computer Engineering, Information Technology and Electronics and Telecommunication. Being one of the important student chapters of SIES GST, this year IETE conducted some important new workshops and events for exposing its members to newer technologies and trends of current times.

This year began with the membership drive in the SEs and TEs, where more than a hundred different members enrolled for membership. The first event for the year was Mindspark, an inter-collegiate technical quiz competition open to students of all years and branches. This event got more than 65 entries from various colleges from across Mumbai. Projexions 2018 was one of the new initiatives under IETE. This Project presentation competition was for IoT and Web development domains, and was open to students of TE from all departments. IETE, in association with EDC SIES GST organized a Design Thinking and Data Science workshop at ISDI, Mumbai. This bootcamp was for the for students of BE, was conducted to open up their minds to different career opportunities apart from the regular engineering options.

In the even semester, IETE started weekly GitHub sessions with a view to introduce students to new technologies. Ideation was an idea presentation competition organized in collaboration with EDC SIES GST, to provide solutions to problems faced by NGOs across Mumbai. Techxter, a national level paper presentation competition, the highlight event of the ISF was organized in March 2019. In its 8th iteration, this event got more than hundred entries from colleges across India. The theme for Techxter 8.0 was "Green Technology"

-Siddhesh Menon  
ISF Joint Secretary

The Indian Plastics Institute (IPI) of SIES Graduate School of Technology being a part of the Department of Printing and Packaging Technology is a student chapter that helps students gain advanced knowledge and current information about technology & applications, the contemporary Industrial practices and potential future developments in Plastics.

The chapter introduced and conducted a myriad of events throughout the year. Events that took place in Printing & Packaging Technology Department of SIESGST under Indian Plastics Institute Student Chapter:

A seminar on “Marketing & Digital Marketing” was conducted on 22nd August 2018 which emphasized on how marketing helps in the expansion of business, its pros & cons.

The 4th Edition of P-Pack & P-Pack Junior was organized keeping the aim of bringing the best of the students from B.E./B.Tech. Courses in plastics, polymers & packaging related fields and put their knowledge to test alongside the best minds from all over India. It was conducted on 7th & 8th September 2018.

A Corporate Learning Program Training was conducted on 26th December 2018 under the IPI Student Chapter which helped the students from SE, TE, BE from SIESGST & MSc. Students from SOP to understand the basics of plastics, right from extraction to its sustainable use. They also got an insight into why plastics are the best & convenient packaging material.

The 9th Edition of Impressions was organized under ISTE. A National Symposium on "Latest Trends in Printing & Packaging Technology" was held on March 9, 2019 & was graced by various experts in the fields of Printing & Packaging. The Panel Discussions covered major topics like ‘Latest Printing Technology Shifts’, ‘Tackling Plastic Ban & Moving towards Sustainability’ & ‘Road Ahead for Printing & Packaging Education’. Technical and fun events were organized on 10th March 2019 for students. Students from all branches could also learn from the Exhibition with the best of prints & package samples collected by our students.





The Indian Society of Heating, Refrigerating and Air Conditioning Engineers (ISHRAE), was founded in 1981 at New Delhi by a group of eminent HVAC&R professionals. ISHRAE today has more than 17,719 HVAC&R professionals as members and additionally there are 10,695 Student-members. ISHRAE operates from 41 Chapters and sub Chapters spread all over India, with HQ in Delhi. It is led by a team of elected officers, who are members of the Society, working on a voluntary basis, and collectively called the Board of Governors. The installation of students' chapter of twelve colleges was held on 4th August 2018. The student chapter installations included the oath taking ceremonies of the President, Secretary and Treasurer of the student chapters of the respective colleges.

The online test for ISHRAE Job Junction, the flagship placement drive of ISHRAE was conducted on October 27, 2018 at the Art Gallery for the final year members of ISHRAE SIES GST Students' chapter. A total of 17 students from the Final year of Mechanical Engineering participated in an All India Level online test and consisted of questions based on Quantitative Aptitude, Verbal reasoning, Analytical reasoning and Technical questions related to various subjects of Mechanical Engineering. out of which 12 students got selected for pool campus interview. in the pool campus interview 7 out of 12 students got selected for job (shortlisted included).

Industrial Visit was arranged at M/s Auro Engineering Company located at Andheri East for all the ISHRAE student members was conducted on 15th February, 2019. Total of 21 students from SIES college was present in that Industrial Visit. The visit also involved a technical discussion on the manufacturing of various components used in HVAC industry such as Heat Exchangers, Compressors etc. with particular focus on fins. Also various manufacturing processes such as pipe bending, brazing, stamping etc. were demonstrated to the students.

An Industrial visit was conducted by ISHRAE to MITSUBISHI ELECTRIC, Andheri east on 22nd Feb 2019. Total 28 students visited the industry. The discussion about the in- depth details about the functionality of various air-conditioners and even about the various new innovations in the field was taken by Mr. Rajkumar S Iyer, Mr. Iyer has been working in this industry for 40 years.

The competitions was arranged by NSDC named as "NSDC - National Student Design Competition 2018-19". It was launched on 30th Aug 2018 where President ,Secretary, and Treasurer was present. The competition includes four teams from every college of 4 members in it, In this competition we have given a sports complex to which we need to make it proper ventilation. For this ISHRAE conducted many lectures to know how the heat load calculation is done. also from SIES graduate School of Technology Prof. Sagar Kadu Sir and Prof. Ajay Hundiwale Sir helped us in solving problems we face at designing.

Report prepared by: Siddhesh Chavan, BE ME, Karan Bhojwani, TE ME, Rishab Naidu, TE ME



The students of the official music club of our college-'Aaroha' organized and performed a charity concert for the children of Sunshine School ,Vashi on 1st March 2019 which turned out to be a musical and energetic day in the history of SIES GST. The event took place in the presence of esteemed dignitaries, parents and the students of SIESGST. It was organized for the children with Autism Spectrum disorder and other developmental disabilities. Our Principal Sir, Dr Vikram Patil, started the event with a motivational speech and the show was then taken ahead by the two amazing hosts for the evening, Jay Gautam from TE-IT and Anushree Kolhe from FE-CE.

The members of the club who performed in the concert are, Anirudh Kashivishvanathan, Aakriti Pathak, Abhishek Avadhani, Sahil Swaminathan, Sainiranjana Sharma, M Adithya, Anirudh Belwadi, Chinmay Wadekar, G Saiprasad, Hariprasad Iyer, Rajiv Iyer, Saisaranya Murthy, Shweta Ravikumar, Siddharth Sridhar, Rafia Taskeen and Vijay Shankar. Some of the children of Sunshine School also graced the evening with their heartwarming performances. They enjoyed the concert and appreciated Aaroha for every single performance delivered for them. Their cheerful and lively nature melted our hearts and brought a feeling of satisfaction amongst all the members of Aaroha.

Students from FE, SE and TE from various branches performed in the concert eve. All the members worked hard with dedication and team-work and came out with flying colors on stage. It was a great opportunity and platform for each performer to do something for the children and also showcase their talent. The complete Student Council of SIES GST helped in organizing the show which was a great success with a series of soothing as well as zestful songs and would not have been possible without the valuable support and guidance of our Student Council In charge, Mrs Sumitra Padmanabhan. Also, we got great support from the HOD of First Year of Engineering, Dr Mansi Karkare.

The Alumni Relations team was formed with the sole purpose of providing the students of SIESGST a platform to interact with the alumni of our college. The alumni have always had a quintessential role in moulding the students and making them more productive and motivated. They act as a source of inspiration for the students with their experiences and valuable knowledge.

We have involved the alumni in several college activities and events. Every year, a Reconnect Meet is conducted to get all the alumni together and to celebrate their enthusiasm. This year, the students with the help of the creative team put an amazing setup, for welcoming the alumni across all years and branches in high numbers, to revisit their old nostalgic moments in the college. The evening was lit up by a melodious performance by our music team Aarooha. Our college dance group Moksh also dazzled the audience with their amazing dance moves. After a memorable evening, everyone returned with their appetites satisfied by a scrumptious buffet.



Sketch by Kriti Alva, SE EXT C

When you live for a purpose stronger than your personal agendas then hard work is not just an option, it is a necessity.

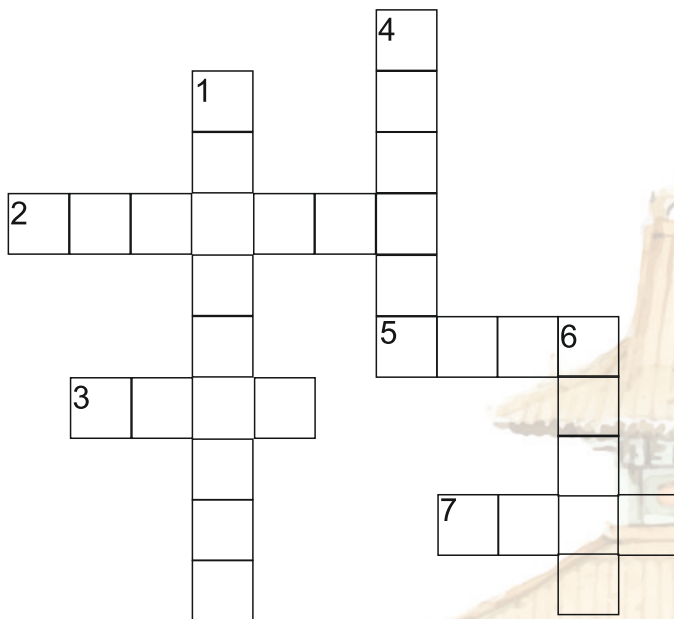
Our journey started in a greased- up workshop with nothing but a penny in our pockets and strong determination in our minds.

The biggest challenge for us was to generate the monetary funds but through the incessant efforts of the team members along with the generous support of the college we were able to generate the much-needed financial backbone.

Overcoming the financial barrier, the next obstacle was to fabricate the vehicle in a short period of time. An aim which seemed impossible was accomplished through the sheer hard-work put in by each and every member. Peaceful days and pleasant nights were replaced by tireless efforts and sleepless drudgery. Within a span of 6 months the vehicle was on its feet or wheels as one may call.

We named our vehicle ‘Ares’ which in Greek means God of war. After fabricating, it was time to endure it through the roughest terrain to ensure if our vehicle could survive the harshest circumstances. Falling and leaping, manoeuvring the peaks and valleys our Ares rose to the heights of our ambitions and that was the time when we knew that the God was ready for war. We unveiled the beast in our wings. It was the fruit of a year long haul.

With great enthusiasm and eagerness we participated in “ESI” and “BAJA” competition and triumphed in the event. Our greatest achievement was when we secured AIR 2 in Sales and Design Event and overall 14 th in the Baja event. We were so stunned to know that we were first among the teams from Mumbai in both Baja and ESI events. We celebrated our victory with utmost joy and satisfaction.



Horizontal:

2: Anagram of 'mentors'

3: What belongs to you but others use it more than you?

5: Which brand's new campaign slogan is 'You are more beautiful than you think.'

7: Antonym of 'agitated'

Vertical:

1: A person who tends to see the worst aspect of things.

4: Canada: Ottawa :: Spain: \_\_\_\_\_

6: Shift two letters to decode 'GCING'

Final word: MOVIES

6: Eagle

4: Madrid

1: Pessimist

7: Calm

5: Dove

3: Name

2: Monster

Set 1:

Crossword Answers

## WOMEN DEVELOPMENT CELL REPORT

On 27th September 2018, a seminar was conducted by Dr. Swati Shiradkar. The topic of this seminar was “Gender Equality at all Levels”. This was the first time in the institution that even boys were introduced to seminars conducted by the WDC of SIESGST. The aim behind this step was that - Men are a very important part of the society and they should know about all the problems faced by women around them and be in a position to help the women who are in need.

There was a seminar conducted by MrsHarshada Patil on the topic “Sexual Harassment against Women”. The seminar was conducted for students as well as faculty members where they were told about the “good and bad touch”. They were also instructed on the laws that the government has provided against sexual harassment and the different ways to deal with it.

There was also a seminar conducted by Mrs. Kanchan Teli on the topic “Women Entrepreneurship - Expectations v/s Reality”. In this seminar the students were told about the new ideas for start-ups, probable problems that a women can come across, the facilities provided by the government of India to help women entrepreneurs and many more things.

The Women’s Development Cell undertook the activity of poster making which comprised of making of different posters by students on a social topic every month. Every month the topic that were selected were about a persistent social cause/problem in our society. The topics selected for the month of January 2019 was ‘HIV’ and that for the month of February 2019 was ‘Gender Equality’. The posters were made by various students of all the branches from first year. These posters were either hand-made or digital and were displayed all through the month on the college wall for students, faculty and others to view.

The WDC also conducted a health check up camp on the occasion of Women’s Day on 8th March.

-Ankita Dharurkar  
BE CE



## IMPORTANCE OF LANGUAGES IN OUR DAY TO DAY LIFE.

The cultural identity of a country can be traced to its linguistic roots. Mandarin, Sanskrit and English became not only the language of their country but also became a lingual allegory to the nation's ideology and principle. The enormity of mandarin, the eloquence of English and the sophistication of Sanskrit contributed to the building of image of their respective countries. India itself is home of 22 official languages and has more 2400 dialects with language changing its form every 8kms. The cultural affluence of India is intimately synchronized with its regional and lingual heritage. People associate themselves with roots through their language.

Even today, Being in Mumbai and not talking in Marathi a day makes me feel a little less homely. With Konkani as my mother tongue, it was always a challenge for me to learn Marathi. Mostly due to the extensive similarities, it shared with my mother tongue. My friends all belonging to different cultures from the south of India did not help the situation either, leaving me no opportunities to absorb Marathi, the language of the land of Mumbai. Communication poses a huge challenge in Mumbai, which is melting pot of different cultures and ethnicities. In this pot pourri, Hindi came to our rescue with us developing our own version of language over the years. Today I can confidently converse in five languages of India. I believe that is some achievement to be proud of.

Languages have given rise to culture, which reflects in the way we gobble puranpolya and dosai with equal fanfare. The way my Malayali best friend's grandmother greets me in Malayalam being aware of the fact that I don't understand a word of it, tells me that every language has its own importance that is way beyond basic purpose of comprehension. We look towards our languages for solace employing them in our soliloquy and confidence, allowing them to express us to our full potential.

Hence, I believe that we must try to make an effort to appreciate our language and respect it for its existence. Or as the Chinese say Yüán zhīshì shì tōngwǎng zhìhuì de dāmén. Knowledge of languages is the doorway to wisdom.

## PRESIDENT SPEAKS



"The strength of the team is each individual member. The strength of each member is the team." --Phil Jackson  
The Student Council embodies different teams and student chapters who put in tremendous amount of work to make every event, a grand success. When I was elected the president of this council, the sense of pride and achievement I felt cannot be described in a few words. My journey in the council has been an eventful one with each new day bringing its own set of surprises. Being the president of this council has taught me so much. It has taught me lessons in management, leadership and most of all, teamwork. All of these things have helped shape my personality and made me a better person.

I feel very proud to say that several initiatives were idealized and brought to reality by students. The council this year welcomed new teams to further support the inner workings of the college. Firstly, the Alumni relations team was formed in order to streamline the communication channel between the alumni and the college student body, thus making it easier for the current student body to interact with, and take help from the alumni. Secondly, Team Udgam, the official Institute Social Responsibility wing was formed in order to enhance the social outreach of the college, to help the society by utilizing the technical and managerial expertise of the students, in order to inculcate a sense of social responsibility in students. With the help of all these teams, I began my journey and embracing all my responsibilities.

Being held responsible for the working of all teams is a stressful job. I still remember my 2nd year when I was the event head of Cosplay- an event where all participants can dress up as a character of their choice, I had fallen sick just a few days before the fest. But I was determined to make my event a success and even with all my difficulties I managed to do it. This one incident taught me that where there is a will there is a way. I made this my motto and looked at each problem like it had a solution which I needed to find. Along with my motto and the immense support that each and every team member and the faculty provided me was the reason all my goals for the council could be achieved. I wish all the students keep inspiring each other and continue to make SIESGST a success!

-Nikhil Ambati  
Student Council President

## A DAY WITHOUT ELECTRICITY

Today, electricity has become one of the basic necessities in our lives. We can't imagine our lives without electricity these days. During monsoon, at times, a few hours without electricity is quite common but what if we have to stay without electricity for a whole day?

I usually wake up late on sundays. But on that Sunday I woke up early, as neither the fan nor the A.C. were working. I went to take a shower but unfortunately due to power cut off, I had to shower with cold water.

Then, I asked my mother for breakfast but she said that the food had turned stale as the refrigerator was for the whole night. So we went out to eat which was "a blessing in disguise". After a while I sat to complete my work which was to be my laptop but I found that the battery was dead and so, my work was left pending.

We had to buy drinking water as the aquaguard was not working without electricity. Thankfully, it was during monsoon so we could endure the temperature. It would have been terrible on any day of summer. I felt restless throughout the day and finally, at around 11:00 P.M, the lights came back on and I sighed in relief.

That was the day when I realized how important electricity is. Electricity is one of the most important blessings that science has given to mankind, so we, as human beings, at our own level, should try to save electricity to the best of our abilities.

-Diya Chakrabarti  
TE EXTCA



## BACK TO THE FUTURE

You do own a phone. But do you control your phone, or let it control you? Think and answer. Now, Technology seems to have surpassed our human knowledge. One of the Science Generals, Albert Einstein feared the same that in upcoming years we will serve as slaves to them. Evidently, Sophia is a trailer and the movie- 'Artificial Intelligence' is a blockbuster since the time launched.

With the advent of technology, people begin to depend on computers and other forms of technology for everyday existence. If a machine breaks or a computer crashes, humans become almost disabled until the problem is resolved. This kind of dependency on technology puts people at a distinct disadvantage, because they become less self-reliant.

Simultaneously, human workers retain less value. As machines automate processes and do the work of 10 people with one computer, companies find they don't need to employ as many people to get the job done.

‘Small is the New BIG’

We can take a pledge to think smart and work hard, with patience along which will drive us for miles. There is no age and time for developing ourselves, we can undertake new challenges positively and make our lives vibrant and colourful. We can walk with a different approach Back to the Future.

-Aditya Ghosalkar  
FE PPT



Sketch By Atharva Karnik

## RISE OF NEW STREAMING CULTURE

With new streaming platforms lining up everyday and popular TV networks foraying into the digital space, one must wonder why internet is the next battlefield for content. Maybe it assures us of quality content like Sacred Games and Narcos or it simply is a convenient option to log on to anytime and anywhere. With so many advantages, it is easy to perceive the fast rate of development of these platforms.

Recently, a statistics conducted by ITA conveyed that more than 55% percent of Indian youth now log on to some streaming platforms. This a phenomenon of transition from the traditional TV platforms to more worthy digital options. What is the reason for this phenomena?

Nowadays, news channels on TV have been reduced to mere mouthpieces of the present day government advertising government propaganda, giving priority to stories more than news. Fake news has also become a menace, keeping us oblivious towards the real happenings of the world. Drama broadcasted in the name of news has led to a shift to online news platforms.

Furthermore, saas-bahu serials continue to dominate the Indian television with a huge fan base of women. This annihilates any chance of actually evolving the tastes of the audiences, who continue to stick to the outdated content and stale format broadcasted on tv. Moreover, pointless Indian serials with an endless storyline moral policing agenda and of course boring perspectives have made the youth apathetic, some of which no longer consider tv as an effective medium of entertainment.

All of this is responsible for paving the way for the rise of digital platforms. With specialized content, these platforms enamor the general public with newer content and this blazing phenomenon is not going to stop any time soon. Gotta go check new prime originals, ciao!!!!

रेलगाडी के आने में 2 घंटे बाकी थे। लेकिन इतनी असमंजस की स्थिति कि भी पैदा नहीं हुई। वह आज हां या ना के झूले में झूल रहा था। हालांकि यह स्थिति बहुत पहले जन्म ले चुकी थी। लेकिन 'आज' बाकी दिनों से बहुत अलग था।

अपनों से दूर होना कतिना कष्टदायी होता है उसे अब समझ आने लगा था। लेकिन जनिके लिए वो अपनो से दूर हो रहा था वो भी तो उसके अपने ही थे?... उसके अपने 'सपने'। जनिहें अब वो देखने नहीं जीने लग गया था। 'अपनो' और 'सपनों' के भंवर में फसा हुआ होने के बावजूद वह इसी स्थिति में रहना चाहता था।

सपने उसे अपनो से दूर कर रहे थे और अपने, सपनो से...

वह दोनों से दूर नहीं होना चाहता था। उसका मन करता कबिांह फैला कर सब कुछ एक जगह इकट्ठा कर ले और फरि उनके बीच सो जाए।

एक गहरी नींद...

'अपनो' की गोद में जहां वो 'सपनो' को देख सके...उनसे दूर हुए बगैर उन्हें जी सके।

-आमेटा

आयुष्याला तुझ्या ...अर्थ हो तू...  
रन रणत्या या उन्हाला ...थंड झुळूक हो तू...

अशांत या समुद्राचा... कनिरा हो तू...  
असंख्य या तार्यांमधला ... ध्रुवतारा हो तू...

तोडक्या अश्या या शब्दांमधले....भाव हो तू...  
असंख्य अश्या हरदयांमधले....नाव हो तू...

संकटांमध्ये रुतलेल्याचा ...नविरा हो तू...  
आई वडलांच्या मनाचा....सहारा हो तू....

शक्तीला युक्तसिरखी ....जोड हो तू...  
लागल्यास लोखंड ही मोडेल...अशी तोड हो तू....

छत्रपतींच्या स्वप्नातले ....स्वराज्य हो तू...  
भवषियातील सुराज्याचा.....मार्ग हो तू.....

अनेकांना प्रेरति करणारा ....माणूस हो तू...  
मृत्यूलाही स्तब्ध करेल.....असा क्षण हो तू.....

-Piyush Borse  
TE CE

Take away my breath,  
 My spirit and my soul.  
 But do not carry away your love.  
 The forthcoming love.  
 The breaching love.  
 The fierce, wildfire love.  
 It's what keeps me alive,  
 Keeps me sane.  
 As I rest my head,  
 In the depth of your hair Mane.  
 I whisper, don't rip my heart away.  
 It's for loving and giving.  
 My heart's known hurt,  
 But can live with it.  
 My heart's known pain,  
 But can survive it.  
 My heart's known betrayal,  
 But can pull through it.  
 My heart's known your touch.  
 The firestorm you brew,  
 The havoc your fingertips wreck.  
 Feelings crash like the waves of the untamed sea.  
 Your fingers tracing my skin, they divide me.  
 They divide my soul, and feelings akin.  
 My heart knows your touch,  
 But can't live without it.  
 You stretched out,  
 In search of my soul.  
 My wrecked heart,  
 You didn't just love,  
 You consumed me whole.  
 Your Acceptance and love,  
 Giving my life, a new identity,  
 A whole new meaning.

-Raj Mistry  
B.E. Mech

# BEGINNINGS

Beginnings might be tough but eventually you will slip into comfort

Every new beginning comes from some other beginning's end

A beginning is the end of a process which you never liked

In a beginning to school, new friends, new travel routes and new faces come across

A beginning in a college is where you see most people changing their status from "single" to "in relationship"

A beginning is where you start making decisions of your own

In a world full of "unhappy endings" be someone's "happy beginning"

-Sowmiya Iyer  
SE CE



SKETCH BY Kriti Alva, SE EXTC

Careful Icarus  
Don't fly too close to the Sun.  
Her love's uncaged, unchained.

Careful Icarus,  
She's a divine beauty.  
Radiant and fierce,  
In all her might.

Careful Icarus,  
Her love's warm,  
Her love's captivating,  
Her love burns.

Careful Icarus  
You want to touch her,  
Hold her, hug her.  
Stretch out your fingers,  
Dare to touch her soul,  
Wrap your arms,  
And never let go.

Careful Icarus,  
She loves from a distance.  
She loves too fierce,  
Burning everything that comes close.  
Her love's warm as a boon,  
Destructive as a bane.

Careful Icarus,  
Don't be afraid to love,  
Be afraid of being loved back.  
To burn for someone,  
Is to melt in the process..

-Raj Mistry,  
B.E. Mech

## THE CHILDHOOD GARDEN

We both go hand in hands  
 The flowers rise they step aside  
 As we fall on them  
 Surrounded by butterflies  
 The sky is blue and now it's black  
 Never knew of time with you  
 I'm here looking at you  
 Admiring your everything  
 I can't hear you now But I will  
 When you fly away with your wings  
 I sort of got numb  
 When I saw you leaving  
 We'll meet again, I'm so dumb  
 Why I'm so happy in everything I'm doing  
 The flowers rise they step aside  
 As we fall on them  
 Surrounded by butterflies  
 The sky is blue and now it's black  
 Never knew of time with you  
 I'm out of world, when I see my girl  
 I've always been falling for the eyes  
 Why we are static but the world starts to whirl  
 How much I hate your bye(s)  
 Walk with you around the street  
 I've planned great things, if you agree  
 I know I'll blush out so much heat  
 I can't say it but will you please  
 We both go hand in hands  
 The flowers rise they step aside  
 As we fall on them  
 Surrounded by butterflies  
 The sky is blue and now it's black  
 Never knew of time with you

-Devin Raina

FE





The NSS Unit of SIES GST is the primary student chapter oriented towards social-service at SIES Graduate School of Technology, Nerul. We are committed to creating awareness and finding solutions to the problems that plague our society. Along with the social service aspect of our organization, we also help with personal and cognitive development of our volunteers.

NSS volunteers from the second year presented a theatre performance with the objective of spreading awareness on issues like old age support, corruption, gender discrimination, etc. as a part of Republic and Independence Day celebrations. The random acts of kindness initiative involved NSS volunteers to disperse across the city and offer their help to random strangers who might've been in need of it. The NSS unit organized many workshops viz. Disaster management, first-aid, etc. to train or educate interested audience into leading a better life. We also conducted a workshop on the practice of Yoga on the occasion of International Yoga Day and a tree plantation drive at the start of the academic year, in which a total of 105 saplings were planted. Various days of importance were celebrated this year, which includes the birth anniversaries of Chhatrapati Shivaji Maharaj and Mahatma Gandhi, amongst others.

As a new initiative, a plastic waste collection drive was started along with Bisleri International Pvt. Ltd. The plastic is collected at various collection points throughout the college and periodically shipped to Bisleri plastic recycling plants. The NSS unit maintains a compost generation pit, in which once every year, the volunteers dig up the generated compost to process and package it before it is put up for sale. Street Play is another form of theatre performed by the NSS volunteers every year. This year, the objective of these performers was to spread awareness about various social issues. The volunteers unleashed their creativity to create dry waste collection bins. A total of 18 bins were created out of recycled cardboard boxes and paper.

The NSS unit organized an intercollegiate competition for NSS volunteers. The event consisted of Street Play Competition, Poster Making Competition, and Essay Writing Competition. The theme for all the competitions was 'Blood Donation'. NSS volunteers from about 10 different colleges from Mumbai and Navi Mumbai participated in this competition. A district-level theme based workshop was conducted by the NSS unit. The theme for this two-day workshop was 'Waste Management'. 51 volunteers from about 20 different colleges participated in this workshop.

Like every year, the NSS unit played a major role in the latest iteration of our annual charity marathon, Dream Run 2019. The revenue generated by NSS volunteers was added to the pool of total revenue, which was donated to Sunshine School, Vashi - a school for the differently abled which specializes in the education of children affected with Autism Spectrum disorder.

-Amogh Gokhale  
BE CE

## FIBER OPTIC COMMUNICATION

The long wait for infinite download speed is over when Reliance Jio launched its dream project of fiber optic communication with such speed at a cheaper price which revolutionized and shook the telecom. industry from its roots.

In layman terms, what is optical fiber? An optical fibre is a flexible, transparent fibre made by drawing glass (silica) or plastic to a diameter slightly thicker than that of a human hair. Optical fibres are used most often as a means to transmit light between the two ends of the fibre and find wide usage in fibre-optic communications, where they permit transmission over longer distances and at higher bandwidths (data rates) than electrical cables.

The introduction of optical fibre in tele-communication attracted many new aspiring engineers to put their new innovative ideas to work. Since optical fiber can be laid under the ocean floor, even the small and remote are connected digitally due to which there is a globalization and helping us to the possibility of discovering new dialects, ideas, myths and traditions.

The internet speed has been growing in leaps and bounds. Gone are the times when games and movies would take days to download as the optical fibre has reduced it to a matter of a few minutes. The copper wires which were often disrupted by the electromagnetic interference thereby suffering a decrease in speed, have been rid of this predicament as information is now transmitted through light rays.

In conclusion, fibre optic communication is one of the best for data transfer in long distances. It clearly exceeds performance levels when compared with those of the conventional cables in all the major aspects.

- Sricharan Ramaswamy  
TE EXT C



Sketch by Kriti Alva, SE EXT C A

## **THE EVERGREEN ENGINEERING**

An engineer is a person who designs, develops and helps maintain a machine or a structure. And I'd like to call Mechanical Engineering as 'The Evergreen Branch of Engineering', as Mechanical Engineering in its purest form is the bridge between man and machines. Mechanical Engineering revolves around machine learning and design. Until man ceases to use mechanisms and machines in his day to day life, the demand for this branch of engineering will sustain. However, what's the ground reality?

For most students, it feels like a natural progression from their 12th since Mechanical is heavily reliant on Physics and most students feel at home having studied most of the basic concepts in 12th. But the course is very demanding, How so? The course covers a plethora of topics covering Thermal, Auto, HVAC, Production, Design, and even electronics and electrical in industrial machinery. A student must have equal interest and dedication if he/she wishes to absorb the vast amount of knowledge the course has to offer. The drawback to such a vast syllabus is that though it covers all the bases, the portion does not even scratch the surface.

As I write this, I am reminded that the new batch of undergraduates will have a better refined and structured syllabus. However, is it updated? Though Mechanical Engineers are taught Automobile to them in their course, they are first taught generation of manual transmission without a single mention of latest automatic transmission or electric cars. Though one may justify this by saying other colleges offer undergraduate courses in Automobile which covers this topic in depth, it places mechanical engineering students at a visible disadvantage and they're caught between two stools.

Another aspect lacking in most mechanical engineers is practical skills for which both the students and the teachers must be responsible. It is a must to emphasize the need to select course projects on topics that help improve the student's practical knowledge. Employability is the biggest need for a 21st century Mechanical Engineer. Despite all its flaws, mechanical engineering remains 'evergreen'!

-Akash Menon  
BE MECH.

## I-APPS

When we hear about a term like ‘I-apps’, a number of us, including technology buffs, would be sitting with a question mark on their face. And yet, when the same set of people hear about applications like Netflix and Facebook, they’d immediately know about how these applications cater to our personal preferences based on our activity.

So, what would we conclude an I-app is? Basically, any application that uses real-time data from user interactions and other sources to make predictions and suggestions, delivering personalized and adaptive user experiences. In simpler words, I-apps obtain data based on our activity and try to suggest things close to the activity performed. The advantage about this type of technology is that it keeps upgrading itself to suit the user, and hence improves its output.

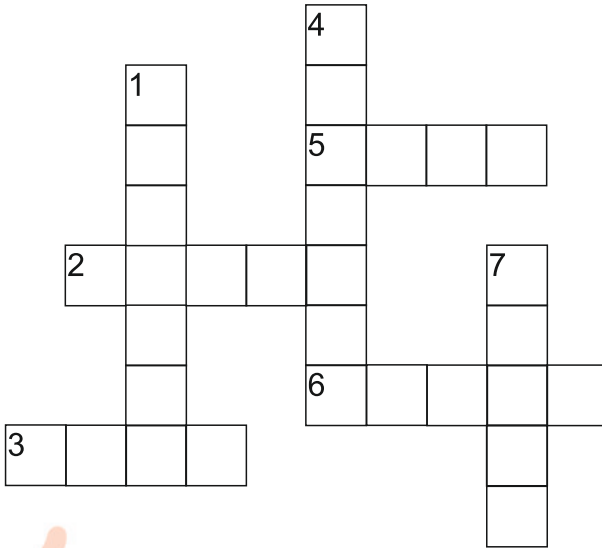
I-apps have been predicted to offer a great advantage in the business sector, if adopted. For example, for salespeople, an intelligent application could analyze and prioritize leads by predicting which opportunities are more likely to close, which could save precious time and energy. For the moment, only a few businesses have been making use of this technology but if other companies think forward and implement it in the right areas, they could stand to generate a lot of profit over the years.

-Yash More  
PPT



Sketch by Kriti Alva, SE EXT C A

# CROSSWORDS



## Horizontal:

- 2: David's father has three sons: Snap, Crackle and \_\_\_\_\_
- 3: Antonym of 'accept'
- 5: India: Rupee :: South Africa: \_\_\_\_\_
- 6: Shift two letters to decode 'ZGTQZ'

## Vertical:

- 1: Anagram of 'senator'
- 4: One word for 'A contradictory statement which when investigated may be true'
- 7: Company whose original slogan is 'Don't be evil.'

Crossword Answers  
 Set 2:  
 2: David  
 3: deny  
 5: rand  
 6: Xerox  
 1: treason  
 4: paradox  
 7: Google  
 Final word: REVENGE

## SPORTS TEAM



FOOTBALL



KABADDI



CRICKET



TUG OF WAR



VOLLEYBALL

## TEAM PHOTOS



CREATIVE TEAM



CULTURAL TEAM



SPORTS TEAM

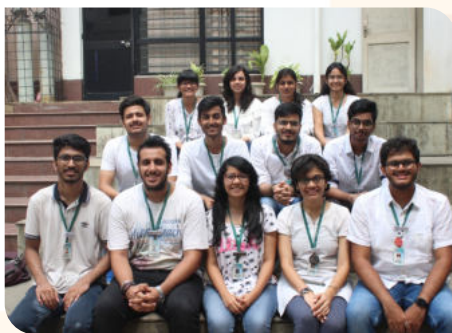


MARKETING TEAM

## TEAM PHOTOS



DESIGN TEAM



LITERARY TEAM



MEDIA TEAM



PR TEAM



## TEAM PHOTOS



TECH TEAM



AAGMI



NSS



PUBLICITY TEAM

## 1. Millennium Dome Raid

The year was 2000, and London had finally finished construction on the catastrophic waste of money known as the Millennium Dome. Among its many displays, was a world class Diamond exhibit. The crown jewel was the "Millennium Star" — a flawless 203 carat gem worth \$250 million. The robbers planned an explosive smash and grab job, running in guns blazing and escaping on a waiting speedboat. Their plan was foiled, however, as London's metropolitan police, coincidentally already had them under surveillance for a few armored car robberies, arresting them on site.

## 2. Isabella Stewart Gardner Museum Heist

In 1990, while the entire city of Boston celebrated St. Patrick's day by chugging beer and smack-talking the Yankees — two thieves dressed as Boston police officers entered the museum and stole 13 works of art. The missing pieces include a Rembrandt, Manet, and a few by Degas, estimated at \$500 million in total. Empty frames currently hang in the room, in homage to the missing art and in hopes that they will one day be returned. This is one of the greater unsolved mysteries in American crime.

## 3. Great Train Robbery

In 1963, £2.3 million (£40 million today) was stolen off of a post office train in England. The 15 member gang managed to pull off the caper without using a single gun. The money they stole was on it's way to being burned, and the crew would have gotten away with it — had they not played a game of monopoly in a barn with all the stolen cash, and left fingerprints all over the place...seriously.

## 4. The French Bank Vault Tunnelers

In 2010, a team of robbers used sophisticated and unknown tools to borrow underground and into a Parisian bank's vaults — where they proceeded to rob over 100 safety deposit boxes. The value of the stolen items cannot be known, as wealthy clients confidentially managed their containers. A very similar crime occurred months earlier at a bank to the north of the city, with over 100 boxes robbed — making the same mystery team the top suspects.

## 5. D. B. Cooper

A favorite among conspiracy theorists, D.B. Cooper performed the only unsolved air piracy act in American history. In 1971, the unidentified man -known by his common epithet - hijacked a Boeing 727, extorted \$200,000 and then leaped out of the plane with the money somewhere between Portland and Seattle. Despite years of searches, and an ongoing FBI investigation, neither the body or money have ever been recovered. The assumption is that D. B. parachuted to an uncertain fate, but his case remains active at the Bureau for over 40 years, and has amassed 60 volumes of theories.

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