2020

SIES
Graduate School of Technology
RISE WITH EDUCATION

South Indian Education Society
Graduate School of Tecnology

INFORMATION BROCHURE

SIES
Graduate School of Technology
RISE WITH EDUCATION
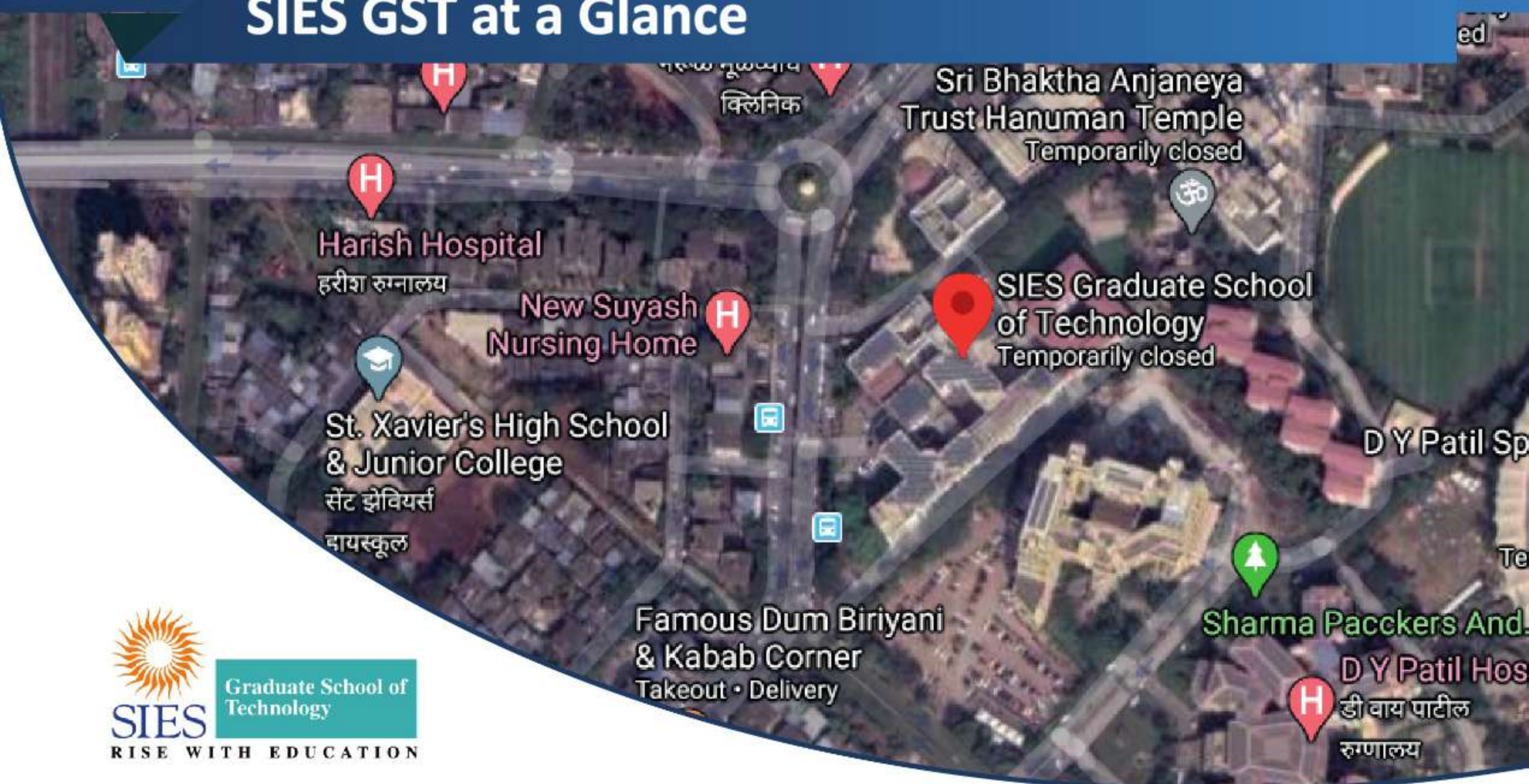
Establishment	:	2002
Parent Society	:	South India Education Society (S.I.E.S High School)
		3, KA Subramaniam Road, Brhmanwada, Matunga, Mumbai,
		Maharashtra 400019.
Name & Address	:	SIES Graduate School of Technology
		Plot No. 1/C/D/E , Sri Chandrasekarendra Saraswati Vidyapuram
		Sector-V, Nerul, Navi Mumbai, Maharashtra - 400706
Status	:	Un-Aided, Non-Autonomous, Linguistic Minority-Tamil
Approved by	:	All India Council for Technical Education (AICTE), New Delhi and
		Directorate of Technical Education (DTE), Maharashtra
Recognised by	:	All India Council for Technical Education (AICTE), New Delhi and
		Directorate of Technical Education (DTE), Maharashtra
Affiliation	:	University of Mumbai
Grade	:	B++ by NAAC
Telephone Nos.	:	022-61082400/02/27/17/19
Fax	:	2771 87 790
E-mail	:	principal@siesgst.ac.in
Website	:	http://siesgst.edu.in
Airport	:	Santacruz Airport (25 km)
Railway Station	:	Nerul (E) (2.6 km)
Bus Stand	:	Nerul Bus Depot (0.5 km)

The Parent Body

SIES — Graduate School of Technology — **RISE WITH EDUCATION**

The South Indian Education Society (SIES) established in 1932 at Matunga, is a pioneer in the field of education, in this metropolis. The Society has been serving the cause of education and has carved for itself a niche, as a provider of quality and value based education from Nursery to Doctoral level in a wide variety of fields. The institute seeks to achieve the educational mission by focussing on the modes of inquiry, which strengthens thinking skills and provides extensive field experiences, to bring together theory and practices.

"This society should sincerely serve the cause of education and the educational needs of the common man of this cosmopolitan city" is SIES's Mission set by our founder Shri M. V. Venkateshwaran in 1932.

SIES Graduate School of Technology, an integral part of this well-established Community, started in the year 2002 is located in the list of educational hubs in Navi Mumbai imparting quality based technical education, offering four year Bachelor of Engineering courses in Electronics and Telecommunication Engineering, Computer Engineering, Information Technology, Electronics and Computer Science, Printing & Packaging Technology and Mechanical Engineering.

SIES GST is approved by AICTE, DTE and is affiliated to the University of Mumbai. The institute is accredited by the National Assessment and Accreditation Council (NAAC). Three of its courses: the Electronics & Telecommunication Engineering, Computer Engineering & Information Technology were accredited by the National Board of Accreditation (NBA). It has also been accredited by Tata Consultancy Services (TCS). SIES GST has carved out a name for itself in the industry for its Printing and Packaging Technology Course.

The institute has the reputation of being known for its discipline and integrity. The faculty is sincere and enthusiastic, with a blend of experienced and young professionals dedicated to teaching. The college follows strict norms regarding attendance & punctuality and no compromises are made in following the discipline and regulations of the institute. The students are sincere and studious which is reflected in excellent results and placements.

Vision and Mission

Vision

"To be a centre of excellence in Education and Technology committed towards Socio-Economic advancement of the country."

Mission

- To impart advanced knowledge in Engineering and Technology.
- To transform young minds towards professional competence by inculcating values and developing skills.
- To promote research and ensure continuous value addition among students and employees
- To strengthen association with industry, research organizations and alumni to enhance knowledge on current technologies.
- To promote next generation technocracy and nurture entrepreneurial culture for social-economic growth.

Quality Policy

The SIES Graduate School of Technology is committed to high standards of Engineering Education.
Our aim is to advance in the various facts of learning opportunities by providing multiple study options through perfect blend of:-

- Academic Excellence
- Teaching - Learning Processes
- Teacher - Student Mentoring based on our Quality Management System which will enable learners to thrive in the rapidly evolving environment.

Message from the Hon. Advisor

Greetings from SIES GST!

The South Indian Education Society (SIES) has been at the forefront in the field of education for more than 85 years, presently imparting quality education through 20 disciplines. The Society is now working on a mission to provide education to 50,000 students by 2022. The institute seeks to achieve the educational mission by focusing on the modes of inquiry, which strengthens thinking skills and provides extensive field experiences, to bring together theory and practices.

The SIES established the Graduate School of Technology (GST) in the year 2002 at Nerul, Navi Mumbai with a view of promoting technical education and being a pioneer in the field of Engineering and Technology Education. Right from its inception, the underlying vision has been to excel through high-quality programs in teaching, learning, research, and development. We rank amongst the best Engineering colleges in Navi Mumbai and Thane region, and we are known for our discipline and integrity.

The well-developed infrastructure and highly committed and talented teaching and support staff create interest among students towards a conducive learning environment. Each department at the Institute possesses highly advanced state-of-the-art laboratories. We have a blend of young and accomplished teaching faculty members with many of them having doctoral qualifications and with deep professional and consulting experiences. The collective experience of our faculty members – in academics, industry, and research helps in imparting higher education in an interesting way that is both enjoyable and scholastic. The students are encouraged to be self-learners, gaining experiential learning through involvement in various academic, research, extra and co-curricular activities to build a strong personality with high values and an unshakable character.

Our past students have distinguished themselves in diverse fields in India and abroad and are continuously contributing to the alma mater by conducting value addition courses and by providing valuable inputs through regular interaction to improve the system. In this digital era of education where it is difficult to have a single yardstick of quality, we at SIES, strive continuously for sustenance and enhancement of quality in every field of its activity with a vision of making

Dr. P. V. Parameswaran

- Former Dean - Faculty of Technology at the University of Mumbai
- First Principal of SIES Graduate School of Technology.

Awards and Recognition

- NAAC Accreditation grade B++
- Recipients of the D.L. SHAH QUALITY AWARD 2016
- Recipients of the BEQET PRESIDENT AWARD 2017 - 3rd Prize for project BEACON 2017
- 4 Star Rating by MHRD's Innovation Cell (Government of India) in MHRD-II

National Centre for Quality Management
Certificate Awarded to

SIES Graduate School of Technology
Nerul, Navi Mumbai

being adjudged the 3rd Prize Winner of

"12th BEST EDUCATIONAL QUALITY ENHANCEMENT TEAM (BEQET)
PRESIDENT AWARD 2017"

for their project titled

"BEACON – Empowerment of Underprivileged"

at the competition held on January 20, 2018

Organised by

NATIONAL CENTRE FOR QUALITY MANAGEMENT
MUMBAI

Date: February 24, 2018

B. Banerjee
President

Striving for Excellence

2018/6/13 14:05

QCI – D. L. Shah Quality Awards-2016

CERTIFICATE OF MERIT

Presented to

The South Indian Education Society

for the case study

"Reduce Electricity Costs" at Mumbai

Hari K. Taneja
Trustee, D.L. Shah Trust

R. P. Singh
Secretary General, QCI

★ ★ ★ ★ ★

CERTIFICATE

Institution Innovation Council (IIC) established at

SIES GRADUATE SCHOOL OF TECHNOLOGY, NAVI MUMBAI

had undertaken various activities prescribed by Innovation Cell, Ministry
of HRD, Govt. of India to promote Innovation and Start-up in campus
during the IIC calendar year 2018-19.

Prof.Anil D.Sahasrabudhe
Chairman, AICTE

Shri. R. Subrahmanyam
Secretary, MHRD

Dr. Abhay Jere
CIO, MHRD, Innovation Cell

Certificate No : 1443

Issued On : 06-11-2019

Message from the Principal

SIES Graduate School of Technology, an integral part of this well-established Community, started in the year 2002 is located in the list of an educational hub in Navi Mumbai imparting quality based technical education, offering six Bachelor of Engineering courses in Electronics and Telecommunication Engineering, Electronics and computer science, Computer Engineering, Information Technology, Printing & Packaging Technology, and Mechanical Engineering.
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SIES GST envisions to be a centre of excellence in Education and Technology committed towards Socio-Economic advancement of the country. GST is committed to high standards of Engineering Education, whilst complying with the requirements laid down by the statutory and regulatory bodies. Our aim is to continually enhance learning opportunities by providing multiple study options through a perfect blend of Academic Excellence, Teaching-learning process, Teacher-student mentoring based on our quality management system that enables learners to thrive in a rapidly evolving environment. The institute strives to develop every facet of the learner and provides holistic development of the students by

striking a perfect balance between academics and extra and co-curricular. 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 the corporate world. These experiences are beyond academics and every student should make the most of this opportunity. The institute has a very strong industry-institute interaction which ensures that every student gets an opportunity to learn the latest trends and best practices of the industry which ensures that they don't stand in awe of their peers in this competitive world. To align with the curriculum, the institute has state-of- the-art infrastructure and laboratories. Spacious green and clean campus, a good library and a peaceful atmosphere ensure that learning becomes a wonderful experience.

To succeed in life one needs good health, peace within oneself, 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.

Dr. Atul Kemkar

Principal

> "All of us do not have equal talent. But, all of us have an equal opportunity to develop our talents.
>
> **- Dr. APJ Abdul Kalam**"

Library

LIBRARY - More than 23,000 volumes and around 4900 titles with automated Bar-Coding system and Computer-enabled digital library giving access to more than 7000 international journals through Multimedia Centre.

Gym - The facility of a well equipped gymnasium with modern services of a professional trainer is available in the campus.

Language Laboratory - The language laboratory is an audio-visual installation used as an aid in modern language teaching.

Internet - The Institute provides Internet Connectivity in order to enable students to make use of online resources. The campus is Wi-Fi connected with 155Mbps broadband connectivity and access is also made available in all Labs, Library and the Computer Center.

Canteen and Cafe - The canteen and cafeteria offers fresh snacks, beverages and lunch at subsidized prices. Besides, the canteen space is ideal for congregational activities of students.

Infrastructure

Computer Centre - Provides advanced computing facilities to the academic and administrative community of the college and plays a critical role in helping to keep the college at the leading edge of information technology by continuously enhancing and upgrading its facilities. It is equipped with the latest hardware and software facilities with modern computers, all well networked with a 24 hour internet facility. It is not only a platform for the students to sharpen their computer skills but also provides support and guidance to the students taking up projects in the software field.

Exam Cell - The place where all the students turn up for procuring all the information related to exams; from filling up the exam forms to collecting marksheets.

GST Auditorium - A spacious and acoustically perfect 150 seater well equipped auditorium with all the modern facilities. Various seminars, project presentations, festival inaugurations and different competitions are conducted here.

Courses at the Campus and Admission Procedure

SIES GST offers a choice of 6 degree courses of 4 years belonging to branches of modern science and technology. The courses and their annual intakes are as follows:

Sr. No	Program Name	Intake	Year of Establishment
1	Electronics and Telecommunication Engineering (B.E)	60	2002
2	Electronics and Computer Science (B.E)	60	2020
3	Mechanical Engineering (B.E)	60	2011
4	Printing and Packaging TechnologyEngineering (B.E)	60	2006
5	Computer Engineering (B.E)	120	2002
6	Information Technology Engineering (B.E)	60	2002

Admission Procedure

The SIES Graduate School of Technology established in 2002 is managed by the South Indian Education Society which has been accorded the South Indian Linguistic Minority status as per the provisions in the Constitution. Seats are available in the following categories-

a) South Indian Linguistic Minority (Tamil) (51% of sanctioned intake)

b) CAP/All India (29 % of sanctioned intake)

c) Institute Level (20 % of sanctioned intake)

d) Against vacant seats after CAP rounds

A. South Indian Linguistics Minority Category (Tamil)

Admissions under the linguistic minority (Tamil) category will be done at the Centralized Admission Process (CAP), Directorate of Technical Education/Admission Regulating Authority on merit, based on the MHT-CET 2020 score and as per the guidelines laid down by the Directorate of Technical Education (DTE)/Admission Regulatory Authority (ARA), Mumbai. Candidates eligible for admission to the First Year Engineering under this category shall satisfy the general eligibility conditions as per the Maharashtra State Govt. Regulations of Admission & Fee Act 2015 (Mah. Act No.XXVIII of 2015), the Government of Maharashtra has published the rules on 24.04.2017 and its amendments on 05.06.2018, 04.06.2019 and

09.07.2020to regulate the admissions to the First Year of Full time Professional Undergraduate Technical Courses(Engineering and Technology).

B. CAP (Centralized Admission Process)

The open category seats will be filled by the eligible candidates who satisfy the general eligibility conditions and are from the State of Maharashtra. Candidates under the All India Quota should satisfy the general eligibility conditions and have obtained a MHT-CET 2020 or JEE Main Paper I score. Candidates under the J & K migrant quota should satisfy the general eligibility conditions for admission. The candidate belonging to this type is required to appear for the MHT-CET 2020 or JEE Main Paper I. The CAP shall be conducted by the DTE /Admission Regulating Authority and eligible candidates are advised to follow the online admission procedure.

C. Institute Level Quota

All the admissions under the institute level (management) quota shall be done in a fair and transparent manner and on merit. The eligible candidature will be as per the guidelines given by Directorate of Technical Education/Admission Regulating Authority vide their information brochure 2020.

D. Against vacant seats after CAP rounds

Vacancy within the sanctioned intake due to the non-reporting (All India, MS seats, Minority in CAP), non-allotment (All India, MS seats, Minority in CAP) and cancellations, if any (under any category), will be filled as per the ARA/DTE guidelines 2020-21.

Seat Distribution Matrix

Sr. No	Program Name	Intake capacity	Institute Level (20%)	Minority Quota (51%) through CAP	CAP Quota (29%)	Supernumery seats	
						J & K	TWFS
1	EXTC	60	12	31	17	1	3
2	Electronics and Computer Science	60	12	31	17	1	3
3	Mechanical Engineering	60	12	31	17	1	3
4	Printing and Packaging Technology	60	12	31	17	1	3
5	Computer Engineering	120	24	61	35	1	6
6	Information Technology	60	12	31	17	1	3

First Year Engineering Department

The First Year Engineering syllabus of Mumbai University comprises various subjects, as a prerequisite to prepare the students for all branches of Engineering. The FE department of GST excels at teaching the concepts behind core engineering, with emphasis on applied Mathematics & Sciences.The faculty is dedicated and actively involved in mentoring the young, impressionable minds. The academic programs of this department are organized so as to meet the requirements of the fast growing technology. First year students are nurtured to build their foundation, by our expert faculty.

Objectives -

1. The first year department caters to the requirements of the first year engineering students, by providing proper guidance and motivation.
2. The department aims at developing the student's academic potential and to arouse confidence in them, leading to a successful career.
3. The department also trains the student to improve the cognitive and mental ability in problem solving.

Induction program for First Year Engineering students:

SIES GST has been conducting the induction program for the newbies since 2018 to help new students adjust and feel comfortable in the new environment. This also helps them build bonds with other students and faculty members, and expose them to a sense of larger purpose and self-exploration. The event is planned by the First year department along with the students of higher classes. It is a well planned event to educate the new entrants about the environment in the institution, and connect them with the people in it. Student induction program engages with the new students in the first week of their college and the regular classes start only after the completion of the program. They are made aware of the institutional policies, processes, practices, culture and values, and their mentor groups are formed with the senior students and faculty members. Various activities are planned and

Dr. Manasi Karkare
Head of the Department

conducted during Induction Program are as below:
• Universal Human Values.
• Physical Activity like Yoga and sports activities.
• Familiarization with College, Dept./Branch.
• Visits in Local Area Extra-Curricular Activities in College.
• Lectures & Workshops by Eminent People.
• Creative Practices.
• Literary Activity.
• Language Proficiency Modules.
• Feedback and Report on the Program.
• Language and Mathematics proficiency tests.
• Introduction to various professional chapters and clubs.
•Interaction with Alumni.

Special Initiatives:

● Use of modern ICT tools for Education including Google Classroom, Online Quiz, Videos, Mobile as a Learning Device, Online lectures etc.
● Aptitude / Soft skill training from First year onwards for Higher studies/Placements.
● "Matrix" – Inter Collegiate Quiz competition exclusively for First year Students.
● "Promethean-An Engineer's Solution to Environmental Problems" An Intercollegiate Poster presentation Competition exclusively for First year Students.
● Effective Implementation of Mentor-Mentee

Scheme for Individual Guidance and Personality Development of students.

● Tense Buster - Exclusive software for FE to improve Communication Skills.

● Remedial Lectures anytime based on Student's Need as well as Request.

● Very Good Communication with Parents through mentors and Accommodating Parents' Feedback for further improvement.

● Arranging Field Visits e.g. Effluent Treatment Plant , Installation of Solar Panels and Compost Pits etc.

● Scholarships for meritorious and needy students.

● Encouraging and Motivating First Year Students to participate in Conferences, Technical Events, Project Competitions, Intercollegiate Debate & Quiz Competitions, Cultural Programs, University Sports etc.

Student Achievements

● Anirudhh Rajaram participated in COSPLAY held during TML 2020 and received special mention for his performance as John Wick

● Varun Shinde, Anirudh Rajaram and Siddharth Jadhav secured second place in Matrix - Intercollegiate Quiz Competition.

● Vedant Bhamare, Samprit Chaurasiya and Aditya Ramakrishnan bagged the third prize in Matrix - Intercollegiate Quiz Competition.

● Atharva Horambe won best meme in the category COVID 19 warriors and Siddharth Jadhav bagged special mention in the online event MEME MANIA.

● Manish R, Nandita N, Pournami P, Rohit R, Sanskruti W, Shinit S, Dinesh N, Hiten S, Kashish S, Riya S, Sahil R, and Vaishnavi D, represented delegations from several countries in the UNHRC committee at the 6th SIES GST MUN.

● Nihar B, Rahul I, Vinit K, Ayushi K, Ashwin, Mukundan M Hari V and Bharti S represented delegations from several countries in the DISEC committee at the 6th SIES GST MUN.

● K Gauri, Kaushik S, Manish V, Karthikeyan and Nipun M bagged first prize for poster presentation on "Forest Fire Reduction Techniques" in PROMETHEAN 2020.

● Shruti I, Geetika B, Bharati V, Jai Janani R, and Shrinidhi I bagged first position at inter collegiate Tug of War tournament organised by Sterling college, Nerul

● Anushka T, Nipun M, Bhavya R, and Sarvesh V (Moksh crew) bagged second prize in western dance competition at Shah and Anchor college and at NMIMS. Tushar N, Aaryan K, Karthika D, Poonam V and Anagha U (Aagmi crew) won second prize in folk dance competition at NIFT

● Riddhi K and Anirudh R (Team SIES) stood first at Sterling college and bagged second position at Amity University for Fashion Show.

" The future belongs to those who believe in the beauty of their dreams "

- Eleanor Roosevelt

Computer Engineering

The department of Computer Engineering is committed to the cause of growth and advancement of computer related technologies. The department was started in the year 2002 with the aim of acquainting students with the latest trends in Computer Science and Engineering. The Department has faculty members with both industrial and academic experience. Knowledge is imparted in Computer Architecture and Design, maintenance and networking. Students are also taught a spectrum of programming languages, spanning assembly language programming, C, Java, C++, .Net and operating systems like UNIX and Windows. The undergraduate program in Computer Engineering is essentially aimed at equipping a student with excellent programming and system related competencies. Teaching is focused on systems programming as well as application programming.

Vision

To be a Centre of Excellence in Computer Engineering to fulfill the rapidly growing needs of the Society.

Mission

1. To Impart quality education to meet the professional challenges in the area of Computer Engineering.
2. To create an environment for research, innovation, professional and social development.
3. To nurture life long learning skills for achieving professional growth.
4. To strengthen the alumni and industrial interaction for overall development of students.

Program Educational Objectives (PEO)

1. Pursue higher studies for career advancement.
2. Practise Computer engineering in core and multi-disciplinary domains.
3. Exhibit leadership skills for professional growth.

Major Laboratories

- Programming Laboratory
- Database Laboratory
- Advance Computing Laboratory
- Web Designing Laboratory - I
- Web Designing Laboratory - II

Dr. Aparna Bannore
Head of the Department

- Computer Centre
- Operating Systems Laboratory

Faculty Specialization

Cloud Computing and Security, Cognitive Radio Network Security, Semantic web, Intelligent Tutoring System, Engineering Education, Educational Technology, Artificial Intelligence, Internet Of Things, Software Engineering, Natural language processing, Machine Learning, Sentiment analysis, Text analysis, Data Analytics, Real Time Systems, Parallel Computing and HPC, Multimedia System, Blockchain, Algorithms, and Programming languages

Student Development Programs

- Network Security and Ethical hacking in collaboration with Unotech Soft Ltd, 9 th Legend
- Blockchain Technology and Application
- Software design and Thinking
- R programming
- Software Design in collaboration with IIT Bombay

Research Consultancy / Projects Completed

- Cloud Computing and HPC
- Medical chatbot for Non-Communicable Disease Awareness and Prevention for Indian Rural Women
- Opinion mining for good governance

- Crack Monitoring in bridges using mobile robots
- Analyzing Students Cognitive behaviour behavior in online learning environment using eye tracking
- Dams Monitoring and Management using IOT to prevent disaster

Industrial Visits

- Industrial visit to Reliance Jio was organized by Prof.Pranita Mahjanon 21/09/2019.

- Industrial visit to Bangalore IT park was organized at institute level in the month of Dec 2019,total 51 students and Prof.Sunil KPunjabi ,Prof.Suvarna Choure and Prof.Pranjali Thakre were the part of IV

Industry - Academia Collaboration (MoUs)

- Microsoft ATS - Student Training Program
- Cloud Counselage - Student Internship
- Telenetworks Technologies Pvt. Ltd - Student Training Program

Students' Achievements

- Venkatesh A, Sayali Patil and Shantanu Ghar of BE CE achieved 1st position in National level AI Hackathon conducted between 26th Sept 2019 to 30th September 2019 in CDAC Pune.
- V Karthikraj, Senthil T, Thirumalainambi Y and Shweta S of TE CE received Special Mention for Outstanding Performance in Deep Blue Zonal Competition organized by Mastek Ltd, Mahape on 16th Feb 2020.
- Mansi Khamkar and Vrunda Mange of TE CE won the Consolation Prize in zonal level Anveshana 2020 Science and Engineering Fair conducted in Mumbai on 18th Feb 2020.
- Ninad Chavan, Mithil Poojary and Rahul Sawantdesai of TE CE received honorable mention in international level ICPC coding competition recognitional at 2019-Asia Amritapuri Onsite Regional 2019.
- Shantanu Ghar, Sayali Patil and Venkatesh Arunachalam won third prize in Hackathon arranged by IITB, March 2020.

Electronics and Telecommunication Engineering

The department of EXTC was started in 2002. Right from the inception of the institute, it has progressed rapidly, to be regarded as one of the premiere department with excellent infrastructure and dedicated faculty. The department has highly qualified and competent faculty members who specialize in their areas of expertise, in order to give the students a holistic and pragmatic view of the present scenario of Electronics and Communication industry. The main objective of this course is to produce talented engineers in the field of Electronics & Telecommunication Engineering. Emphasis is on teaching designing, testing and implementation of electronic circuits required for communication-related areas.

Vision

To be a Premier Department in Electronics & Telecommunication Engineering.

Mission

1. To provide quality education satisfying the requirements of the corporate world across diverse fields.
2. To develop life-long learning skills to cater to socio-economic needs.
3. To strengthen Industry-Institute Interaction to bridge the gap between academic and industrial requirements.
4. To equip students with leadership and entrepreneurial skills.

Program Educational Objectives (PEO)

1. Identify, formulate and solve engineering problems in the Industry, complying with ethical standards and societal needs.
2. Pursue higher studies and professional development courses leading to significant advancement in the field of specialization.
3. Apply technical concepts to develop applications and design products.
4. Exhibit leadership and entrepreneurial acumen in career.

Major Laboratories

1. Microwave Laboratory
2. Digital Signal processing and simulation Laboratory
3. Optical Communication Laboratory

Dr. Preeti Hemnani
Head of the Department

4. Microcontroller Laboratory
5. IoT Laboratory
6. Project Laboratory

Faculty Specialization

Computer Communication Networking, Digital Design, Wireless Sensor Networks, Image and Signal processing, Antenna and Microwave Engineering, Microprocessors, Microcontrollers & Embedded Systems, Solar Energy, Mobile Communication, Battery Management system, Artificial Intelligence, Bandwidth and Power Efficient Digital Modulations, VLSI design, Satellite and Optical Communication.

Student Development Programs

1. FPGA Design using VHDL
2. Embedded system-Arm Mbed and Node McU
3. Embedded System Design Using Arduino
4. Amazon Alexa workshop
5. Line Robotics Workshop

Research Consultancy / Projects Completed

1. Adaptive mean filter technique for removal of high density salt and pepper (impulse) noise
2. Planar textile antenna for WBAN operating in ISM band
3. Design ,analysis , simulation and implementation of 3D polar FSK modulator

4. UAV based Structural flaw detection using ANN
5. IOT based Wireless Sensor Network(WSN) for metropolitan cities to monitor air pollution level.
6. An Intelligent Green Energy Based IoT Sensor Node for Data Monitoring using WEMOS D1 MINI

Industrial Visits

1. TIFR, Colaba
2. IIT SAMEER
3. TIKONA, Ghanasoli
4. JIO Reliance, Ghansoli

Industry - Academia Collaboration (MoUs)

1. Endurance Pvt Ltd. - Summer and Winter Internship Program
2. Emtron Pvt. Ltd - Training workshop and Internship
3. IoT pro - Training workshop and and final year project ideas
4. TeleMan Pvt. Ltd - student workshop

Student's Achievements

1. Mr. Vishnu Chandrasenan (2016 batch) has secured a research position at NASA Goddard Space Flight Center to develop communication and networking protocol for inter-satellite communication.
2. Mr. Sanjeeb Bharali & team have been selected for finals of Smart India Hackathon (2018) which is conducted by AICTE.
3. A team of four students (2017 batch) won the best project award at ESIC 2017, Bangalore, a state level project competition.
4. Cibin Chandrashekhar, Sidhhant Meshram, Namit Naik from TE EXTC have secured sponsorship from IEEE Bombay section for attending MTTS conference 2019, Siberia.
5. Ms. Aishwarya Meenakshi (2016 batch) has secured 522nd rank in GATE 2017.

SIES GST is amongst the first few colleges affiliated to the Mumbai University who has started Electronics and Computer Science course which holds a promising future for the budding engineers. The yearly intake for this branch will be 60. The course will begin from AY 2020-21. Electronics and Computer Science (ECS) program are designed to provide quality education imparting skills on both Electronics hardware, software, and IT development. It is a branch of Electronics Engineering that deals with the effects of electrons to build components, devices, systems, or equipment. The students will not only deal with the design of computers and computer systems along with fundamental aspects of electronics hardware concepts, but they will also learn to design new hardware and software. Aspects of Data Science, IoT and AI will also be part of this Program.

Information Technology

The IT sector has grown phenomenally in the past decade, with the advent of IT and IT services related companies providing career opportunities to millions of people around the world. It is the study, design, development, implementation, support and management of computer based information systems, particularly software applications and computer hardware. Due to increasing demand for qualified IT professionals, it has become the most preferred career option all over the world, for enterprising and growth oriented people. The course is designed to prepare engineers for IT-enabled applications and services. An engineering graduate in IT will be capable of bringing about a holistic approach to the designing, testing, and maintenance of Information systems.

Vision

To develop IT professionals for accomplishment of industrial & societal needs through quality education.

Mission

1. To impart advanced knowledge and develop skills in Information Technology and allied fields.

2. To enhance professional competence by inculcating values and ethics.

3. To upgrade technical skills and also encourage research culture.

4. To extend industry and alumni association for knowledge enhancement.

5. To nurture entrepreneurial talent and contribute towards socio-economic growth.

Program Educational Objectives (PEO)

1. Compete in a professional career with social and ethical responsibilities.

2. Pursue higher studies / research in Engineering & Management.

3. Become Entrepreneurs or software professionals to satisfy the latest Industrial requirements.

Major Laboratories

1. Networking and Security Laboratory
2. Advanced Database Laboratory
3. Programming Laboratory
4. Object Oriented Software Laboratory

Dr. Lakshmi Sudha
Head of the Department

5. Cloud Computing Laboratory
6. EDC/PCOM Laboratory

Faculty Specialization

Wireless sensor Networks, Embedded Systems and Internet of Things, Cloud Computing, Blockchain, Data mining, Artificial intelligence, Data Analytics, Image Processing, Android Security, Web Application and Security

Student Development Programs

1. Enterprise Network Design using L2 and L3 switch
2. Bootstrap Framework
3. CCNA-Routing and Switching
4. Advanced Web Technologies
5. Internet of Things using Intel Galileo board

Research Consultancy / Projects Completed

1. Office management system(In house project)
2. Landing page project of Lab systems
3. Cleansweep-The cleaning Bot
4. Smart Car Parking System using Wireless Sensor Networks
5. Voice Control Car using Machine Learning
6. Predicting Parkinson's Disease"

Industrial Visits

1. Reliance Jio Infocomm Limited, Mumbai

Industry - Academia Collaboration (MoUs)

1. IoT pro - Faculty and Student workshop
2. Microsoft ATS Infotech Pvt. Ltd - workshop
3. Emtron Technologies - Faculty Development workshop
4. Lab System - Internship for students
5. 9th Legend Inc. - Internship for students

Students' Achievements

1. Rushikesh Shinde TE IT was the winner at 'Smart India Hackathon' 2019 held on March 2-3,2019 at KCT, Coimbatore.
2. Kush Shah, Rushikesh Shinde,Akhil Nair, Ashit TE IT bagged 1st Prize in Inventum Project Competition at SIES Arts Science Commerce College, Nerul & also won 2nd prize in Avalon on March 6, 2019, National Level Technical paper Presentation/ Project Competition at Terna Engg. College, Mumbai.
3. Mr. Mohammed Yasin Ansari -TE IT won silver medal in Taekwondo at Mumbai University inter collegiate taekwondo championship on 17th-19th February 2019.
4. Ms. Arfah Upade TE IT student won 1st prize in Debate group B 1st prize at Youth festival organized by University of Mumbai in August-September 2019.
5. Saurabh Mulik Bhakthi, Rahul and Kaustub of TE IT won the Super Team Award for Season 3 of Majesco in Feb, 2018.

Mechanical Engineering

Mechanical Engineering is one of the oldest and broadest engineering discipline that applies the principles of Physics, Chemistry and material science for analyzing, drawing, designing, manufacturing and maintaining mechanical systems. It is the branch of engineering that deals with drawing, designing and production of tools, machines and all other mechanical equipment and hardware. The field has continually evolved to incorporate advancements in technology, and mechanical engineers today are pursuing developments in fields such as composites, mechatronics, CAD and nanotechnology. Started in the year 2011, the department is the latest addition to the GST and is well underway establishing all the necessary infrastructures.

Vision

To be a Centre of Excellence in the field of Mechanical Engineering instrumental in Innovation, Entrepreneurship and Serving the needs of Society.

Mission

1. To create an environment that inspires students and staff to develop competency in Mechanical Engineering field.
2. To create the infrastructure necessary for overall development of students to work on current technologies in the Industry.
3. To provide entrepreneurial culture to tackle the problems of Society.

Program Educational Objectives (PEO)

1. Build a successful career in National or Multinational Organisations or as an Entrepreneur.
2. Pursue higher education for professional development.
3. Exhibit ethics, values and good leadership qualities for organisational development.

Major Laboratories

1. Material Technology Laboratory
2. RAC Laboratory
3. CAD/CAE Laboratory
4. Fluid Mechanics Laboratory
5. IC engine Laboratory
6. Heat Transfer Laboratory

Dr. Rupendra Nehete
Head of the Department

Faculty Specialization

Sustainable Manufacturing, Renewable Energy, Industrial Engineering and Manufacturing Management, Production Engineering, Design, Heat and Mass Transfer, HVAC, Heat Pump, Solar Energy and Sorption based Systems, Mechanical system design, CAE (Computer Aided Engineering), Wind turbine testing & analysis, Biomedical engineering, Solar Thermal System, Solar PVT System, Bio- Diesel, Computational Fluid Dynamics (CFD), Fluid Structure Interaction (FSI), Lean, Green and Six Sigma Manufacturing strategy, Industrial Engineering and Composite Materials

Student Development Programs

1. Projects in Heat Transfer in Alfa Laval
2. Guidance for UES applicants (armed forces)
3. Industrial tools and techniques for BE students
4. GATE awareness
5. Energy Savings

Research Consultancy / Projects Completed

1. Solar cooling helmet (patent) - Dr. Rupendra S. Nehete

2. Prof.Prashant Ambadekar published books entitled "Advanced Manufacturing Processes", 'Industrial Engineering and Management' and 'Mechatronics' for MSBTE.

Industrial Visits

1. Hindustan Forging & Steel Industries (HFSI), Wagle Estate, Thane
2. Fortune Cars Pvt. Ltd., Nerul
3. Mecho Engg. Pvt. Ltd. at Bangalore, Karnataka.
4. Milestone Institute, Thane
5. Mitsubishi Electric India Pvt. Ltd., Andheri

Industry - Academia Collaboration (MoUs)

1. Perpetual Gravity labs Pvt Ltd. - Technical Guidance for final year project
2. Indian Biodiesel Corporation - Final year project association
3. Metalemms Bombay Pvt Ltd. - Student internship / industrial visits
4. Shri Ganesh Industries - Student internship / industrial visits
5. Vishwakarma Enterprises - Student internship / Industrial visits
6. Hindustan Forging and steel industries - Student internship / industrial visits
7. Manibhadra Machine tool Pvt Ltd. - Student internship / industrial visits

Student Achievements

1. SAE student team Turbocrafters participated in National level event all-terrain vehicle competition ATVC 2020 at Vadodara, Gujarat and secured AIR 1 in Suspension & Traction, AIR 1 in Cost, AIR 1 in Mega Marketing Round, AIR 4 in Manoeuvrability, AIR 3 in Endurance and overall AIR 3rd rank at national level.
2. SAE student team Turbocrafters participated in National level event all-terrain vehicle competition BAJA 2020 at Indore during 22-26 January 2020 and secured 1st in Mumbai, AIR 8th in manoeuvre, AIR 6th in endurance and overall AIR 11th rank at national level.
3. (BE) Dharmraj Ayyapan and (TE) Mauli Mirajkar secured 1st prize in technical paper presentation in Prodology 2019 at VJTI Mumbai on 29 March and 30 March 2019.
4. Chettiar Sairam, Rewant Punna, Iyer Siri, Tejas Mahadev won first prize in National Level Technical Paper Presentation Competition NLTPP-2019 at BVCOE, Kharghar on 20 September, 2019.
5. Gaurang Dandwate and team, Second year student won First Prize in the Street Play event held under the auspices of UDAAN (NSS) during the academic year 2019-20.

"A Ship is always safe at the shore, but that is NOT what it is built for."

- Albert Einstein

SIES GST has the distinction of being the only institute in the entire Asia Pacific belt, to offer a unique industry oriented undergraduate engineering course, B.E. in Printing and Packaging. The course was initiated in 2006-07. Four batches have passed out, with all students successfully placed in industry or pursuing higher studies in premier institutes abroad like Michigan State University (MSU), Rochester Institute of Technology (RIT) & in India like Manipal Institute of Technology & many more. The objective of this field is to equip students with various technologies of the growing domain of Printing and Packaging.

Vision

To be a Premier Department specialized in training & education in the field of Printing and Packaging Technology, striving continuously in pursuit of excellence in Industry – Academia Collaboration, Entrepreneurship and Innovation.

Mission

1. To provide education of the highest quality with industry based training in the applied engineering field of Printing & Packaging Technology at par with international technological practices and trends.

2. To encourage learners to engage in real life problems/situations and cultivate analytical skills, develop creativity and provide practical & innovative solutions to problems.

3. To build a foundation for lifelong learning and instil a sense of stewardship of resources used, as learners progress towards becoming responsible technologists of the future.

4. To become the centre of excellence for packaging & printing technology and establish a vibrant industry – Academia Interface for training, internship, research and consultancy.

Program Educational Objectives (PEO)

1. Become professionally excellent in Printing and Packaging Technology to compete at national and international platforms contributing to research and industry.

2. Become a principal professional with good technical and management skills to solve economic, environmental and societal problems.

3. Become an entrepreneur providing solutions to societal & industrial problems.

Mr. Prasad Iyer
Head of the Department

Major Laboratories

1. Printing Technology Laboratory
2. Material Testing Laboratory
3. Instrumentation Laboratory
4. Design and Graphics Laboratory
5. Packaging Machinery Laboratory
6. Exposure and Shelf Life Studies Laboratory
7. Microbiology Laboratory
8. Transport Laboratory

Faculty Specialization

Sustainable Packaging, Computer-Aided-Designing (CAD), 3D Modelling, Package Designing, Plastics, 3D Printing, Distribution Packaging, Paper-based Packaging Materials, Plastic Processing, Plastic product designing, TP-Elastomers, FRP, Corrosion resistant polymers, Inks and Coatings, Specialty Polymers, Plastic Composites, Extraction of Bio-molecules from Natural Sources, Synthesis of Bio-plastics, Sustainable Packaging Solutions, Mass Transfer, Reaction Engineering, Environmental Engineering.

Scholarship Scheme

1. **SMI Scholarship** - SMI Coated Products Pvt. Ltd. has Instituted an annual need-cum-merit based scholarship of Rs.3,00,000/- to 12 deserving students (25,000/- each).

2. **BMPA Scholarship :** The Bombay Master Printers' Association has Instituted an annual

outstanding "Girl Student" scholarship of Rs.1,00,000 /- to 2 deserving students from Third and Final Year (50,000 /- each).

3. **Shashank Shejwalkar Scholarship** : The scholarship is given to one student with best all round performance Rs. 15,000/-.

Student Development Programs

1. 3D Printing
2. ISO 9001 : QMS
3. Six Sigma
4. Seekho aur Samjho (SaS) program

Research Consultancy / Projects Completed

1. Tensile pull-out testing of implants on teeth samples
2. Designing & 3D Printing machine components
3. Prof. Prasad B. Iyer is an Editorial Board Member of Indian Plastic Institute Journal since January 2019

Industrial Visits

1. Decaltech Pvt. Ltd, Bhiwandi
2. Times of India, Airoli
3. SMI coated product Pvt Ltd.
4. PaperPack Nerul
5. Flueron Inks Pvt Ltd
6. Rajdeep Plastic Containers Pvt Ltd

Industry - Academia Collaboration (MoUs)

1. ESKO, Singapore - Software license granted with faculty and student training
2. Print week India - Student Internships
3. Mercury Industries Ltd. - Faculty Consultancy and Student Internships

4. Pressman Solutions - Industrial Visits and Internships

Student Achievements

1. Sriganesh Sankar & Abdul Basit from BE-PPT won first prize in P-Pack 2019 National Level Technical Quiz on Plastics in Packaging held on Sept 28, 2019.

2. Vinay Thakur from B.E PPT won third prize in Clay Modelling at Youth Festival,organized by University of Mumbai on 14 th August, 2019

3. Yashodhan Parab won 1st prize in photography, Ashwin Deokar stood second in print quiz and Sachin Dhavale won 1st prize in prepress creativity in the intercollegiate competition PRINTERA 2020 held at PVG College of Engineering, Pune on Jan 4 & 5, 2020

4. Mr. Sanjeev Srinivasan, student from 2018 PPT batch won the coveted student of the year award 2018, on November 29, 2018 conducted by Printweek India Magazine at St. Regis Hotel, Mumbai. Sanjeev won this award after being shortlisted among 8 top students across India in the Printing & Packaging Field. This award has been won 6 times (2012, 2013, 2014, 2016, 2017, 2018) in the last 8 years by PPT students since 2011.

5. Shraddha Sanjay Kadam and Nikhitha Narendra Murdeshwar from BE PPT were adjudged winners of PaperMade 2019 contest conducted by Parksons Packaging for designing & prototyping Multi Flavour Ice Cream Dispenser package" in June 2019.

6. Prathamesh Patil (SE) and Mahaganesh Thevar (TE) stood first at the university level street play competition held at K.J. Somaiya on 11th December 2020.

Training and Placement Cell

Training & Placement Cell of SIESGST is actively involved in grooming the fresh Engineering Graduates and making them Industry ready. The higher studies aspirants are provided with relevant information as well as guidance to prepare for various competitive exams. The T&P team conducts and organizes various training activities and seminars throughout the academic session to guide the students, across all branches, and help them practise for their area of interest.

The primary objective of Training & Placement Cell (T&P) is to provide employment opportunities and professional training to the students. At GST, the T & P cell strives to collaborate with industries to provide campus placements and internships to all the students.

The institute also has an Industry Institute Interaction cell to collaborate with industry for consultancy projects where the students get to work on live projects and on problem statements provided by the industry. The Training and Placement Cell of the Institute centrally handles campus placement of the graduating students of the University. The Cell provides complete support to the visiting companies at every stage of the placement process. The Cell is well equipped with ample infrastructure for the companies visiting the campus. It also regularly conducts and organizes career development sessions by industry professionals to create awareness among students regarding available career options and help them in identifying their career objectives and guide them in developing skills and job-search strategies required to achieve their career objectives. Regular feedback from the industry is taken to bridge the industry academic gap and to provide inputs for curriculum enrichment.

Some of the training programs in the last academic year
- Pre-placement Campus Recruitment Training (CRT) by Professional experts from IMS and Campus Credentials.
- Seminar on "Strategies to Participate in GD/PI" and Mock Group Discussion
- Employability Assessment through Aspiring Minds Computer Adaptive Test (AMCAT)
- Language Lab for Improving Language Skills.
- Regular Aptitude sessions for Improving Aptitude Skills.

Utmost importance is given to placement related

Ms. Seema Khan
Training and Placement Officer

activities to ensure that all successful graduates receive suitable placements. Over the past several years, a strong placement network has been developed with industries in the manufacturing, engineering, finance, information technology, publication and other sectors.

This has been achieved through constant interaction with the industry by way of seminars, research projects, and on-and-off campus initiatives. As part of its placement efforts, placement teams visit potential employers and consultants and apprise them of the level of knowledge and practical application skills acquired by the graduates in their respective areas of specialization. The profiles of the students seeking placement assistance are made available to the prospective employers.

Furthermore, internships are also granted to students during the course of their studies in our college, they may range from a month-long internship to 4 to 6 months internship which involves final year projects in the case of students pursuing B.E. Printing and Packaging Technology. This year onwards we have also instituted a cell for international internships.

" If you are offered a seat on a ROCKET SHIP, don't ask which SEAT ? Just Get On"
                                                                    - Sheryl Sandberg

Our Top Recruiters

ME	EXTC	CE & IT	PPT
JSW Steel	TCS	TCS	AmulFed Dairy
Toyo Engineering	Infosys	Infosys	Tetrapak
Schindler	Cognizant	Wipro	Essel Propack
Jacobs	L&T Infotech	L&T Infotech	Kodak
Sanmar Group	TechMahindra	TechMahindra	Future Group
Mahindra & Mahindra	Wipro	Capgemini	Dabur
Saint-Gobain	Capgemini	Reliance Industries	SMI Coated Products
RMC Prism	Reliance Industries	Reliance Jio	Monotech
Cimpress	Reliance Jio	Reliance Communicatons	Avery Dennison
AllCargo Logistc	Reliance Communicatons	Amazon AWS	Sakata Inx
HDFC	SeleControl	Cimpress	Yusen Logistcs
RMC ReadyMix	Automata Systems	EPAM	Cadbury Mondelez
Bluestar	Hind Rectfiers	GEP	Ferrero Rocher
Decathlon	KPIT Cummins	Equifax	Tech Mahindra Cambridge University Press

Many of our students also opt for higher education both abroad and with premiere institution in India. We provide counselling and guidance for their entrance exams and during their application process. Some of the colleges where our students are currently studying are:

University of Melbourne, Australia
University of Toronto, Canada
University of Waterloo, Canada
Technical University of Munich, Germany
Delph Nu, Netherlands
Indian Institute of Science, Bangalore
Indian Institute of Management, Ahmedabad
Indian Institute of Management, Indore
XLRI, Jamshedpur
Indian Institute of Packaging, Mumbai
Jamnalal Bajaj Institute of Management Studies
Indian Institute of Technology, Kharagpur
Indian Institute of Technology, Kanpur
Indian Institute of Technology, Madras
Indian Institute of Technology, Bombay

National Institute of Design, Ahmedabad
Lund University, Sweden
Carnegie Mellon University, USA
Boston University, USA
Stevens Institute of Technology, USA
Rochester Institute of Technology, USA
North Eastern University, USA
Texas A&M University, USA
University of Pennsylvania, USA
Virginia Tech, USA
SUNY Buffalo, USA
Rutgers University, USA
University of Illinois, Chicago, USA
Florida State University, USA
University of California Los Angeles, USA

FE INDUCTION 2019

A novel group of aspiring engineers with innovative minds, sanguine dispositions with millions of dreams in their minds walked in through the doors of SIES GST on 7 th August '19 to commence a new chapter in their lives.

Day 1-

The students reported branch wise in the GST auditorium along with their parents commencing their orientation schedule in separate sessions. The day began with the hosts of each of the sessions introducing themselves and the institute and its essence to the engineering aspirants and their parents. This was followed by a delightful prayer song and a lamp lighting ceremony to mark the occasion of new beginnings.

The Dean and HOD of Humanities and applied-sciences, Dr. Manasi Karkare, the Training and Placement cell in charge, Ms. Seema Khan, addressed the students. This was followed by a brief informative session by the exam cell in charge about the choice-based credit system by Mumbai University.

Furthermore, all the newcomers were addressed by the student council in charge Ms. Sumitra Padmanabhan, student council president Tejas Kulkarni and all secretaries, respective HOD nominees explaining the significance and importance of the induction program introduced by AICTE and the roles, responsibilities and the duties of the student council and all the student chapters that are inclusive.

Day 2 and 3-

**Yoga Session
conducted by experts**

**Self-Defence Workshop
conducted by experts**

Day 2 and Day 3 had the wheels of the induction program in full motion, the students were coaxed into interacting with their peers, seniors and faculty members to develop strong interpersonal bonds from the start.

The students were taken on campus tours by the faculty and student volunteers

Day 4 -

The Fourth Day of the induction was all about introducing the various teams of the Student Council and giving a glimpse of the numerous events conducted by them throughout the year. The FEs were divided into 3 groups. The Literary Team, Cultural team and creative team had various activities under them.

The Technical Team introduced the students to the different domains of the technical team - Robotics, App Development, Web Dev and Game Dev. The companion app and portal website were also flaunted. The Design Team and the Media Team displayed their best works through the breathtaking movies and posters made by them. The SAE Student Chapter Team Turbocrafters introduced the advent of creating an ATV vehicle

Day 5 -

A seminar on Blockchain, as a concept and how it has risen to the technological and economic paradigm was conducted. The ways it has manifested itself in the corporate world and its scope in the future and the contribution of engineers in it was also a topic of discussion. The FEs left with an ardent curiosity and a keen interest towards the subject.

The entire motive and incentive behind the induction program proposed by AICTE for the FEs was to take a positive step towards nurturing students who are not just good engineers but better members of the society, better citizens of the country and better human beings in totality.

ONLINE TEACHING METHOD DURING COVID - 19

The intriguing ability of a microscopic organism to bring the entire world to its knees cannot be overstated. The pandemic struck fear into the hearts of men,women and children and most importantly the youth- the young population,the flag bearers of the impending tech-savvy future.

In a very quick turn of events the virus was followed by an immediate nationwide lockdown declaration by the Government of India on March 22nd. Schools and colleges however, declared leave for students a week before, i.e. 16th of March onwards instructing all the students to stay at home and practice social distancing to avoid catching the virus.

Free time and a dearth of duties never did any student any good and so all the academic departments of SIESGST began their online lecture initiative scheduled for each working day to ensure that students were able to cover up the studies they would otherwise have missed out on due to the lockdown. This also helped to make sure that the students were ready for their examinations regardless of the rescheduling. The lectures were conducted in Google Meet and a myriad of written assignments were given along with quizzes and reading assignments to keep the students engaged

in active learning. The Google Classroom acted as a very viable source for the teachers to maintain the record of each student's performance. Aside from these, online virtual labs and practical tools were also employed by the faculty to conduct live practical sessions to cover the practical classes. Project reviews were also conducted for the Final Year Students using Meet.

" In life, you're either growing or you're decaying, there is no middle ground. If you're sitting idle, you're decaying. "-Alan Arkin.

In this theme, the institute ensured that even with utter bedlam being rife all over the world, we as students didn't stop growing by keeping us engaged in not only studies but also personality development activities. The Student Council of SIESGST, the various Student Chapters and the NSS Unit also ensured that students were utilizing their time by doing constructive things such as taking up online courses for skill enhancement and posting workout, singing, dancing etc challenges on social media platforms. The Literary Team invited the students to utilize the time to produce some really creative content to post in the college magazine Samanvay.
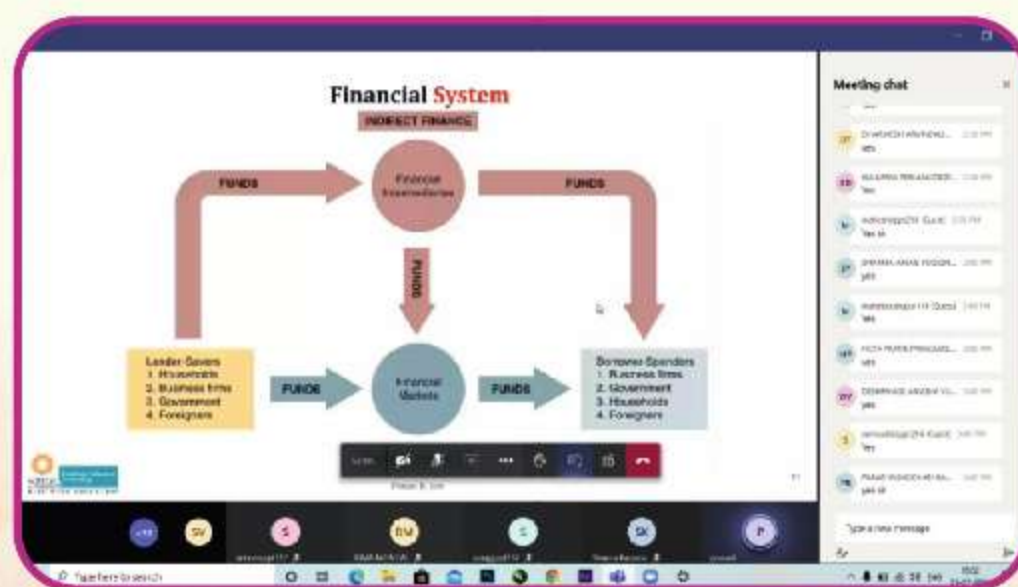
MENTOR MENTEE PROGRAM

We at SIES GST, believe not only in educating our students but also parenting them. The mentor's role is to guide, give advice, and to support the mentee. With this purpose a well structured mentor-mentee system has been developed in the college.

The professors of the college are allotted to a number of students as mentors under this system. The mentor is one resort for a student where one can seek knowledge, guidance and support at all times. The mentor bridges the communication gap between parents and management by regularly updating the parents about the student's progress and updates from the college.

The mentor- mentee scheme has been a revelation towards a promising personal and professional guidance relationship developed over time between faculty and students.

Mentor-mentee program is defined by the following activities.

1. Providing emotional support to students (mentees) on an individual basis.
2. Helping students overcome homesickness. Establishing rapport between teachers, students and parents.
3. Recognizing their talent and interests; thereby encouraging students to participate in co-curricular and extra curricular activities.
4. Monitoring attendance and behavioural aspects of every student.
5. Identifying weak areas and working out remedies helping students thereby taking their complete care.

BEACON - Institute Social Responsibilty

The South Indian Education Society has taken a significant step forward by making social responsibility a part of the education process. It was decided that each college in the group would adopt a village for its overall development and to empower the villagers. The SIES College of Arts, Science & Commerce, Sion West, took the first initiative by adopting a small tribal village in 2013 followed by the SIES College of Management Studies adopting another in 2014. The SIES Graduate School of Technology, Nerul has extended the initiative further by treading a different path. As part of the Institute Social Responsibility initiative taken by the South Indian Education Society, the Graduate School of Technology provides vocational training to the underprivileged sections of the society. The target group is orphans, street children, school dropouts and similar individuals between the age group of 18-30 years.

Beacon offers seven trades; viz Carpentry, Welding, Metal Turning, Sewing & Tailoring, Plumbing, Electrician, Screen Printing and Computer Operator, each having a course duration of six months including a foundation course for all. The courses focus more on practical hands on training with minimum required theoretical background. Each candidate is further exposed to the basics of grooming, banking skills, computer skills, spoken English, Mathematics, as part of the foundation course. At the end of the training the students are placed with service providers, contractors or in industries for internship. Until now, SIES GST's BEACON has trained 8 batches from 2016 and all of them have been well placed.

ReConnect

ReConnect is SIES GST's Alumni Association registered in the year 2012, which provides a platform for the ex-students to interact with the Institute. Reconnect has led to the formation of a closely knit community which promotes, supports and inspires the current and future alumni of the college in their endeavours. Reconnect is the annual gathering of SIES GST Alumni, which is held on the first Saturday of January every year. Being the institution's most loyal supporters who shape the future of the college in a pivotal manner, ReConnect helps the alumni to engage with the students and staff on a regular basis.

Our Distinguished Alumni

Pranit Kulkani

Chaitanya Bhave

Vishal Vinod

Sanjeev Srinivasan

Karan Kapoor

Vishal Dubey

Vishal Dubey BE EXTC (2012-16)
An entrepreneur, developing autonomous tractor has been selected as one of the 120 entrepreneurs from around the world for Asia Pacific Innovation Accelerator Camp (APIA) happening in Beijing, China with a 100% scholarship.

Pranit Kulkani BE Mech (2013-17)
Pursuing LLB with Honours in Intellectual Property Law at Indian Institute of Technology, Kharagpur.

Chaitanya Bhave BE Computer Engineering (2013-17)
A research scholar working on a prestigious project at University of Florida.

Vishal Vinod BE Mech (2012-16)
Coordinator at Business Innovation - The Design Fabrication Zone (DFZ) at Ryerson University.

Sanjeev Srinivasan BE PPT (2014-18)
Won the Student of the Year award in PrintWeek India Awards 2018.

Karan Kapoor BE IT (2011-15)
Co-founder of Sigma flux - Website Designing, Industrial Training and IoT projects.

Industrial Visit

Industrial visits have its own importance in the shaping of the career of a student who is pursuing a professional (graduation) degree. It is considered as a part of college curriculum and the objective of industrial visit is to provide students an insight regarding the internal working of companies. Theoretical knowledge is alone not enough for making a good professional career. It thus aims to provide an exposure and practical perspective to the working world. It shows the students a glimpse of their life once they complete with their graduation.

Industrial visit is considered as one of the tactical methods of teaching. The main reason behind it is that it lets students know things practically through interactions with the industry personnels, their working methods and employment practices. Moreover, it gives them an exposure from an academic point of view. They also provide students a good opportunity to gain full awareness about industrial practices. Every year SIES GST organizes an industrial visit to Rajasthan, Bangalore, Mysore, and many other places for the students of third year from all branches of engineering in the month of December-January.

Enhancing Learning through co-curricular activities

The SIES Graduate School of Technology believes in building a relationship between academics and co curricular activities to build a strong personality and an unshakable character of a student.Organizing such activities entails students to have the courage to extend the range of their experiences, their imaginations, their comfort zones and venture beyond those comfortable limits from time to time.These activities not only supplements for the curriculum gap but also helps student develop skills to work in a team and also slide into leadership roles when needed.It also provides a platform for teachers to engage with the students outside the classroom as a facilitator building stronger bonds and the camaraderie which every student will enjoy.

All this is achieved by providing the students with a structured student body which plans and executes all the activities in a disciplined manner. The student council along with all the student clubs like literary, Music, Dance, coding etc, and professional chapters like IEEE, IETE, SAE, CSI, ISTE, EDC IPI, ISHRAE at department level work in close coordination to organize extra-curricular and cocurricular activities.The NSS wing of the college takes care of inculcating social values amongst students.

SIESGST provides all the students with a platform that is dynamic, competitive and yet encouraging enough for the holistic growth of the students.

From securing first rank in final year engineering exams in the University to winning second prize in inter university project competition and from bagging gold medals at national level sports to being awarded for a socially active and responsible NSS unit, the students of GST have been at the forefront of every field.

- Sumitra Padmanabhan

"True guidance is like a small torch in a dark forest. It does not show you everything at once, but gives just enough light for the next step to be safe."

- Swami Vivekanand

Student Council of SIES GST

The Student Council is formed at the beginning of each year, consisting of the active members of the institute. It forms a link between the institute administration and the students. The Council ensures holistic development of students by inculcating a sense of responsibility, good interpersonal and leadership skills. It compels them to think and express their thoughts with clarity and confidence.

Objectives of the council:
1. Holistic development of students.
2. Inculcate among students, a sense of responsibility, good interpersonal and leadership skills.
3. To make them think and express their thoughts with clarity and confidence .
4. Fulfill social responsibilities.
5. To be a link between students and administration.
6. Promoting self governance.

How does it help?
1. Teaches students to make plans, manage resources, manage time, test feasibility of ideas and to pitch them and execute them.
2. Encourage students to be ambitious and take calculated risks.
3. Provide real world exposure to students via opportunities to meet academic and industry professionals and heads of various companies.
4. Developing PR skills.
5. Encourage new and diverse events and out-of-the-box thinking.
6. Teach them documentation and basic accounting practices.
7. Inculcate a sense of responsibility.
8. Handle emergencies.
9. Multi tasking –managing time ,academics, attendance.
10. Work without bias.
11. Increases affiliation/involvement.

The Students' Council consists of numerous teams including Technical, Literary, Cultural, Sports, Media, Creative, Student Satellite, Public Relations, Marketing, Publicity, Social Media and Logistics. These teams aim at bridging the gap between theoretical knowledge and its practical application by conducting numerous co-curricular activities which assist in the overall development of a student. Various workshops, seminars and events conducted by them prove to be beneficial for students' personality development. These teams work together relentlessly every year for organizing the college fests and taking it to new heights.

TEAM TURBOCRAFTERS

SIES GRADUATE SCHOOL OF TECHNOLOGY is extremely proud of our students for an outstanding performance in the 13th annual SAE BAJA competition held in Indore from 22nd to 26th January, 2020 and also in the 4th Season of Aravalli Terrain Vehicle Championship held in Gujarat from 15th to 19th February, 2020.

These are one of the most prestigious and well known intercollegiate design and racing championships in India for undergraduate students. Teams from all across the country participate in these events. The challenge begins right from July wherein only 250 teams from thousands of applications are shortlisted for the main event after the virtual event. The shortlisted teams then go through technical inspection, brake test, acceleration and various static events such as sales presentation, design event, cost event and dynamically tested in some of the toughest tracks during suspension and traction, hill climb, maneuverability and endurance race. SIES GST is proud of Team Turbocrafters for securing AIR 8 in maneuverability, AIR 6 in endurance, AIR 11 overall and 1st in Mumbai in SAEBAJA 2020 and ending this season with exemplary performance in ATVC 2020 by securing AIR 1 in Suspension and Traction, Cost, Sales, Mega Marketing, AIR 3 in maneuverability and endurance and being the overall Second Runner up and 1st in Mumbai. SAE BAJA has been consistently representing the college at the national level by performing their best in all aspects and making everyone involved proud!

NSS: Promoting Humanity via social service

National Service Scheme (NSS) is a Central Sector Scheme of Government of India, Ministry of Youth Affairs & Sports. The NSS unit of SIES GST is a team of volunteers who are resolute upon spreading awareness and helping to solve common problems in our society. In addition to social service, our unit focuses on the personality and leadership skill development of our volunteers.

NSS volunteers, in their first year of NSS presented skits under the directions of their seniors i.e. second year of NSS volunteers, to spread awareness on topics like - dreams and passion, favouritism, the dignity of labour, communication gap between parents and their kids, and on variety of such topics. The Dignity of Labour initiative involved NSS volunteers working on a weekend with the cleaning staff of our college in cleaning up the classrooms, corridors, etc. to make them understand that all the jobs are equally important and to treat everyone with the same respect regardless of their job. The NSS unit also organized many different activities such as random acts of kindness where volunteers were dispersed in and around the college and offered their help to random workers who might need help, tree plantation and cleaning up of Shiravane school and its vicinity was yet another such social responsibility activity, celebration of yoga day, and etc. NSS also conducts yoga sessions, self-defence workshops, and tree plantations in the campus during the 7-day orientation of First-year engineering students. The total number of trees planted this academic year was well over 300 saplings.

NSS also maintains a compost pit that generates compost every year which is dug up by volunteers and put in packages to put it on sale. Additionally, volunteers also participate in street play performance during the NSS week to cover topics that include road safety, eco-friendly festival celebration, helpline numbers among others. This year adding a golden feather to our cap, NSS SIES GST stood first at the university level street play competition held in Mumbai. Our unit also organized a blood donation drive where every volunteer assisted the doctors, the donors and ensured a smooth operation of the whole event. In the end, we helped JJ Hospital and Sion Hospital collect a total of 262 blood units.

Every year NSS organizes a 7-day special camp where the first-year volunteers work tirelessly to achieve a common goal - development of the village. This year's camp was held at Warap, a small village, in Pen taluka. The team constructed a check dam - "Bandh" over the river which helps the villagers to store enough water to ensure that they don't face scarcity in the summer season. We also developed proper drainage systems for their common taps, a soak pit, beautification of the school and gram panchayat office and also cleaned the streets of the village. The volunteers also performed street plays to spread awareness among the villagers about the significance of farmers, the importance of saving water, and etc.

Dream Run is a charitable initiation undertaken by SIES GST in which NSS plays a major role. It is a marathon that is organized every year in the even semester of college. Every year several people participate in the marathon and all the funds raised are donated to an organization that is working towards the cause which is decided for that particular year. In the year 2019, all the funds raised through dream run were donated to Sunshine School, Vashi - a school for differently-abled children.

Blood Donation Camp

NSS Skit

NSS Day Skit

Republic Day Skit

Gandhi Jayanti Celebration

Republic Day Celebration

Student Activity Clubs

Aaroha

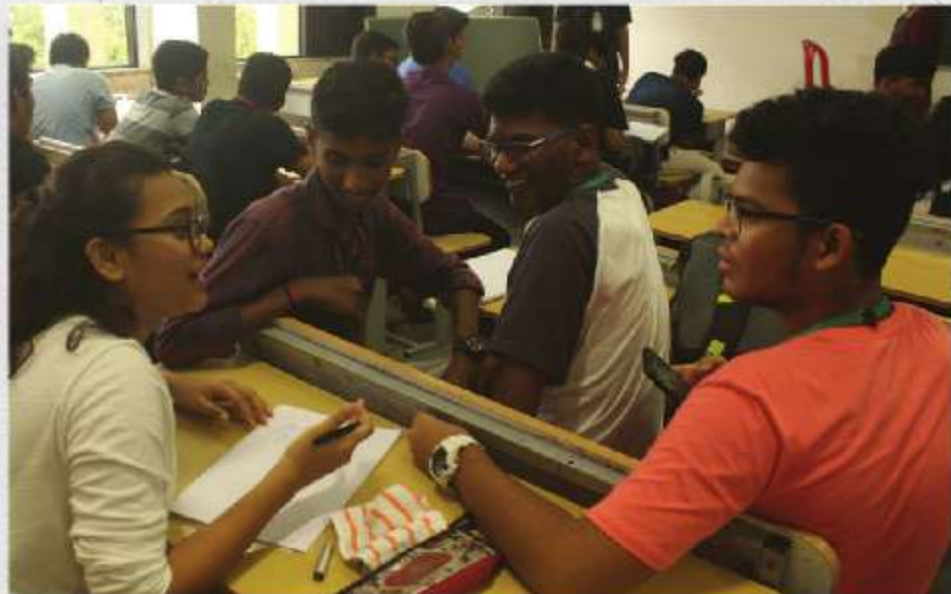Music is a piece of art that goes in the ears straight into the heart!

Aagmi

The rhythm of India makes your feet dance on its beat!

Fashion Show Team

Life is like a ramp, so give your best and walk like you own the world!

Lit Club

Comic books are fairy tales to grown ups!

Student Activity Clubs

Moksh

You may call it dance but, they call it LIFE!

Aarambh

All the world's a STAGE!

Samanvay

Samanvay, the annual college magazine of SIES GST is the Literary Team's 'Magnum Opus'. The Literary Team always strives to better the standards set by previous batches, and they hope to do justice to that aim and vision with every edition of Samanvay. It gives us great pleasure to present to you, "SAMANVAY".

The GST Gazette

The GST Gazette is the fortnightly newsletter, compiled, edited and designed by the Literary Team. It contains articles and poems written by students, alongside news from across the campus, announcements and advertisements regarding events happening on campus.

Professional Chapters

CSI

Innovation is the outcome of a habit, not a random act

IETE

To provide a common platform to exchange ideas in technical topics of interest.

ISHRAE

To develop a safe environment for the future.

IPI

Don't design for brands, design for people interacting with brands!

IEEE

Dedicated to advancing technology for the benefit of humanity.

EDC

Everyone can tell you the risk but only an entrepreneur can see the reward.

Professional Chapters

SAE

Where ideas take shape, and eventually come to life

CodeChef

Programming is usually taught by examples.

WDC

Excellence is not gender specific.

> I am always ready to learn although,
> I do not always like being taught.
>
> - Winston Churchill

COGNITION - AN ANNUAL TECH FEST

Established in 2007, Cognition is the annual technical festival organised at SIES Graduate School of Technology. As one of the premier technical festivals in the city of Navi Mumbai, Cognition defines what it means to be a holistic collegiate festival - An amalgamation of stellar technical prowess and a creative ethos designed to entertain and enthrall a wide range of audience that attends it each year. Held each fall, it comprises over 5 National-Level competitions organised by the Technical team of the college alongside the various student chapters such as the CSI, IETE and IEEE. Enhancing the technology showcased on the campus across two days in September, are a diverse set of fun and enticing education events hosted by the student clubs and initiatives founded within the college.

Human beings have always been fascinated by the unknown. Not knowing what lies in store, they launch missions and expeditions to weed out a possible explanation to something they can't decipher. But our obsession with the unknown has proved to be of utmost importance, due to the simple reason that we now have a logical reason for a number of things which were considered 'unknown' in the past. Which brings us to the question – What unknown are we currently obsessed with?

For quite a while now, we've been discussing aliens, which includes UFO sightings, individual testimonies about alien interaction, etc. The existence of aliens has always been a widely debated topic, and still remains unresolved. But our current focus isn't on aliens in general, it's about one particular set of aliens – the ones believed to be 'hidden' in Area 51, a military zone near Nevada, USA. What started as memes on the US government supposedly hiding extraterrestrial life in Area 51 grew into a plan to raid their headquarters on 20th September, with a lot of people responding and promising their presence. Due to the relevance of this topic, Cognition'19 had adopted an 'Area 51' theme and promised to host a multitude of activities catering to our love for the unknown.

Developer's Summit is the highlight event of Cognition organized by the Technical Team of SIES GST. The aim of the Developer's Summit is to make the new upcoming engineers familiar with new technologies and ways to find solutions to the existing problems. The event consists of seminars and hands-on workshops conducted by experts in the field of technology on variegated topics like Cyber Security, Game development, Machine Learning, AI, etc. It gives students an insight about the ongoing trends in technology, the future of technology and the career opportunities available in the technical field.

TATVA MOKSH LAKSHYA - ANNUAL FESTIVAL

"Take only memories, leave only footprints."

Tatva Moksh Lakshya (TML) is the Technical, Cultural and Sports Festival of SIES GST which is being conducted annually for 12 years. It is described as one of Navi Mumbai's most looked upon collegiate events. The fest is a projection of creativity, hard work and splendid talents of the students. Students from colleges across the city actively indulge in all the various events, games and competitions organised across the campus by the budding engineers.

The students took home a bunch of indelible memories of the amazing Odyssey they experienced at the SIES GST in TML 2020. The campus was embellished with different paintings to give the viewers an insight of the journey through the different realms viz. ocean, desert, snow and subtropical regions doing complete justice to the theme, 'Odyssey- Journey through the Realms'.

Highlight events of the fest were 'THE VOICE OF GST'- SOLO/DUET SINGING COMPETITION, 'ABHINAYADARSHI'- A platform for budding actors to showcase their talents before the judges - Anand Sawant and Ashok Palwe, 'COSPLAY' and 'UNPLUGGED'. The fest was injected with an infectious energy by the electrifying performances of the participants of the SOLO/DUET DANCE COMPETITION which was judged by renowned artists Subho Das, Saurabh Prajapati and Elizar Rodrigues. The fest was heated up with the star studded FASHION SHOW judged by Anushka Sharma and Ayushi Gupta. Some of the best dancing troupes from across the city set the stage ablaze at the 'GST Group Dance' contest before the judge Rupesh Bane -DANCE PLUS 5 WINNER. The fest reached its conclusion with the CONCERT and DJ NIGHT. The concert was by the very famous band-'EUPHONY' who were the 1st runners up of the musical reality show 'Dil Hai Hindustani'. DJ FEFUNK opened the show with an exhilarating performance for the star of the evening, DJ MADOC.

LAKSHYA

Games and Sports play a vital role in a student's life. A student should study hard to be successful in the journey of life but also, one should be active in games and sports to enjoy the health and vigour of life.

To ensure that the concept of "SPORTS FOR ALL" is followed in our college and every student gets the chance to play, we organize our annual pre fest LAKSHYA. Lakshya is an inter department sports tournament organised by the Sports Team. Lakshya spans for almost 2 months starting from January. Every year nearly 400 students take part in the various sport events under Lakshya. We have a total of 15 sports with each sport having some points for the top 2 teams. All departments participate and compete against each other within the spirit of the game to win it all. The department with maximum points is awarded with the prestigious Shield.

The following events are conducted in LAKSHYA every year:
1. Football
2. Cage Football
3. Open Cricket
4. Box Cricket (Boys & Mix)
5. Cage Cricket (Boys & Mix)
6. Basketball (Boys & Mix)
7. Kabaddi (Boys & Girls)
8. Carrom
9. Badminton (Boys & Girls)
10. Volleyball (Boys, Girls & Mix)
11. Table Tennis (Boys & Girls)
12. Athletics (Boys & Girls)
13. Shot Put
14. Tug of War (Boys & Girls)
15. Cage Cricket

MATRIX - Technical Olympiad exclusively for First Year Engineering Students

SIES Graduate School of Technology (SIESGST), Nerul, Navi Mumbai organizes a National Level Inter-Collegiate Quiz Competition "MATRIX" exclusively for FEs. It is held under SIES Graduate School of Technology's Flagship Annual Inter-Collegiate Technical Festival "Cognition".

Matrix is organized with an aim of giving the freshers from B.E./B.Tech an opportunity to test their knowledge and enjoy at the same time with a golden chance to win grand cash prizes and trophies. Each team consists of three participants from the same college who have to go through 5 interesting rounds to make it to the Champions trophy. The college having the maximum number of teams in the Top 20 is awarded with College Champions Trophy.

The event receives an illustrious response with participant teams from various colleges in the Mumbai vicinity like Terna College of Engineering, LTCE, DMCOE, PVPPCOE, Fr. Conceicao Rodrigues Institute of Technology, etc and numerous inhouse participant teams.

The first round is a MCQ round based on PCM questions conducted online. Top 40 teams who get qualified for Round 2 have to gather at SIES GST for the consequent rounds. Round 2 consists of questions framed on PCM and GK. Top 20 teams enter Round 3 which is a fun round arranged specially for the participants to have a break from academics and enjoy the fest. Top 8 make it to Round 4 which is a time-based MCQ Round. Top 4 teams get to the Final and most awaited Round 5 which is based on GK questions.

The event never fails to be a big hit and is always filled with intense competition and a lot of fun. It receives great appreciation from teachers as well as participants.

Professional Body Activities

The Global Conference: SIES GST MUN 2020

SIES GST Model United Nations is a two-day international relations conference for college students held annually at SIES Graduate School of Technology, Nerul since 2015. It offers delegates the chance to discuss pressing global issues and challenge them to take on new perspectives, enabling them to become the world leaders of the future. It is an exciting opportunity for students to debate issues and to draft resolutions in response to various issues worldwide. The sixth iteration of SIES GST MUN consisted of three committees viz. DISEC, UNHRC and AIPPM.

The first Committee, the UNGA DISEC or United Nations General Assembly Disarmament and International Security Council had the agenda set as "To discuss the issues related to Nuclear Disarmament". The second committee, the UNHRC or United Nations Human Rights Council had a very progressive discussion on Improving employment opportunities for refugees and displaced persons(DPs). The third Committee was AIPPM or All India Political Parties Meet, which is a forum for unrestricted political debate, discussion and deliberation, free from the legislative functions of the parliament. The AIPPM provides a platform where diverse political perspectives and personalities come together to make decisions on issues of national importance. The All India Political Parties Meet is a venture to emulate political realities by stimulating the various levels of policy and governance existing in our nation today.

BIZENCE

This is a business plan competition organised for those who want to pitch their ideas in front of investors who think their idea will be successful on a national level.It has mentors meet and B-plan workshops for the finalists.We have two different tracks - one for business ideas and other for naive startups.The ultimate goal is to provide funding not only to ideas but also to naive startups too.

# Professional Body Activities

TECHXTER

TECHXTER is a National Level Technical Paper Presentation Competition, open to all the branches of Engineering & Polytechnic. The aim of IETE Students' Forum of SIES GST, in organizing a National Level Technical Paper Presentation Competition, TECHXTER is to provide a unique platform for all tech-savvy students to express one's deep understanding of the technical aspect and exhibit, and their presentation abilities. This event is specially designed in such a way that it tests all aspects of the students' knowledge on varied topics. TECHXTER presents an excellent

opportunity for demonstrating technical competence and innovative talents in the form of papers. It is a place where your intellect gets noticed and showcased in front of people who are stalwarts in the scientific community. This event is specially designed in such a way that it tests all aspects of the students' knowledge on their respective topics.

TECHXTER Receives more than 120 paper submissions every year from all over the country. The event is judged by very experienced senior faculty members of various colleges and by an industry expert. IETE strives to engineer a better world by inspiring, informing and influencing its members, engineers, and technicians, and in keeping with its primary goal, the Technical Paper Presentation event showcases the very essence of unbridled technical know-how of the participants.

INNOVATIONS
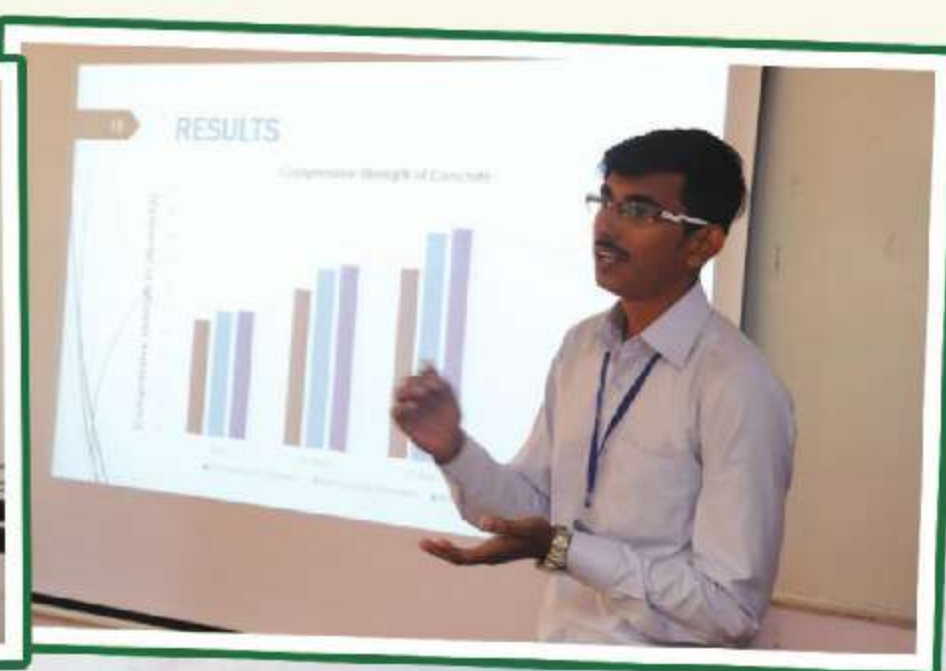
Innovations is a national level project competition conducted annually by the CSI Student Chapter of SIES Graduate School of Technology. It serves as a platform for young minds to take this window of opportunity and bring forward their innovative ideas in the form of projects. Each year teams from various institutes all over Maharashtra as well as other states, participate in Innovations in large numbers.

The projects are from various fields such as computers, information technology, electronics, Internet of Things, Robotics, Mechanical, etc. The submitted projects are carefully analysed based on parameters such as novelty, effectiveness, positive impact on society and scalability. This competition provides an opportunity to demonstrate technical prowess and excellence in their domain.

Professional Body Activities

PROMETHEAN

Second year students of SIES Graduate School of Technology organized an event called Promethean: An engineer's solution, for the First year students. This event is held in two rounds, the First round being a Powerpoint Presentation and the students who qualify for the second round have to prepare for a Poster Presentation. With numerous environmental problems faced globally and climate change being the matter in hand, students play a crucial role in bringing a change. This is the main intention behind organizing Promethean. It is a poster presentation competition where the students were exposed to environmental problems of today and they have to come up with engineering ideas of their own. Workshops are held prior to every round by the Promethean volunteers to guide the participants with the presentation of their ideas.

P-PACK
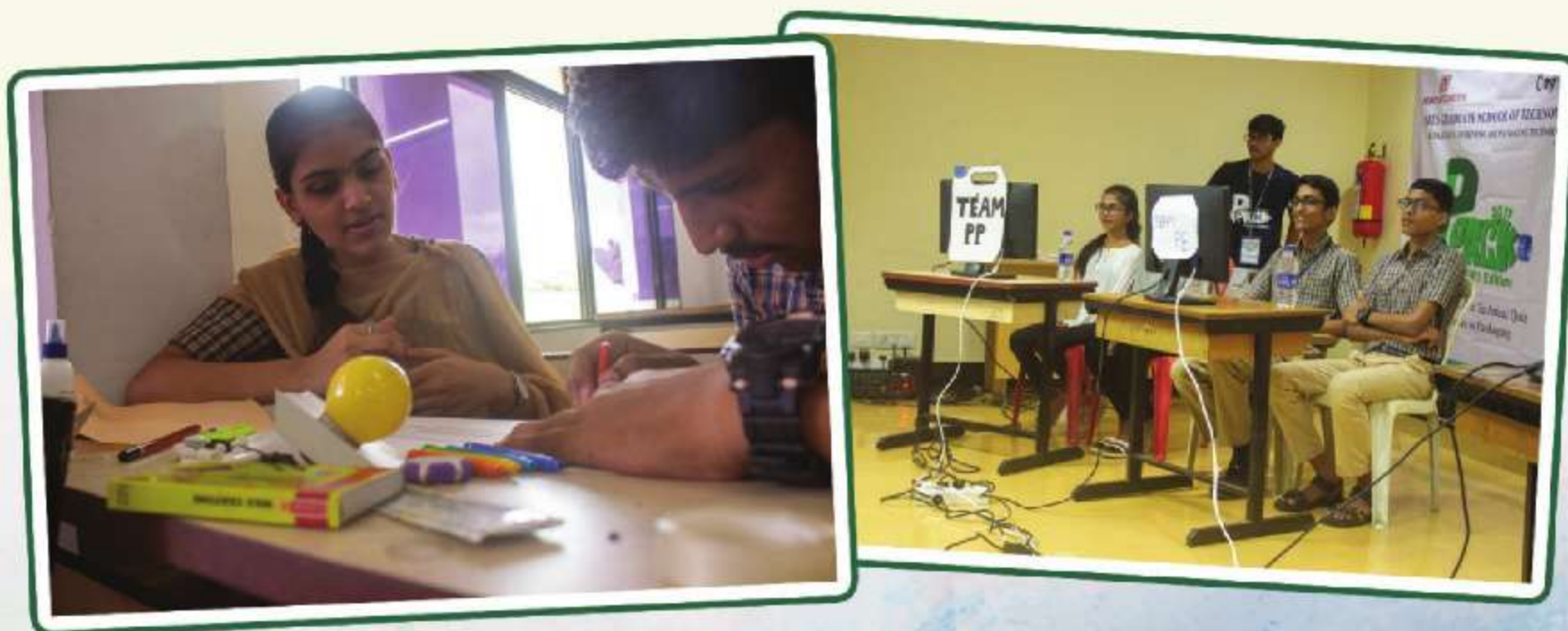
The Department of Printing and Packaging Technology (PPT) at SIESGST with the student chapter of Indian Plastics Institute(IPI), Mumbai organized "P-Pack". A National Level Technical Quiz on Plastics in Packaging which is held under SIES Graduate School of Technology's Flagship Annual Inter-Collegiate Technical Festival "Cognition". P-Pack has an aim of bringing the best of the students from B.E/B.Tech and Diploma courses in plastic/polymer/packaging related fields and put their knowledge to test alongside the best minds from all over India, standing a chance to win a handsome and attractive cash prizes

Professional Body Activities

The motive of this Tech Fest was to develop various skills of students in Co-Curricular activities and to expose them to the current trends in the technical and professional fields. IEEE Student Branch of SIES Graduate School of Technology organized the 8th Edition of TECHOPEDIA on 27th September, 2019. Techopedia is a national level technical festival organized under IEEE Student Branch Chapter of SIES GST. It included 4 events, namely Inquisitive (National Level Quiz), Squabble (National Level Debate competition), Got Any Idea (National Level Poster Presentation Competition) & our flagship event Technopoly (Mini Hack-a-thon). For the first time we had a theme for our the fest i.e. JOURNEY TO THE MOON! Dignitaries present for the event were Dr. P.V.Parameshwaran Hon. Advisor, SIES GST,Dr. Atul Kemkar I/c Principal, SIES GST, Mr. Madhav Naik Head (Operations), Reliance,Dr. Saurabh Mehta IEEE Bombay Section and Mr. Biju Balakrishnan IEEE SIES GST Branch Counselor.

BYTECAMP

The 4th iteration of SIES GST's official hackathon took place on 22nd and 23rd February, 2020. This year out of 80 registrations we had short listed 20 teams for one day hackathon. We had 12 teams from SIES GST, 3 teams from Fr, Conceicao Rodrigues College Of Engineering, 1 from St. John College of Engineering, 1 from K.J Somaiya College of Engineering, 1 from Ramrao Adik Institute Of Technology, 1 from Thakur College and 1 from Vellore Institute Of Technology. Out of these 20 teams, we had team representing various colleges from Mumbai and Navi Mumbai. The hackathon started with a panel discussion with our 3 panelists Mr. Ali Mustufa,, Mr. Smith Jethwa and Ms. Satveen Chhatwal from The Tensor Flow Community. The teams built solutions for their problem statements based on our theme, "DATA REVOLUTION '' in 24 hours under the guidance of our mentors.All the 15 teams presented their idea after the end of 24 hrs in front of our Judges, Mr. Siddharth Kumar and Mr. Santosh Chapaneri.

Professional Body Activities

IMPRESSIONS

IMPRESSIONS is organized by the Department of Printing and Packaging Technology which conducts various Technical and Fun events for the students held under SIES Graduate School of Technology's Flagship Annual Inter-Collegiate Cultural Festival "Tatva Moksh Lakshya" and has various amazing prizes to win. Various events like QUIZ-O-PRINT, Able to Label, Techo Frenzy and Brain Twisters where students from SIES Graduate school of Technology, Government Institute of Printing Technology and Maharashtra Institute of Technology participated. These events focused on various aspects of Printing Technology imparting knowledge as well as a competitive spirit and enthusiasm towards learning.

SYMPOSIUM

The National Symposium on various aspects in "Printing and Packaging" is organized by Department of Printing and Packaging Technology in collaboration with SIES School of Packaging and ISTE during Impressions.

The event is graced by various experts in the fields of Printing and Packaging and Panel Discussions covers major topics like 'Technology applications and challenges in Printing and Packaging'

The 2nd National Symposium on "AI and Automation in Printing and Packaging" was organized by Department of Printing and Packaging Technology in collaboration with SIES, School of Packaging on 29th February 2020. The event was graced by various experts in the fields of AI, Automation, Machine learning and Panel Discussions covered major topics like 'Technology applications and challenges in Printing and Packaging' and 'Future of AI and Automation in Printing and Packaging Industries'.

South Indian Education Society Family

SIES High School, Matunga

.

SIES College of Arts, Science and Commerce, Sion(W).

SIES Institute of Comprehensive Education, Sion(W).

SIES Institute of Medical Laboratory Technology, Sion(W).

SIES College of Commerce and Economics, Sion(W).

SIES College of Management Studies, Nerul.

SIES College of Arts, Science and Commerce, Nerul.

SIES Indian Institute of Environment Management, Nerul.

SIES School of Packaging, Nerul.

SIES Graduate School of Technology, Nerul.

SIES College for Professional & Distance Education, Matunga

SIES Center of Excellence in Management Research and Development, Nerul.

SIES Senior Citizens Home, Nerul

SIES Veda Pathashala, Nerul.

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