

DEPARTMENT OF HUMANITIES AND APPLIED SCIENCES

Annual Report 2019-2020

1. Academic Achievements:

- FE Sem I: Overall Pass Percentage - **80.77%**
 - Number of students who scored SGPA 9 and above - 47
 - **Top Rank Holders:** Three students secured perfect score of SGPA 10

Sruthi Pankajakshan - SGPA 10

Bhoir Prajyot Pramod - SGPA 10

Joshi Gaurang Ninad – SGPA 10

2. Department Initiatives:

Various initiatives were taken by the Department of Humanities & Applied Sciences to enhance knowledge and skills of the students, through various activities conducted throughout the year. The initiatives undertaken by the department, during AY 2019-20 are listed below:

- A seminar on **Universal Human Values** was organized by H & AS department on Mar 11, 2020 for FE students with the main aim to promote values and to nurture culture that facilitates academic atmosphere and competency development among the students. The session was conducted by Swamiji Sauri Chaitanya Das Prabhu, ISKCON volunteer on “**Positive Thinking and Conflict Resolution**”. He enlightened the students with his thought provoking ideas. Swamiji explained the power of positive thinking and various ways for conflict resolutions. The session was lively, with great enthusiastic involvement of all students.



- Poster Presentation Competition exclusively for FE "**Promethean: An Engineer's solution to Environmental Problems**" was held during 3 Jan – 31 Jan 2020, where students were exposed to contemporary environmental problems, while they came up with innovative ideas and Engineering solutions to combat the crisis. First year students were guided by the Promethean volunteers, before the event, through a series of Workshops on various aspects of presentation.



- **Five days FE induction program** (7 Aug – 13 Aug, 2019), organised by the Department of Humanities and Applied Sciences, started with a **traditional orientation session** on the first day. Dr. P.V. Parameshwaran, Advisor, SIESGST, Dr. Atul Kemkar, I/C Principal, Dr. Manasi Karkare, Dean of First Year Engineering and the Heads of all departments addressed the students and briefed all students of the rules and regulations of

the institute. On day 2, students attended a **Universal Human Value session** on “Interpersonal relationship” by expert speaker, Ms. Vaidehi Chattrre, a corporate lawyer associated with Chinmaya trust. Activities like **resume building workshop**, LinkedIn and github sessions were organised for the students by the technical team of SIES-GST. Other activities like **Yoga, Self defence** and Physical activity session were also conducted by the experts. On day 3, students attended **Disaster Management workshop** by an expert team. Day 4 activities were conducted by **student council team** with a student council orientation. Various sessions on cultural, creative, literary, media, sports, design, and robotics were organised throughout the day. On the final day, Speaker sessions (**Block Chain**: Mr. Vikash Kumar, **Technical games**: Mr. Vivek) by the experts and our college Alumni (Mr. Ashok) were organised to educate the students on the latest technologies. It ended with a feedback session of the students. The entire event was successful and the students enjoyed all activities thoroughly.



Hon. Advisor addressing students



Seminar on Interpersonal Skills

Resume Building Workshop



First Aid Session



3. Academic /Technical Achievements of Students:

(i) **Academic Achievements:**

In continuation with the academic excellence, **3 students achieved SGPA 10** in Sem-I.

- Sruthi Pankajakshan - SGPA 10
- Bhoir Prajyot Pramod - SGPA 10
- Joshi Gaurang Ninad – SGPA 10

(ii) **Technical Achievements:**

WINNERS OF PROMETHEAN 2020

POSITION	NAMES	TOPIC
I Prize	K Gauri Kaushik Shridhar Manish R V Karthikeyan Nipun Manghi	Forest Fires Reduction Techniques
II Prize	Manas Mendon Pradyumn Joshi Anvesh Lokhande Vignesh Marlas Deep Bhanushali	Saving Marine Life From Extinction
III Prize	Hiten Sharma Dinesh Nadar Khush Patil Anurag Nala	Alternatives To Conventional Housing
III Prize	Riddhi Kawishwar Vaishnavi Dixit Kashish Singh Riya Singh	Flood Prevention And Resilience Techniques

- Jai Janani Radhakrishnan, FE- IT
 - Secured 86% in National Level **Quiz Competition** on Basics of Engineering Mechanics and Engineering Drawing.
 - Secured 90% in National Level **Quiz Competition** on C- Programming.

4. Cultural / Sports achievements:

- Riddhi Kawishwar and Anirudh Rajaram of Team SIES won **First prize in Fashion show** organized by Sterling College and Amity University.
- Tushar Ninawe, Aaryan Kumbhar, Karthika Devendran and Poonam Vishwakarma, team members of AAGMI (FOLK DANCE CREW) won **Second prize in the Intercollegiate Folk Dance Competition** at NIFT.
- Anushka Tawte, Nipun Manghi, Bhavya Reddy, Karthik Iyer and Sarvesh Vichare of MOKSH (WESTERN DANCE CREW) won **Second prize in the intercollegiate dance competition** at Shah & Anchor Kutchhi Engineering college and NMIMS.
- Sahil Patil, Aniruddha Patil, Melethil Shaheem and Gaurav Suvarna, members of SIES GST Cricket Team entered the zonal **Semi-Finals of University Tournament** held by Mumbai University. The team also qualified for the Semi-Finals of inter-collegiate competition held at SFIT. They also participated in various other inter-collegiate tournaments held at Sardar Patel Institute of Technology, Sardar Patel College of Engineering & King Edward Memorial Medical College.
- Anirudh Venugopal, Rohit Gaikwad and Abhishek, members of the **Football Team** of SIES GST, participated in the **University Tournament** by the Mumbai University and entered round-2. They also participated in various inter-collegiate tournaments held at KJ Somaiya, Reliance Foundation Youth Sports School Football, Narsee Monjee Institute of Management Studies, King Edward Memorial Medical College and were **runners up in a tournament** held at Veermata Jijabai Technological Institute.
- Subhankar Kesharwani and Shubham Joshi, members of our **Athletics Team** participated in the **Mumbai University Tournament**.
- Vishal Naregal, Siddharth Jadhav, Subhankar Kesharwani and Himesh Gawde, members of our **Volleyball Team** participated in various **Inter-collegiate tournaments** organized by K J Somaiya, Sardar Patel Institute of Technology, NCRD's Sterling Institute, Veermata Jijabai Technological Institute & King Edward Memorial Medical College; out of which they bagged the **First prize at King Edward Memorial Medical College**.

5. Faculty achievements/Research Grants

- **Dr. Manasi Karkare** - UGC-MRP (Minor research Project) sanctioned by the University of Mumbai for a grant of Rs. 60,000/- (Apr 2020).
- **Dr. Geetanjali Mishra** - UGC-MRP sanctioned by the University of Mumbai for a grant of Rs. 20,000/- (Apr 2020).
- **Ms. Vijaya Patil** - Research article accepted for Springer conference ICIMA 2020, DJ Sanghavi, Mumbai (Jan 2020).
- **Dr. G. Kanthimathi** - Presented a Research paper for conference held in Thakur College of Engineering and Technology, Mumbai (Jan 2020).
- **Dr. Smitha Kumar and Dr. G. Kanthimathi** - Presented Poster at Mumbai University for the UGC - Minor Research Project sanctioned for 2018-19 on 16 December 2019.
- **Prof. Pratibha Sharma** - Completed two months NPTEL online course on LaTeX from 24/09/2019 to 02/12/2019.
- **Mr. Ashwin Chavan** - Completed NPTEL course on “LaTeX for Students, Engineers, and Scientists” with 100% score during 24/09/2019 - 02/12/2019.
- **Ms. Vijaya Patil** - Published a paper entitled “Experimental Investigation of Optimum Sheet Metal Blanking Clearance for IS2062 HR steel Using ANN”, : 9th Annual Information Technology, Electromechanical Engineering and Microelectronics Conference (IEMECON), 13-15 March 2019 and got published in IEEE Xplore digital library effective 21-10-2019.

6. Seminars/workshops organised by departments:

- **Parent-Teacher's meet (PTM)** was organised on 29.02.2020 to update the parents of the progress of FE students and invite suggestions/feedback from all parents. Interaction of parents with faculty members was arranged division wise in different classrooms. During the interaction, College Mission & Vision were displayed in all Classrooms. Feedback forms were distributed among the parents and the department received good feedback about the college and faculty members.
- **PTM**, a regular event at SIES GST, to engage parents in the teaching-learning process, was conducted on 05.10.2019 for FE students where more than 100 parents attended the meeting. The parents met the subject teachers, Class In-charges and respective mentors of their ward. During the interaction the attendance, UT-I marks and the progress of their ward were discussed. An undertaking was taken from the parents, for those students who had less than 75% attendance. The parents communicated their feedback through feedback forms and they gave good feedback about the college and faculty members.
- **Matrix – an Intercollegiate Quiz Competition**, was conducted exclusively for FE students by SIES GST on 28.09.2019 during Cognition Fest. Around 250 students participated in the event and Fr C Rodrigues Institute of Technology, Vashi, won the First prize. SIES GST students bagged the second and third positions.
- A seminar was conducted in collaboration with Industry Institute Interaction Cell of SIESGST on “**Industry Trends & Opportunities**” on 04.10.2019 for all students of First Year Engineering, by Mr. Darshan Nair, Senior Manager, NSDL, Mumbai. Total 88 students attended and availed the relevant information from the seminar.
- Hands-on workshop on “**The use of UBUNTU- Open source Operating System**” for faculties was conducted by Dr. Rizwana Shaikh & Dr. Aparna Bannore, Department of Computer Engineering, SIESGST, on 20th July 2019. 12 faculty members, from Humanities and Applied Sciences attended the workshop.



- A Seminar on “**Employability assessment through AMCAT and its Relevance in the industry**” was organised by H &AS department for all faculty members on 30 July 2019. This seminar was in regard to the Aspiring Minds Computer Adaptive Test (**AMCAT**), conducted on 16/03/2019 by Aspiring Minds for the first year students AY-2018-19. Mr. Ankur Srivastava, from Aspiring Minds, discussed the analysis of the test report with all HODs and faculty members. He explained its relevance in the industry and also advised on how to improve Aptitude ability of the students for enhancing employability skills.

7. Seminars/workshops attended by department faculty:

- All faculty members attended FDP on “**Online Teaching Learning Practices and Tools**” conducted by Computer Engineering Department, SIESGST on May 8 & 9, 2020.
- All faculty members attended Webinar on “**Understanding on E Content development**” on 29.04.2020 by Dr. Mandar Bhaushe, organized by SIES COM.
- All faculty members attended “**Training on Google meet for conducting online lecture**” by Mr. Prasad Iyer, SIES GST on 07.04.2020.
- Dr. Manasi Karkare and Mr. Mahesh Biradar attended a five days online workshop on “**Universal Human Values in Education**” conducted by AICTE during 13-17 May, 2020.
- Dr. Manasi Karkare & Dr. G. Kanthimathi attended **Training on Microsoft team** arranged by SIES CIO Mr. Pankaj Srivastav on 06.04.2020.

- Dr. Manasi Karkare and Dr. G. Kanthimathi attended an **Orientation Program** for revised syllabus 2019 for Engineering Physics I & II on 25.09.2019 at Shah & Anchor Engineering College, Chembur.
- Dr. Smitha Kumar and Dr. Savita Katiyar attended an **Orientation Program** on revised syllabus 2019 of Engineering Chemistry First Year Engineering on 18.09.2019 at Terna Engineering College, Nerul, Navi Mumbai.
- Mr. Ashwin Chavan and Mr. Mahesh Biradar attended an **Orientation Program** for new syllabus of Engineering Mathematics I and II on 21.09.2019 at RAIT, Nerul.
- Most of the faculties attended a seminar on “**Outcome based Education**” by Dr. Abhay S. Wayal, VJTI, Mumbai on 23.12.19 in SIESGST auditorium.

Dr. Manasi Karkare

- One Week FDP on “**Moodle Learning Management system**” organised by Shah and Anchor Kutchhi College of Engineering in association with Spoken Tutorial IIT, Bombay, from 25.04.2020 to 02.05.2020.
- Three weeks Whatsapp FDP on “**Outcome based Education,**” organised by DY Patil college of Engineering, Pimpri-Chinchwad, Pune, from 24.03.2020 to 14.04.2020.

Dr. Ram Kishan Bhise

- One week FDP on “**Moodle Learning and Management System**” from 21.04.2020 to 27.04.2020 organized by SST College of Arts and Science, Ulhasnagar.
- Three days FDP organized by Mumbai University, BMM department of Lala Lajpatrai College of Commerce & Economics & North Storm Academy on **Online College Management and Online Content Creation Tools** during 01.05.2020 & 03.05.2020.
- Completed One Week National Online **FDP on ICT Tools for Effective Teaching Learning**, from 27.04.2020 to 02.05.2020, organized by School of Mathematical Sciences, Swami Ramanand Teerth Marathwada University, Nanded.

- Dr. Smitha Kumar participated in a one week FDP on “**Renewable Energy Sources: A way ahead**” organised by Cummins College of engineering, Nagpur during 15-21 May 2020.
- Ms. Pratibha Sharma being a member of Syllabus Revision Committee of Engineering Mathematics III,IV group C participated in the meeting to **frame the syllabus for the academic year 2020-21** (Mar 2020).
- Dr. Savita Katiyar participated in a Four days online FDP on “**Research, Funding Projects and IPR**” From 07/05/2020 to 10/05/2020 by K.C. College of Engineering and Management Studies and Research, Thane.
- Dr. Savita Katiyar attended “**Online Corona Awareness Quiz Program 2020**” organized by Bharati Vidyapeeth College of Engineering, Navi Mumbai on 30.04.2020.
- Dr. G. Kanthimathi attended a Online Quiz on Awareness of “**Outcome-Based Education Paradigm among Teachers**” organized by Department of Computer Engineering, Tiwari College of Engineering , Thane on 11.05.2020.
- Dr. G. Kanthimathi participated in a Four day Webinar Series on “**Supercapacitors, Solar Cell Devices and Solar Thermal technology**” held from May 11-14, 2020, organized by Department of Physics and Solar Energy Research Center (SERC), RCOEM, Nagpur.
- Dr. G. Kanthimathi attended a FDP seminar on “**Advanced Nanomaterial for Energy and Environment applications**” at K.C. College, Mumbai on 07.12.2019.

* ~ * ~ *