

## SIES GRADUATE SCHOOL OF TECHNOLOGY



*Akshay nair Memorial Rolling trophy to the Best badminton player Mr. Yash Patil for the year 2021-22*

The SIES Graduate School of Technology has come of age with its seventeenth batch passing out this year. The college has made a remarkable position in the technical education field as one of the best Engineering colleges in Mumbai and Navi Mumbai. GST students have excelled in all fields and have made their presence felt in enormously at the University, State and National levels.

- The NBA accreditation was received on 25<sup>th</sup> May 2021 for the following four courses for three years w.e.f. 2021.
  - a. Electronics & Telecommunication Engineering
  - b. Computer Engineering
  - c. Information Technology
  - d. Mechanical Engineering
- The virtual convocation ceremony for the graduating batch 2019-20 was conducted on 22.05.2021.
- The AICTE/UoM/DTE approval for the following courses are obtained from 2021-22.
- UG Courses
  - a. Artificial Intelligence & Data Science
  - b. Artificial Intelligence & Machine Learning

- c. Computer Science & Engineering (Cyber Security/IoT & Block Chain technology)
- PG Courses
  - a. Artificial Intelligence & Data Science
  - b. Information Security

### ◆ ACADEMIC ACHIEVEMENTS

1. List of University Merit Rankers of 2020-21 (Printing & Packaging Technology) Examination:
  - Ms. Mamadapur Akshata (CGPI: 9.07)
  - Mr. Anurag Ganapathi (CGPI: 8.87)
  - Ms. Patel Shreyasi (CGPI: 8.74)
2. Faculty members who have completed Ph.D. during the year:
  - Prof. Lokpriya Gaikwad completed Ph.D. Degree from Mumbai University (SPCE, Andheri) on 31<sup>st</sup> December, 2021.
  - Prof. Ganesh Kadam was conferred 'Ph.D. (Mechanical) Degree in Engineering and Technology' by Dr. Babasaheb Ambedkar Technological University (DBATU), Lonere (Government-aided Autonomous – Maharashtra State's Technological University) in the 23<sup>rd</sup> Convocation Ceremony on 4<sup>th</sup> September, 2021.
3. Institutional Social Responsibility (ISR)
  - This year no admission in Beacon was done due the Covid pandemic.
  - Submitted proposal for Skill Development in Kaushalya Vikas Kendra.
4. Internships:
 

To strengthen an Industry and Institution interaction, an MOU is proposed with Greenox Private Limited, which will provide an insight into the latest developments/ requirements in the field of smart applications development in the field of mechanical, electronics, and information technology.

### ◆ COLLABORATIVE/MOUS'

#### DEPARTMENT OF INFORMATION TECHNOLOGY

1. Department has signed lifetime MoU with Lab Systems on April 20, 2018.
2. Department has signed lifetime MoU with IOT Pro on July 29, 2017.
3. Department has signed lifetime MoU with EMTRON on Feb 17, 2018.
4. Department has signed MoU with Regional Telecom Training Centre, BSNL, Chinchwad, on Dec 17, 2020.
5. Department has signed MoU with Ridenet Technologies LLP on June 09, 2021

#### DEPARTMENT OF ELECTRONICS & TELECOMMUNICATION ENGINEERING

- Signed MoU with Maven Silicon Softech Private Limited, Bangalore on 16<sup>th</sup> November 2021.
- IEEE Student branch received "The Darrel Chong Student Activity Award 2021-

Bronze Medal for the event Techopedia 9.0, a technical event held on 10<sup>th</sup> December 2021.

### **DEPARTMENT OF COMPUTER ENGINEERING**

1. The CE Department signed MoU with 9<sup>th</sup> Legend Inc. for providing guidance throughout the year for completing Final year project.
2. The CE Department signed MoU with Seva Technology for Internship of students.
3. The CE Department signed MoU with Impactsure for Internship of students

### **◆ DEPARTMENT INITIATIVES**

#### **DEPARTMENT OF INFORMATION TECHNOLOGY**

- Department of Information Technology organized ISTE Approved one week STTP on “Data Science and Use of Visualization Tools” from 06<sup>th</sup> December 2021 to 11<sup>th</sup> December 2021.
- Department of Information Technology organized Faculty development Program on “Administration of Mongo DB and Overview of AWS” on 09<sup>th</sup> October 2021.
- ISF of SIES Graduate School of Technology organized Workshop on Cyber Security and Ethical Hacking (All Branches) under the guidance of Prof. Leena Ladge, ISF Co-coordinator.
- ISF of SIES Graduate School of Technology organized Panel Discussion 2021-Entrepreneurship Development on 13<sup>th</sup> October 2021 under the guidance of Prof. Leena Ladge, ISF Co-coordinator.
- Department of Information Technology organized SDP on Full Stack Web Development on 13<sup>th</sup> – 18<sup>th</sup> December 2021.

#### **DEPARTMENT OF ELECTRONICS & TELECOMMUNICATION ENGINEERING**

- IEEE Student branch received Best branch award in IEEE Bombay section Young Professional Meet-Up 2021 on 30<sup>th</sup> October 2021.
- Department along with CE and IT has organized ISTE Approved One Week STTP on “Data Science and Visualization Tools “ during 6<sup>th</sup> December 2021 to 11<sup>th</sup> December 2021.
- Organized Webinar on “Insights into Industry 4.0” on 23<sup>th</sup> October 2021. The session was conducted by an expert Mr. G Venkata Ganesan, Senior Manager, Siemens Ltd.
- Organized seven day National technical festival Techopedia-X by IEEE student’s branch during 14<sup>th</sup> February 2022 to 20<sup>th</sup> February 2022. Six events Sqabble, Inquisitive, Technopreneur, Quantum Break, Nexus and Labyrinth conducted during technical festival.

### **DEPARTMENT OF COMPUTER ENGINEERING**

#### **Co-Curricular Activities for students organized under CSI-SIESGST.**

- Dr. Deepti Reddy conducted a webinar on Technical Paper Reading on 27<sup>th</sup> July,

2021. This webinar was organized to get an insight on the importance of Technical Paper Reading. 76 participants had participated in this webinar.

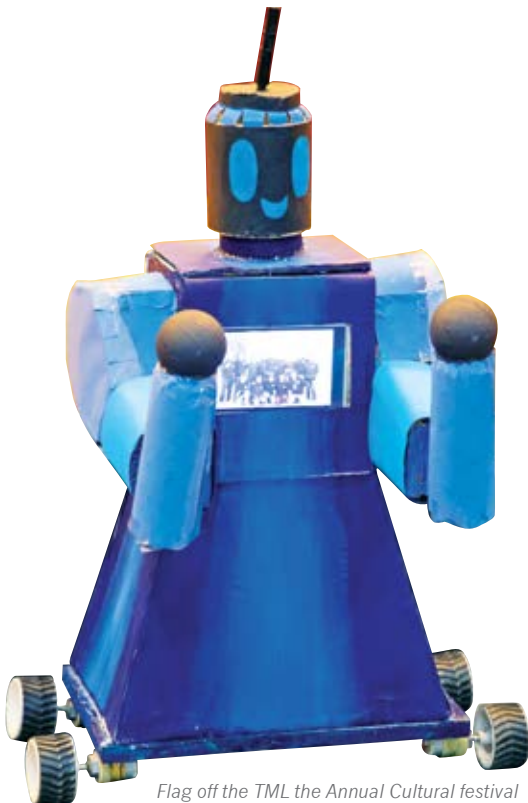
- Mr. Shubham Pal conducted Dynamic Programming workshop on 31<sup>st</sup> July, 2021. This was organized to allow the students to get a brief knowledge about the important data structures and algorithms in graph. 22 participants joined this workshop.
- Ms. Vaishali M held Workshop on 'IoT' on 7<sup>th</sup> August, 2021. This activity was organized to get a brief knowledge on the importance of sensors, simulators and getting a thorough knowledge of industry requirements in the field of IoT. 60 participants had participated in the activity.
- CSI Council held a workshop on Flask Web Development on 14<sup>th</sup> August, 2021. This workshop was organized to teach how to use the benefits of Flask while building a web application and to get a thorough knowledge of industry requirements in the field of same. 60 participants attended the workshop.
- Mr. Ajitem Joshi conducted Seminar Preparing for GATE 2022 on 21<sup>st</sup> August, 2021. 65 participants had participated in this seminar.
- Dr. Varun Kapoor conducted a Webinar on Tools for Cyber Security for Youth on 11<sup>th</sup> September, 2021. This webinar was organized to educate us how to be vigilant citizens of India and how to prevent and protect ourselves from various cybercrimes. 150 participants had participated in this webinar.
- Ms. Mrinal Khadse conducted a Workshop on DevOps on 25<sup>th</sup> September, 2021. This workshop was organized to help students enhance the efficiency of their software development. 40 participants had participated in the workshop.
- CSI SIESGST Council organized Workshop on GitHub on 22<sup>nd</sup> January, 2022. This workshop was conducted to teach how to track the flow of the development of our projects and how to use GitHub for any collaborative projects. 60 participants joined this workshop
- CSI SIESGST Council organized National Level Poster Presentation on "Data Privacy" on 28<sup>th</sup> January, 2022. This activity was organized to celebrate International Data Privacy Day by raising public awareness about data privacy scams through the participant's creative posters. 17 teams and 9 individual participants had participated in the activity.

## ◆ ACADEMIC / TECHNICAL ACHIEVEMENTS OF STUDENTS

### DEPARTMENT OF ELECTRONICS & TELECOMMUNICATION ENGINEERING

- Organized Bridge the Gap- Instagram Live with Alumni Interview Series Season2 Part 2 with Mr. Ameya Kale on 4.07.2021
- Organized Bridge the Gap- Instagram Live with Alumni Interview Series Season2 Part 3 with Ms. Riya Iyer on 11.07.2021.
- Organized Workshop on Industry automation Using PLC/SCADA conducted during 16.07.2021 to 21.07.2021. Session conducted by Mr.Arko Banergee, Mr. Dinesh Joshi and Mr. Haiwalya Bembde from Chiripal Pvt Ltd GET, Fiat Motors.

- Organized Writtech 2.0: National Level Technical Article Writing Competition during 07.07.2021 to 23.07.2021.
- Organized Data Analytics Workshop on 08.01.2021 and the Workshop conducted by Mr. Jigar Bhat, Data Analytics at ALLEGIION India Pvt Ltd
- Organized workshop on Cognitive Application using ML / AI during 09.08.2021 to 22.08.2021. Workshop conducted by Mr. Aditya Jyoti Paul Founder Cognitive Research Application Lab(CARL).
- Organized BrainHertz- Podcast Series Part1 Robots and Drones: The unmanned journey on 5.09.2021.
- Organized Enigma Tech Sundays Season 3 Episode1: Weekly Technical News on YouTube Channel on 19.09.2021.
- Organized ROBONETICS- 15 days workshop on Robotics during 24.09.2021 to 8.10.2021. Session conducted by Mr.Tuhinsubra Sen and Mr.Arko Banerjee.
- Organized Enigma Tech Sundays Season 3 Episode2: Weekly Technical News on YouTube Channel on 26.09.2021.
- Organized IEEE Xplore Digital Library Training Session for students and faculty on 27.09.2021 by Dr. GK Upadhyaya, Senior Training Mana EBSCO Information Services.
- Organized Technical Lecture Series-1 on 28.09.2021 Kartik Iyer, Chair, IEEE CS Chapter.
- Organized Guest Lecture for Regression Analysis on 30.9.2021. Session conducted by Ms. Osheen Mohan, Data Analyst, Amazon.
  - Organized Webinar on LoRa WAN by MTTTS Chapter on 3.10.2021. Session conducted by Mr. Tushar Borhade, Solution Architect to design IoT solution at Nextqore Inc.
  - Organized BrainHertz- Podcast Series Part3 Cryptocurrency: From Euros to Ethereum on 3.10.2021.
  - Organized Technical Lecture Series-2 Data Structures and Algorithms on 6.10.2021. Lecture conducted by Mr. Saptarshi Mukherjee, Software Engineer, Google.
  - Organized Guest Lecture for Statistical Analysis on 9.10.2021. Lecture conducted by Dr. Sajeev George, Professor, SP Jain Institute of Management and Research, Mumbai.
  - Organized Enigma Tech Sundays Season 3 Episode3: Weekly Technical News on YouTube Channel on 10.10.2021.
  - Organized Technical Lecture Series-3 Data



Flag off the TML the Annual Cultural festival  
by the ROBO created by students

Structures and Algorithms, Lecture conducted by Mr. Saptarshi Mukherjee, Software Engineer, Google.

- Organized ROBOTON-Robotics Symposium during 15.10.2021 to 17.10.2021 by Mr. Saptarshi Mukherjee, Software Engineer, Google.
- Organized Brain Hertz- Podcast Series Part4 Cryptocurrency: An expert's PoV on 17.10.2021.
- Organized IEEE Xtreme 15.0 Programming Competition during 23.10.2021 to 24.10.2021.
- Organized Enigma Tech Sundays Season 3 Episode 4 Weekly Technical News on YouTube Channel on 21.11.2021.
- Organized one week Technical festival Techopedia-X in January 2022.

### **DEPARTMENT OF COMPUTER ENGINEERING**

- First Prize won by Ms Sridhar Ananyaa in Indian classical vocal solo competition under the category of Music under the 54<sup>th</sup> Youth Festival conducted by University of Mumbai.
- Second Prize won by Ms Shruti Iyer in Western Vocal Solo under the category of Music the 54<sup>th</sup> Youth Festival conducted by University of Mumbai.
- Shabarish Ramaswamy, Final Year Computer Engg. Student won second prize in EOC STC Second Prize National level.
- Iyengar Samiksha, Third Year Com. Engg. Student won Consolation prize in Cartooning under University of Mumbai Youth Festival Zonal round.
- Ramaswamy Shabarish secured third rank in Elocution (Marathi or Hindi or English) competition conducted by University of Mumbai Youth Festival zonal round.
- Ganeshan P A Nainar, Bhakti Ghude, Jutika Patil and Mayank Iyerr won in Promethean '2021 under zonal round.
- Nuha Modak and Varun Ganesh Sondur are the winners of Technopreneur 2021 under zonal level.
- Anirudh Belwadi bagged "Best Project to solve a big AEC problem" award in AEC Hackathon, Copenhagen, Denmark under the National level Event.

### **DEPARTMENT OF PRINTING & PACKAGING TECHNOLOGY**

Research paper on "Kombucha Scoby – A flexible material as an alternative to plastic packaging" was presented at the 30<sup>th</sup> IAPRI International Virtual Members' Conference held on June 14-17, 2021. Two TEPPT students Ms. Aarti Desai & Ms. Shruti Belose were involved in the project under the guidance of Prof. Katyayini Shirur and Prof. Prasad Iyer.

## **◆ FACULTY ACHIEVEMENTS/RESEARCH GRANTS**

### **DEPARTMENT OF ELECTRONICS & TELECOMMUNICATION ENGINEERING**

- Dr. Preeti Hemnani organized Webinar on "Follow your path-Career advice" with our Alumni Dr. Anchan Mohan on 28.02.2022.

- Ms.Madhuri Kulkarni and Ms.Priyanka Kadam organized student development program on Natural Language Processing during 20.12.2021 to 24.12.2021.
- Dr. Shubhangi Kharche organized guest lecture on Data communication protocols in embedded systems and Job opportunities in embedded systems on 8.10.2021 and 18.10.2021.
- Ms. Shyamala Matthi published paper titled “Detection and Blur-Removal of Single Motion Blurred Image using Deep Convolutional Neural Network” in IEEE Explorer July 2021.

### DEPARTMENT OF COMPUTER ENGINEERING

Two Proposal Submitted for Department of Science & Technology

1. Blockchain based Smart and Intelligent Disaster Management for Fire Using IOT (Dr. Rizwana S, Pranita M, Masooda M, Kalyani P)
2. Occurance and Non-occurance of flood prediction using IoT and AI (Dr. Aparna B, Aarti B, Urvashi P)

### DEPARTMENT OF MECHANICAL ENGINEERING

- Prof. Ajay Hundiware and Prof. Chandan Chaudhari mentored and conducted online in-house internship for students of SE to BE on the topic ‘Simulation using ANSYS and CFD’ scheduled from 21<sup>st</sup> June to 3<sup>rd</sup> July 2021.
- Prof. Siddique Ahmed and Prof. Prashant Ambadekar mentored and conducting online in-house internship for students of SE to BE on the topic ‘3D Modeling and Printing’ scheduled from 21<sup>st</sup> June to 3<sup>rd</sup> July 2021.
- Dr. R.S. Nehete and Dr. Pradip Patil published paper entitled ‘Investigation of blanking clearance for IS277GI by Artificial Neural Network (ANN)’ in IEEE Xplore in August 2021.
- Prof. Lokpriya Gaikwad published paper entitled ‘Effect of green practices on organizational performance: An empirical study’ in Journal of Basic and Applied Sciences in August 2021, won best teacher award in Academistan on 7<sup>th</sup> September, 2021 and Prof. Lokpriya Gaikwad presented paper entitled ‘Implementation of Six Sigma DMADV to gain a competitive advantage.

## ◆ SEMINARS/WORKSHOPS ORGANIZED BY DEPARTMENTS

### DEPARTMENT OF INFORMATION TECHNOLOGY

- IT department organized a Faculty development Program on “Administration of Mongo DB and Overview of AWS” Mr.Sreejith Sreedharan, Sr. Software Engineer, Oracle, on 9<sup>th</sup> October 2021.
- IT department organized an ISTE Approved one week STTP on “Data Science and Use of Visualization Tools” on 6<sup>th</sup> Dec to 11<sup>th</sup> December 2021.
- Department of Information Technology organized SDP on Networking Management

and Security conducted by Dr. Dipanjan Biswas- Certified Trainer (CCNA, CCNP and CCIE), NOKIA, WAN Optimization and Design Architect, Mr. Sandesh Gupta-Forensic Consultant, Lab Systems Pvt. Ltd., Internal Expert: Dr. K. Lakshmi Sudha, Associate Professor.

- IT department organized an Expert talk on “Software Testing Tool: Cucumber” by Mr. Sunit Kole, Automation Consultant, Momentum Metropolitan Services, on 6<sup>th</sup> August 2021 for BE IT.
- IT department organized an Expert talk on Recent Trends in Information Technology by Mr. Koustubh Modhave on 7<sup>th</sup> August 2021 for TE IT.
- IT department organized a Technical Talk on Azure DevOps and Selenium by Mr. Akhil Nair, Assistant Manager at Jio Thane, Maharashtra, India, on 18<sup>th</sup> September 2021 for TE IT.
- Department of Information Technology has organized Expert Talk on Automation of deployment and management of containerized applications using kubernetes by Mr. Omkar Patekar, Software Engineer, Tech Mahindra on 7<sup>th</sup> October 2021 for TE IT.
- IT department organized an Expert Talk on Mobile App Penetration Testing by Mr. Samuel Paul, Information Security consultant, AAA Technologies, Mumbai on 9<sup>th</sup> October 2021.
- IETE Students’ Forum and Entrepreneurship Development Cell of SIES GST organized Panel Discussion 2021-Entrepreneurship Development on 13<sup>th</sup> October 2021, under the guidance of Prof. Leena Ladage, ISF Co-coordinator.
- IT department organized an Expert Talk on NoSqlDatabase:MongoDB by Mr. Siddhesh Karandikar, Software Engineer Mindnerves Technology Pvt. Ltd, Pune., on 18<sup>th</sup> October 2021.
- IT department organized an Expert Talk on Importance of Data Structures in Industry by Ms. Reetu Desai, Baker Hughes, Mumbai conducted on 23<sup>rd</sup> October 2021.
- IT department organized an Expert Talk on Software Testing by Ms. Supriyalyer , Ingram Micro on 23<sup>rd</sup> October 2021.
- IT department organized Expert talk for MIS: BI in MIS An Industry perspective by Mr. Rohan Choksy, Engagement Manager in Quantifilnc on 23<sup>rd</sup> October 2021.
- IT department organized Expert talk on Introduction to Scripting Languages by Ms. Rukshar Khan, Senior Software Engineer, Connectwise LLC on 15<sup>th</sup> November 2021.
- IT department organized SDP on Full Stack Web Development by Prof. Samundishwary S.

### **DEPARTMENT OF MECHANICAL ENGINEERING**

- Conducted online in-house internship for students of SE to BE on two topics – ‘Simulation using ANSYS and CFD’ (78 students participated) and ‘3D Modeling and Printing’ (17 students participated) scheduled from 21<sup>st</sup> June to 3<sup>rd</sup> July 2021.





Event Impressions under PPT Department

- Conducted an online session on 'Resume Building' by Prof. Rakhee Das, CE department for SE students on 13<sup>th</sup> November, 2021.
- Department organized and conducted ISTE approved STTP on 'Advance Research Technique for Industry 4.0' from 6<sup>th</sup>-11<sup>th</sup> December, 2021.
- Organized and conducted SDP on 'Structural modeling and 3D printing' in collaboration with PPT department for SE, TE and BE students from 13<sup>th</sup>-20<sup>th</sup> December, 2021.
- Organized and conducted SDP webinar on 'Electric & Hybrid Electric Vehicles' organized by ARAI, Pune for SE, TE and BE on 2nd February 2022.
- Organised and conducted online SDP on 'Patent Awareness Program' by Indian patent office Mumbai for SE, TE and BE students on 18<sup>th</sup> February, 2022.

### **DEPARTMENT OF PRINTING & PACKAGING TECHNOLOGY**

- The first ever Virtual Packaging Development Competition – “Packathon” was organized under Impressions 2021 by the Dept. of Printing & Packaging Technology on May 15<sup>th</sup> & 16<sup>th</sup>, 2021. The event saw participation by 10 teams from across India related to Packaging & Printing Institutes. Industry experts/alumni were involved as mentors-cum-judges for the event.

### **◆ ALUMNI ACTIVITIES**

#### **DEPARTMENT OF ELECTRONICS & TELECOMMUNICATION ENGINEERING**

- Webinar on “Follow your path-Career advice” with our Alumni Dr. Anchan Mohan on 28.02.2022.
- Webinar on “5G-IOT-Cloud Technologies” with our Alumni Dada Suryawanshi on 11.02.2022.
- Bridge the Gap- Instagram Live with Alumni Interview Series Season2 Part 2 with our Alumni Mr. Ameya Kale conducted on 4.07.02021.



Magazine Release during Packathan event a PPT Department Initiative

- Bridge the Gap- Instagram Live with Alumni Interview Series Season2 Part 3 with Ms. Riya Iyer conducted on 11.07.2021.
- Organized Seminar on Roadmap to VLSI domain on 30.07.2021 .Session conducted by our Alumni Mr.Anurag Iyenger.
- Organized Seminar on Telecommunication &RF engineering on 18.10.2021.Session was conducted by our Alumni Mr. Pranesh Mokashi.

### DEPARTMENT OF COMPUTER ENGINEERING

- Coding Contest competitive Programming using C language Conducted on 24.07.2021.
- Guest Session on Applications of C programming in real life: An industry perspective conducted on 21.07.2021.
- Organized Alumni Session on “Gate preparation and how to face interview” by Ajitem Joshi and Aarushi Aaiyer Conducted on 25.09.2021.
- Alumni interaction session on MS Azure by Mr. Rahul Ghorpade, Software Engineer LTI, conducted on 18.09.2021.
- Alumni interaction session on Career Opportunities: Abroad by Mr. Aaditya Menon Software Engineer Facebook conducted on 25.09.2021.
- Guest lecture on Applications of Big data Technologies in Corporate World Conducted on 28.11.2021.
- Interaction Session on “Industry Focus: Computer Graphics” for SE students by Chinmay Chandak on 07.11.2021.

### DEPARTMENT OF MECHANICAL ENGINEERING

- Organized and conducted SDP under alumni interaction series on ‘Case Study from Mechanical Industry’ by Alumni Aparna Jayarajan, Mechanical Engineer at Schlumberger, USA and Bijoy Ramakrishnan, Senior Design Engineer, L&T Chennai for SE, TE and BE on 12<sup>th</sup> February, 2022.

- Organized and conducted SDP under alumni interaction series on 'Learning Beyond Education' by Raghu Varier, Associate Engineer at TechnipFMC for SE, TE and BE on 26<sup>th</sup> February, 2022.

### **DEPARTMENT OF PRINTING & PACKAGING TECHNOLOGY**

- The 3<sup>rd</sup> Session of the Alumni Interaction Series conducted by Akshay Hingmire (217 PPT Alumnus), Need Planner, IKEA, Sweden was an interactive one on June 19, 2021 where he gave a lot of insight into what logistics means to packaging and how one can plan a post graduation in Europe & Lund University, Sweden.
- The 4<sup>th</sup> session of the Alumni Interaction Series was with Mubarak Mustafa (2010 PPT Alumnus) Technical Program Manager - Packaging - AR/VR, Facebook, USA on June 27<sup>th</sup>, 2021 who emphasized on Career-Planning and laid thread-bare the pros-cons of studying in the US and brought out the essence of career planning after Printing / Packaging.

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### **◆ ACTIVITIES OF LIBRARY**

Library implemented new ERP software for various library activities and successfully uploaded bibliographical details of 28000+ books, e-books, back volumes of journals etc.

During the Year 2021-22, the library procured 900+ volumes for new branches of engineering and has subscribed various e-journal packages such as IEEE-ASPP, Science Direct, and ASME, J-Gate etc.

The library web site reported 488 unique visitors using various e-resources. Question banks and other resources are highly used by students. Total 1030 visits by students and faculty and 1939 circulation statistics by students and faculty reported for the period 2021 – 2022.

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### **◆ TRAINING & PLACEMENT ACTIVITIES 2021-22**

#### **TRAINING**

- The Training and Placement Cell organized Pre-placement Campus Recruitment Training (CRT) for BE 2021-22 from 11<sup>th</sup> April to 4<sup>th</sup> July 2021. The training comprised of learning and practice of Aptitude test, life skills, group discussion and Personal Interview. The sessions were conducted by Professional experts from Campus Credentials.
- Dr. Aparna Rao, IIT Bombay, conducted a Webinar on Soft Skills for Employability and Entrepreneurship on 4<sup>th</sup> September 2021 for the students of third Year Engineering (all branches).
- IDBI Intech Ltd. conducted 3-days workshop on Banking and financial Technology on 3<sup>rd</sup>, 4<sup>th</sup> and 6<sup>th</sup> December 2021 for third and final year engineering students (EXTC, CE & IT).

- MrAbhishek Gupta, Founding member, BYJUS, guided the third year students (all branches) on building successful career through placement and higher studies on 6<sup>th</sup> January 2022.
- Experts from Campus Credential conducted demo Aptitude test for the third year engineering students (all branches) on 4<sup>th</sup> February 2022.

## PLACEMENT

Placements for 2021-22 batch of Engineering at SIES Graduate School of Technology started in July 2021, with some of the most reputed organizations visiting the campus for recruitment. Students were provided excellent career opportunities by the top recruiters from the industry. Following Companies have conducted recruitment for EXTC, CE, IT and Mechanical Engineering.

Tata Consultancy Services, LTI, Capgemini, Connectwise, PerkinElmer, Wipro, nVent, GEP, Jio Platforms Ltd, NSEIT, Link Group, Xoriant Solutions, Hexaware, Sanmar Group, Zeus Learning, HDFC, NewGen Software, Ugam Solutions, Evosys, UpGrad, Selec Controls Pvt. Ltd. and Zensar completed the hiring process.

310 of 366 eligible students have received final offer for CTC ranging from 10 LPA to 3.5 LPA.

Campus Recruitment for BE Printing & Packaging Technology will begin in May 2022, after the students complete industrial internship. Our prime recruitment partners, AmulFed Dairy, Kodak India Pvt. Ltd, Tetrapak have initiated communication to plan hiring for Campus 2022 for BE-Printing & Packaging Technology.

## ◆ NSS ACTIVITIES REPORT

**International Yoga Day** – Virtual yoga session was conducted on the occasion of International Yoga Day on 21.06.2021.

**Independence Day and Republic Day celebration** –The volunteers of NSS celebrated 75<sup>th</sup> Independence Day on 15<sup>th</sup> August 2021.

**NSS Week** – The volunteers of NSS celebrated NSS week as another step to appreciate the college workers. The event was conducted in both online and offline modes. This activity showcased the sense of responsibility towards a clean environment and also set an example to be considerate towards the non-teaching staff as well as to be kind towards everyone.

**Blood Donation** – Blood donation camp was organized on 20<sup>th</sup> November 2021. 100 bottles of blood were collected.

**Swachh Bharat Abhiyan** – As a contribution towards Swachh Bharat Abhiyan the NSS unit conducted a mangrove cleaning drive. The offline drive was conducted at the Sagar Vihar, Vashi. This drive was to be conducted to create awareness about the importance of mangrove and its cleanliness.

### ◆ BUGSQUASH

As a part of our technical extravaganza, BugSquash is SIESGST's very own Project Building Competition where all GSTians are given an opportunity to come up with ingenious problem-solving ideas. The 2<sup>nd</sup> edition of BugSquash was from '12<sup>th</sup> January 2022 to 16<sup>th</sup> January 2022'. This was a 72-hour hackathon event. The theme decided for BugSquash 2022 was - FinTech. Four problem statements based on this theme were given where in the participants had to choose any one and present the solutions for the same. The winners were given cash prize and their projects were provided with a chance to convert their "Ideas into Reality".

Problems Statements for Bug Squash-

- Cash Flow Management
- Financial Helper
- Financial Fraud Detection
- Open Category

The inauguration started at 7pm on 12<sup>th</sup> January on Microsoft Teams. Participants were briefed about the rules and regulations of the competition and the judging criteria followed by brief description of each problem statement. The projects were judged based on innovation, usability, feasibility, and autonomy. Four winners, one from each year were announced at the end of the day.

### ◆ WORKSHOP ON FLUTTER

Workshop on 'Flutter' for students was organized by the CSI Council and Tech team on 16<sup>th</sup> October 2021. There were a total of 50 participants, who attended the workshop.

Topics Covered -

- Different widgets in flutter
- State management in flutter
- Reactive programming using dart
- Development of one flutter application

### ◆ HACKTOBER FEST

Hacktober fest was conducted to promote Open Source among the students. Technical Team of SIESGST in collaboration with DSC SIESGST and Codechef SIESGST Chapter conducted Hacktober fest on 3<sup>rd</sup> October 2021. Students were given exposure to Open Source with a hands-on session to give them a better understanding of the topic. The hacktober fest started with Codechef introducing Hactoberfest, followed by DSC giving intro on Open Source and a session on Open-Source Projects by Google. This was followed by technical team's intro to different domain technologies. Then Technical Team, DSC SIESGST and Codechef Arena took a Git and Github hands-on session.

**Skill UP #1 - Game** Skill up is a series of project-based workshop and an initiative under GDP (GST Developers Program). This event was conducted by Game Domain on



Felicitation to the Chief Guest Dr. Suresh Ukrande, Principal - SKIT Sion, Associate Dean-UoM



Event Matrix Quiz competition



Group Dance events during TML Annual Cultural festival



Endowment award distribution

11<sup>th</sup> and 12<sup>th</sup> of September 2021 where students were given exposure to various related topics with a hands-on session to give them a better understanding of the topic

**Skill UP #2 – Robotics** This event was conducted by Robotics Domain on 18<sup>th</sup> of September 2021 where students were given exposure to various related topics with a hands-on session to give them a better understanding of the topic.

**Tech Connect (For girls)** Tech Connect organized an introductory session for female undergraduate students on 19<sup>th</sup> August 2021. It also elaborated on why this community was created and how this community could help the interested students to achieve their goals.

**Hacking:** Hacking was explained, and various doubts of students were also addressed. Quiz activity took place to interact with students.

**ML Club:** The first introductory session of ML club was conducted for the students of SIES GST on 25<sup>th</sup> July 2021. The main aim of this club is to introduce Machine learning and help students explore a new field.

### ◆ TATVA MOKSH LAKSHAYA (TML)

Tatva Moksh Lakshaya the Annual Cultural and Technical festival 2022 was conducted on 31<sup>st</sup> March and 1<sup>st</sup> April 2022. The Cultural Festival has been conducted annually for 14 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.



Kabadi event



Box cricket event



DJ Night during TML Annual Cultural festival

Tatva Moksha Lakshya, our cultural fest of SIES GST was carried out on 31<sup>st</sup> March & 1<sup>st</sup> April 2022. Not only GSTians but students from colleges across the city actively indulged in all the various events, games and competitions.

The inauguration ceremony took place on 31<sup>st</sup> of March and the chief guest for the event was Mr.Suresh Ukrande, the Principal of K. J. Somaiya Institute of Engineering and Information Technology, Sion, Mumbai and Associate Dean, Faculty of Science and Technology of University of Mumbai.

Promethean, a technical event was conducted particularly for First year engineering students is finding Engineering Solutions to Environmental Problems. Round 1 of Promethean 2022 was a presentation competition intended to provide our aspiring engineers, the First year Engineering students, a platform to come up with modern-day, inventive, and practical solutions to existing environmental issues.

The first round of Promethean consisted of a PowerPoint presentation competition. The First year engineering students have presented the Judges with the topics they had chosen. According to their panels, each participant was assigned to a classroom. They



Convocation ceremony held on 12.3.2022 for the batch 2020-21

have submitted their work to the allocated judges as well as their classmates. A total of 14 teams (65 students) participated in Round 1 of Promethean 2022.

Also, the ISTE team of SIESGST organized MATRIX 2022, and PCM Quiz competition with fun and extensive problem solving tasks. Students were asked to participate in a team of 3. The event had 4 different rounds.

Under sports Lakshaya, various sports events such as Box cricket, Mixed Volley ball, Tug of war, carrom, Table Tennis, Basket Ball, Open cricket, Badminton, Kabbadi and foot ball have been conducted.

### ◆ CONVOCATION CEREMONY 2022:

16<sup>th</sup> Convocation Ceremony for the Batch 2017-2021 graduated in the year 2020-21) was held on 12<sup>th</sup> March 2022. Dr. A.B.Pandit (Vice Chancellor, ICT Mumbai) was the Chief Guest & Mrs. Jyoti Sawant (Project Manager, TCS Mumbai) was the Guest of Honor for the ceremony.

### ◆ SIES GST CRICKET, FOOTBALL, KABADDI AUCTION

The Sports Team of the Student Council of SIES GST organized its Annual Auction event in the academic year 2021-22 on 5<sup>th</sup>-6<sup>th</sup> Feb and 19<sup>th</sup> Feb'2022. Three immensely popular sports were included in the auction events namely Cricket, Football, and Kabaddi. Kabaddi was the newest addition to the Auction event. Participants from TE and BE were only eligible to be a part of the events. The auctions were held in the month of February with each team being assigned a female manager wherein the manager had to elect the captains and the rest of the team alongside the respective captains. The offline part i.e., the respective Sport of the auction is yet to be played which will be conducted during TML 2022 or after TML 2022.



### ◆ BEHIND THE SPORT

With Behind the sport, the sports team of SIESGST inspired students by bringing the spotlight on what goes behind the making of a successful athlete. They wanted them to learn about the athletes' experiences competing in a variety of sports at the state, national, and international levels. The team interviewed athletes and asked them about their tournament experiences, challenges they experienced. This was conducted between Nov 12<sup>th</sup>, 2022 to Dec 5<sup>th</sup>, 2021.

### ◆ IPL FANTASY LEAGUE

This event was announced by the sports team for cricket enthusiasts and to allow students to express their knowledge of the game. IPL Fantasy League is a virtual game.

### ◆ WOMEN'S DEVELOPMENT CELL ACTIVITIES

- A seminar on "Gender Sensitization" conducted on 14<sup>th</sup> October 2021 by Ms. Shruthi, Fellowship Lead at The Gender Lab and Mr. Aniket Walankar, Redefining Masculinity vertical at The Gender Lab. Most of the college faculty and students benefited from it. This seminar was about the idea of empowerment and feminization of poverty, how women perform 66% of the work but only earn 10% of the income. Also discussed about creating awareness.
- Webinar on "Prevention of Sexual Harassment" POSH Act was conducted on 17<sup>th</sup> February 2022 by Nilofar Sait, Ms. Malini Shah, psychotherapist, from Ambrosian Resources. Webinar was organized for girl students as well as teaching staff (Women).
- CWDC also organized workshop on "Self Defence" for students and conducted by Mr. Rohit Mishra, Close Combat Academy on 27<sup>th</sup> December 2021.