

SIES Graduate School of Technology (Autonomous)



Enigma25 Computer Engineering Dept. activity

The SIES Graduate School of Technology has come of age with its 20th batch passing out this year. It has made a mark 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 a big way at the University, State and National levels.

SIES Graduate School of Technology is accredited by NAAC with a grade of A+ (3.28) for 5 years from October 2023 to October 2028.

The Institute received Autonomous Status from the University Grants Commission w.e.f. from 2024 for 10 years.

SIES Graduate School of Technology was accredited by the National Board of accreditation for the branches of Computer Engineering, Electronics and Telecommunication Engineering and Information Technology for 3 years from July 2024 to June 2027. It also received TCS Priority College status from Tata Consultancy Services in November 2024.

The Institute received the 48th rank in the order of ranking of top engineering colleges in India and 12th in Western India, 45th All India Ranking amongst private engineering institutes and 13th on All India basis Research capability by Times Engineering which published its All India Engineering Institutes ranking survey 2024.

PRE-INCUBATION CELL

Established in the year 2023 in collaboration with two (2) start-ups namely, Karpuragaurai Technologies Pvt. Ltd and Greenox E-library Pvt. Ltd. Pre-Incubation cell provides a facility dedicated to supporting and fostering innovation, entrepreneurship and startup culture among the students and alumni of the institute. M/s.Greenox E-Library Pvt. Ltd. provided internships to 6 students from various departments.

COLLABORATIONS

To improve the industry interactions, the Institute signed 30 live MoUs including 10 MoUs during the year 2024-25 with various industries such as Meta Craftlab Pvt. Ltd, Techpathsala, Technojack Infosolutions, Nucleospace Private Ltd, Welnia Food Private Ltd, etc.

INSTITUTIONAL SOCIAL RESPONSIBILITY (ISR)

SIES Graduate school of Technology stands with the vision of social empowerment and equality. It adopted "Project Beacon" as the Institute level social responsibility (ISR). This project focuses on training the underprivileged. This training gives them an opportunity to enhance themselves based on the requirement of the industry and service providing. The total 17 trainees are equipped and nurtured in courses like sewing and tailoring (11) and computer operator (6) courses. SIESGST believes in giving back to the society and through this project we practice it by providing an opportunity to untrained/unemployed/school drop outs youth through skill-based education.

INITIATIVES

- Established Centre of Excellence in AI and organised ISTE approved one-week STTP on "Generative AI", from 9th December 2024 to 14 December 2024. Also, organised various student development programs and provided internships to the students related to AI. Received a

Consultancy project worth Rs.3.00 lakhs, titled "Greenox Web Development APP using AI" from M/s.Greenox.

- All the departments organised various value added courses (13) on emerging domains such Generative AI, Modern Development Stack: React, MongoDB, Express.js, Android Essentials, Exploring Cloud Computing, Cloud Computing and DevOps, Decision Driven Machine Learning: A hands on Approach, Crafting Intelligence: IoT and Data Visualisation, Deep Learning, Blockchain Technology, Seamless Data Exchange with Javascript and JSON, Dynamic Web solutions with React and Express, React Native and developing Mobile Apps etc. during January 2025.
- The Computer Engineering department coordinated "AI for Youth" Program by Dell Technologies and 15 faculty members received training and certification in the domain of Computer Vision, Natural Language Processing and Statistical Data Analytics. The program was for three months duration started from June 2024.
- The Computer Engineering department organised a 2 week Skill Development and placement program by Infosys Foundation conducted by Cyber Secured India from 13th to 24th January 2025, around 110 students across all the departments received training from Industry experts in the area of Cyber threats and security measures and soft skills.
- Department of Electronics and Telecommunication Engineering organised AICTE Training And Learning (ATAL), academy faculty development program on Cyber Security at SIES Graduate School of Technology from 6th to 11th January 2025, which is funded by AICTE of Rs.3.5 Lakhs. The program was coordinated by Dr. Preeti Hemnani and Co-coordinated by



Seminar on Depression in Youth and Management

Prof. Priyanka Kadam and Prof. Vandana Sawant.

- Department of Information Technology took the initiative to encourage the students to pursue National/International certification in emerging technologies. 40% of the students from SE/TE/BE have completed the certification courses in the technologies such as Cloud Computing, Artificial Intelligence Fundamentals, Introduction to generative AI- cloud computing through MOOC platforms like AWS academy, Udemy, Coursera etc.
- Department of Humanities and Applied sciences conducted an Induction Program from 16th to 21st September 2024. The program included various activities for FE students, such as an orientation session, yoga session, POSH seminar, UHV session and a seminar on "**Depression in Youth and Its Management**". Additionally, students were introduced to the library and various college teams and units including Sports, Cultural, NSS, Technical, Arena, WDC, IEEE, Media, and Literary etc.
- The Humanities and applied sciences department in association with the National Coordination Committee for Induction Program (NCCIP), All India Council for Technical Education (AICTE), and ISTE Chapter, successfully organised the '**Face-to-Face 3-Day Introductory FDP on Universal Human Values**' from



Yoga workshop during the First year Engineering Induction week

21th -24th, August 2024. Sixty one (61) faculty members participated in the program.

- The institute organised ISTE approved one-week Short Term Training Program (STTP) on "**Generative AI**" from 9th December 2024 to 14th December 2024. Various sessions were conducted by the eminent speakers from industries and academic institutes such as Lead, Wolters Kluwer, Wipro, Accenture, Datacouch, Jiva Center for Emotional Well Being and Don Bosco Institute of Technology. 60 faculty members attended the STTP.

ACADEMIC/TECHNICAL ACHIEVEMENTS

Department of Computer Engineering

- Mr. Rohan Dobarkar (batch 2020-24), Mr. Rishabh Maurya (batch 2018-22), Mr. Vedant B (batch 2017-21) secured AIR rank 349, 39 and 3 respectively in GATE'24 examination.
- Ms. Saniya Nande and Ms.Nandana Anil students of final year Computer Engineering won first prize of Rs.30,000 in Anveshna Regional Level Project Competition 2025, held on 10th January 2025 and also participated at National level.
- Ms. Aahana Bobade, Mr. Pawan Kamat, Mr. Shridhar Iyer and Ms.Alisha Fernandes from BE-CE won 2nd place in the NLP track of the Research Paper Competition 2024, organised by CSI-VESIT on 3rd August 2024.

Department of Electronics and Telecommunication Engineering

- Mr. Atharva Kotkar, Mr. Arghya Das, Mr. Rushikesh Sawant and Mr. Adinath Patil were selected for the final round of University Level project competition "AVISHKAR" for the project titled "RAH BoT" and also received 4th nomination in CIIA held at Nehru Planetarium, Worli, Mumbai on 7th February 2025.
- Mr. Krish Yagyik, Mr. Dhurv Singh, Mr. Rohit Sharma and Ms. Prerna Sharma, third year students won second prize in Mini project competition for the project titled "Audio Routing System" organised by A.C. Patil College of Engineering., Kharghar on 18th October 2024.
- Mr. Aditya Dikonda, Mr. Vedant Bhosale, Mr. Bobby Mehta and Mr. Raj Nimbalkar of third year students won third prize in Mini project competition for the project titled "2D Plotter" organised by A.C. Patil College of Engineering., Kharghar on 18th October 2024.
- Ms. Gouri Huilgol, third year student secured first place at technical paper presentation competition held at KJSIEIT, Sion in October 2024 and won 1st place in presentation Pro Thesis Mechatronics at S.I.W.S 2025 in January 2025.

Department of Information Technology

- Ms. Vaishnavi Parab and Ms. Shravani M students of third year won first prize in research paper presentation competition 2024 organised by CSI-VSIT in Blockchain track in August 2024.
- Ms. Shreya Patil student of second year secured first rank in 0-1 Journey organised by Google Developer Group of SIES GST, in collaboration with Pan IIT Alumni Association.
- Ms. Asmi Sawant, Ms. Swati Jorapur, Ms. Koneti Madhurya and Ms. Bhoomi

Rai published the paper titled "Enhanced logistics management through predictive modelling and analysis framework" in IEEE explorer on 19th September 2024.

- An expert talk organised on Machine Learning on 7th March 2025 for TEIT students by Mr. Mithil Poojari.
- An expert session organised on Technical Paper writing on 17th March 2025 for final year students by Dr. Seema Redekar.
- An Expert session was organised on Efficient way to prepare placement on 10th March 2025 for TE IT students by Dr. Rugved Deolekar, TSS Consultancy Pvt Ltd.
- A Workshop was organised on Building scalable Applications using NET Framework on 7th March 2025 for TE and BE IT students by Mr. Nikhil Bhosale, A trina Technologies Pvt Ltd.

Department of Artificial Intelligence and Data Science

- Mr. Atharva Sawant (5th Sem) secured 1st position in Research Paper presentation held at VESIT on 3rd August 2024, 1st position in Project presentation held at Atharva College of Engineering held on 12th August 2024, secured 2nd position in Research paper presentation held at KJ Somaiya College of Engineering held on 21st September 2024, secured 2nd position in Cognition Webenchanted conducted at SIESGST held on 14th August 2024
- Mr. Kailash Sharma got selected as a speaker for Swift Bengaluru and as a Mentor for National level Hackathon Code Cubicle 2.0. His App was also selected in Hackathon Bengaluru.
- Mr. Swaraj C secured 1st position in CSI-Next held at Vidyalankar College of Engineering, Mumbai.

- An Industrial expert talk was organised on 03.03.2025 by Uddhav Chorge on "Application of Hardware and IoT in Industry" for Second year students.

Department of Artificial Intelligence and Machine Learning

- Mr. Ujjwal Rai and Nikhil Wankhade from second year got selected for the fellowship under the "MSSU-AMRUT Entrepreneurship Scheme" of Rs.3 Lakhs.
- Mr. Krishnan Venkiteswaran and Sahil Brid, students of final year won the first rank at the "HackTU 6.0" organised by Thapar Institute of Engineering and Technology, Patiala.
- Mr. Krishnan Venkiteswaran and Yash Varma of final year students won the Datathon competition held at KJ Somaiya College of Engineering.
- Mr. Krishnan Venkiteswaran, Mr. Sheshasai Dusa, and Mr. Yash Varma students of final year secured 2nd place in a paper presentation competition held at the National Student Conference on Emerging Trends and Technology.
- Two projects "Voice Pathology" and "Dimension Capture" were selected in Zonal Round Avishkar Competition held by the University of Mumbai.
- Prof. Nita Patil organised an expert talk on "Cloud Computing" on 18th March 2024, delivered by Mr. Ajit Kumar (CE Alumni, Batch 2015-19).
- Guest Lecture organised on "Internship Opportunities" for SE AIML Students on 7th March 2025.

Department of Computer Science and Engineering (IoT and Cyber security including Block Chain Technology)

- Mr. Atharv Choughule, Mr. Riyaz Mullaji, Mr. Drushtant Patil, final year students

presented paper titled "Classification of Human and Synthesised Audio in Marathi Speech using Melspectrogram Analysis and Convolution Neural Network (CNN) Model" in 2024 IEEE Technically Co-Sponsored International Conference on Communication, Computing, Smart Materials and Devices 2024 (ICCCSMD 2024).

- Mr. Omkar Gorde, final year student won Skill-India Medallion of Excellence : Maha Skills Gold Medal in June 2024. He secured 1st place at the Project Presentation and Exhibition Competition at Atharva College of Engineering in August 2024.

TECHNICAL ACTIVITIES

Department of Computer Engineering

- CSI student chapter along with the department conducted 6 workshops and 2 national level competitions which included Innovations and Enigma (Data privacy day celebration).
- An Industry expert talk was organised on Recent trends in Database Management System by Mr. Ashish Bhoir, consultant Dark Horse Digital Mumbai on 21st March 2025 for second year students.
- An expert talk was organised on Virtualisation in Distributed Computing by Mr. Rakesh Varade, SDE, Google Cop arranged for final year students on 17th March 2025.
- An expert talk on "Future Trends in System Programming" by Mr. Ojas Dedhiya, Manager M&G Global services Private Ltd. was organised on 5th March 2023 for Third year students.
- An expert talk on "Microprocessor and Applications" by Mr. Sham Adsul, Embedded systems leader, TCS, was organised on 20th March 2025 for second year students.

- An expert talk on **"Applied Data Science"** by Mr. Ayush Suri, Assistant Vice President, CitiBank organised on 6th March 2025 for Second year and final year students.
- Hands on workshop on **"Docker & Kubernetes"**, Mr. Shubham Manjrekar, Software developer, Capgemini was organised for third year students on 4th March 2025.
- Hands on Workshop **"Multiple Linear Regression"** was conducted by Mr. Mrityunjay Pandey, IT Daksh Education for third year students on 12th March 2025.

Department of Electronics and Telecommunication Engineering

- IEEE SIESGST organised 15 events out of which a technical event- Techopedia 13 was organised from 23rd to 25th January 2025, International event EPSILON 2024 3-day Technical Symposium organised and conducted during 14th to 16th September 2024, Session on Carrier guidance and profile building by Ms. Tanvi Sharma, Senior counsellor at Collegepond on 24th July 2024, Hands-on Workshop: Neural Networks 0-1 on 6-7 August 2024 and session on Block Chain by Mr. Amit Chatra on 3rd August 2024.
- Ms. Aakansha D., Kunal Zemse, Dinesh Raja received consultancy project on Mold audit app, Mold asset data management and Scientific injection molding from Efficient Innovations of Rs. 56,640/- under the guidance of Prof. Biju Balakrishnan.

Department of Mechanical Engineering

- ISHRAE chapter installation was done followed by expert lecture by Mr. Zeeshan Mubassir, Industry Expert, on 23rd August 2024. Also 4 expert talks were conducted by the department from various industry experts.
- An Industrial visit arranged by the mechanical engineering department

for the students of SE, TE, BE at Belimo Corporation, Rabale MIDC on 29th October 2024, followed by an expert talk delivered by Mr. Tushar Shinde (Head of Training) Belimo.

- Poster Presentation competition organised on Sustainable Energy Solutions, AI in Engineering, Solar assisted HVAC, Robotics in manufacturing and Smart Cities on 20th September 2024.
- An Expert talk was organised 24th March 2025 on **"Heat Load Calculations"** by Mr. Atul Kocharekar, from Reliance Industries.

DOCTORAL DEGREES OBTAINED BY THE FACULTY MEMBERS

- Dr Swati Rane, faculty from Electronics and Telecommunication Engineering branch completed Ph.D in Electrical and Electronics Engineering on **"Data Dependent Denoising Techniques for Restoring Noisy Images"** from Visveswarayya Technological University, Karnataka.
- Dr. Seema Redekar, faculty from Information Technology branch completed Ph.D. in Computer Engineering on 24th July, 2024 on **"Biological Network Analysis for Cancer"** from Mumbai University.
- Dr. Sonal Hutke, faculty, Electronics and Computer Science branch completed Ph.D. in Electronics and Telecommunication Engineering on **"Design and Analysis of Textile Antenna for Wearable Application"** from Sant Gadge Baba Amravati University, Amravati, Maharashtra.
- Dr. Vimala Elango, faculty, Humanities and Applied Sciences Department completed Ph.D. (English Literature) in the month of June 2024 on **"Cultural Politics in Family and Marriages in the selected Novels of Vikram Seth, Tehmina Durrani, Roma**

Tearne and Samrat Upadhyay” from Mumbai University.

SEMINARS/WORKSHOPS ORGANISED/ATTENDED BY FACULTY Department of Computer Engineering

- Department of Computer engineering conducted 13 industry expert talks which included experts from LTI mindtree, ConnectWise, TCS and 2 industrial visits to Indian Meteorological department and Institute of forensic Sciences.
- Faculty members from Computer Engineering department published their research in SCI/Scopus indexed/ UGC care journal namely “Academic Achievement through Cooperative Learning: The Impact of the Jig5aw Method” by Dr. Aparna Bannore, “Secure and efficient trust enabled routing using game theory and grey wolf optimisation techniques” by Prof. Ujwala



Ravale and “Blockchain-based composite access control and secret sharing-based data distribution for security-aware deployments” by Dr. Kalyani Pampattiwar. 9 Faculty members presented and published their research work in IEEE/ Scopus indexed conferences.

- Computer Engineering faculty Dr. Arathi Boyanapalli, Dr. Aparna Bannore along with third year students published patent “Augmented Reality Application for Immersive Exploration of Historical Monuments”, Prof. Suvarna Chaur published patent “Biometric Based Digital Crime Evidence Storage Drive”, Dr. Kalyani Pampattiwar, Ms. Ujwala Ravale, Ms. Namrata Patel, Ms. Kranti Bade published patent “A secure interface for IoT devices enabled smart homes using blockchain”. Prof. Sunil Kumar Punjabi along with third year computer engineering students completed live project with YH Works Pvt. Ltd. titled “User Management Module”.

Department of Electronics and Telecommunication Engineering

- Prof. Biju Balakrishnan conducted an expert session for Quality Assurance Committee at Fr. C. Rodrigues Institute of Technology, Navi Mumbai on 29th November 2024.



Outreach Activity on Artificial Intelligence at SIES Dr. A P J Abdul Kalam Memorial High School

- All the faculty members attended various Faculty Development Programs on different domains such as Universal Human Values from 21st-23rd August 2024, FDP on Competency building in soft skills from 24th-28th June 2024, Emerging Trends in cloud computing at Bharti Vidyapeeth, Kharghar between 18th to 23rd November 2024, ATAL FDP on Cyber security organised by SIESGST between 6th to 11th January 2025.
- The Department organised 11 expert talks from industry persons for the students on various topics such as **"Industrial applications of Digital and mobile communications"** by Mr. Aiyyappan Pillai, founder, Congruent Services, Mumbai, for final year students on 14th August 2024, expert session on **"Career Opportunities in Cyber Security"** by Mr. Yogesh Hudale, Telenetworks Technology Pvt.Ltd on 29th August 2024, expert session on **Job Opportunities in VLSI/Semiconductor Industry** by Mr.Uday Shankar, Manager, Arm on 23rd October 2024, expert session on **Navigating the Job Market: Essential Skills for Engineers in India** by Dr Amar Panchal, Co-founder Career Credentials on 16th August 2024 and expert session on **Data Engineering and Big Data** by Ms. Pranita Deshpande, Data engineer, Hexaware, Mumbai on 28th August 2024.
- The Department organised AICTE Idea lab visit at SPIT, Andheri for second year students on 15th March 2025, Industrial visit to TIFR on 23rd March 2025 for third year students, Industrial Visit to Inventronics, Bhiwandi for second year students and Industrial Visit for faculties to Reliance Jio:5G Services and applications on 14th March 2024.
- Seven papers were published by faculties in various International Conferences and journals from July 2024 to January 2025. Five Papers published in Journals and

two in conferences. Dr. Preeti Hemnani published a paper titled **"Optimising Stroke Risk Prediction Using XGBoost and Deep Neural Networks"** in International Journal of Computer Science and Applications (IJACSA), ISSN : 2156-5570, November 2024 (Scopus indexed journal) and published a paper titled **Real-time Monitoring and Analysis through Video Surveillance and alert generation for prompt and immediate response** in International Journal of Computer Science and Applications(IJACSA), ISSN : 2156-5570, December 2024.

Department of Information Technology

- Dr. Divya Chirayil was invited as a judge for Robotics Techfest-**"Tech-Innova 2.0"** organised by Dr. Pillai Global Academy, Panvel on 18th January, 2025.
- The Department organised 5 student development activities such as Idea presentation competition- Ideation, expert talks on Entrepreneurship and Innovation as career opportunity, Artificial intelligence and data science, Java SpringBoot Framework, Back end development, Learn Security tools with Kali, Web application security etc.
- Prof. Leena Ladge organised an outreach activity under IETE Students' Forum on **"Artificial Intelligence, its applications and its implications"**, at SIES (Dr. APJ Abdul Kalam Memorial) High School, on 2nd September, 2024.
- Dr. Seema Redekar, Dr. Poornima S, Ms. Leena Ladge, Ms. Sampada G, Ms. Savita Lohiya, Ms. Samundiswary S, Dr. Sulochana M, Ms. Kalpana B and Ms. Lalita Bhosle attended FDPs on various topics such as AI and gen AI with Industry Application, Gen-AI and Prompt Engineering Using Microsoft Co-Pilot, Universal Human Values, Blockchain Technology and its Applications, AI and its Application in

Research, Generative AI, Impact and Outcome of Industry 4.0/5.0 etc.

- Four conference papers and two journal papers were published by the department faculty. Dr. Sulochana M. published a paper titled "AI-Based Phishing Detection and Automated Response: A Multi-Channel Security Framework for Modern Communication Platforms" in Panamerican Mathematical Journal in Jan 2025 (Scopus indexed journal) and also published another paper titled "Human-Centric Design for Wearable Technology: Bridging Aesthetic and Functional Aspects in Smart Devices" in Panamerican Mathematical Journal in Jan 2025 (Scopus indexed journal).

Department of Mechanical Engineering:

- Training and workshop on Japanese manufacturing process and automation was organised for students of third year and final year on 25th and 26th September 2024.
- Training and workshop organised for third and final year students on advanced Automation conducted by SMC Ltd. on 27, 28th and 29th January 2025. 27 students were selected by SMC for advanced training.
- Mrs. Prajkta Kane, Dr. Prashant Ambadekar and Dr. Lokpriya Gaikwad attended ATAL faculty development program on "An Innovative digital Farming Approaches for Sustainable, Smart, Precision" conducted by Bharti Vidyapeeth Kharghar from 9th to 14th Dec 2024.
- Dr. Prashant Ambadekar published a research paper on "Optimisation of CNC Turning Operation Parameters for H-13 Tool Steel Towards Sustainable Manufacturing" in Revue des Composites et des Matériaux Avances.
- Ms. Lokpriya Gaikwad and Mr. Ajay Hundiware published paper on Design and Analysis of Helical Cone Coil Heat

Exchanger for Low Grade Heat Recovery, Journal of Heat and Mass Transfer Research, 12(1), pp. 61–72. Dr. Lokpriya Gaikwad published paper on Failure Analysis of Automotive Drive System: A Six Sigma DMADV Approach, Journal of Failure Analysis and Prevention, 24(5), pp. 2292–2315.

Department of Artificial Intelligence and Data Science :

- Ms. Pragati Akre published a paper named "Hand gesture using Python" in International Journal of Thoughts on 2nd July 24 (Scopus Indexed journal).
- Ms. Sonal Patil published a paper on "Predictive Analytics for Social Behavioral computational approach to understanding organisational Dynamics" on 24th October 2024 (ISSN:2576-0025) (Scopus Indexed journal).
- Nine (09) expert talks were conducted under industry interaction on various subjects like data structures, Deep learning, full stack development etc. by industry experts from connect-wise, cimpres and change networks.
- Five (05) live projects undertaken by the department on various domains such as fEmail matrix, AI voice based, SEO, Application Development etc. by the third and final year students.

Department of Artificial Intelligence and Machine Learning

- Dr. Varsha Patil and Dr. Arundhati Das faculty from AIML department secured a top 2% rank in the "Deep Learning" subject conducted by NPTEL in November 2024.
- Four papers were published by the faculties in various International conferences from July 2024 to January 2025.
- The department faculty members

attended various Faculty Development Programs on different domains such as Universal Human Value conducted from 21-23 August 2024 at SIESGST, competency building in soft skills conducted from 24-28 June 2024, Emerging Trends in cloud computing at Bharti Vidyapeeth, Kharghar from 18/11/2024 to 23/11/2024.

- The department conducted 07 expert talks on Introduction to Blockchain, Full Stack Web Development, Literature Survey, NLP Techniques, Thing Speak Cloud for IOT, Deep Learning etc. by the industry experts.

Department of Computer Science and Engineering (IoT and Cyber security including Block Chain Technology)

- Faculty members published papers in Scopus indexed/ UGC care journal namely "Electromagnetic Band Gap Structure Embodied Low Specific Absorption Rate Hexagonal Ring Wearable Textile Antenna" was published by Dr. Sonal Hutke, "Design and Implementation of Image and Video handling on a Platform with reconfigurable FPGA" by Mr. Swapnil Wani, "Automated Irrigation with Deterrent system" by Ms. Manosha S.
- Dr. Sonal Hutke presented and Won Best paper award in National Symposium IETE Kolkata on "Design of EBG Based Stacked WBAN Antenna".
- Ms. Pranita Pingale published patent on "Artificial Intelligence Based Robotics for Automatic Material Handling and Sorting in Warehouse". Mr. Swapnil Wani and Ms. Manosha published patent "A secure interface for IoT devices enabled smart homes using blockchain".
- Conducted 08 industry expert talks and 01 workshop by industry experts from Capgemini, Accenture, lexis Nexis Solutions etc.

Department of Humanities and Applied Sciences

- Dr. Sandhya Bharambe published a paper titled "Study of Gas Sensing Properties of Nanostructured Nickel Ferrite Thick Film Sensors In NH₃, H₂S, CO₂, And LPG Environments", J. Electrical Systems Vol-Issue (2024): 1-12 and presented paper with students and secured a consolation position in state level research paper presentation competition titled "Comparative Analysis of Regev's and Shor's Algorithms under Skewed Data Conditions in Quantum Computing" on the topic Emerging Trends in Science and Computer Science on 3rd and 4th September 2024, organised by department of science and computer science at MIT, Pune. She Published a book of applied physics for KBI publisher in 2024 as per the revised syllabus of NEP2020 of Mumbai University.
- The Department organised the Matrix Event (inter college Olympiad competition exclusively for First year Engineering students) on 21st September 2024, as part of Engineers Day Week.
- Nine (09) Conference papers presented by the faculty members of the department of Humanities and Applied Sciences.
- Two patents were received by Dr Lakshmi Pavani D from the department for the title "System and method for numerical simulation of magneto hydrodynamic phenomena" and "Functional Nanochannels Incorporating Bismuth Ferrite Nanoparticles for Enhanced Performance in Nanoelectronic Devices".
- Dr. Ramkishan Bhise published a book on "Business Etiquettes and Corporate Grooming" (commerce VSC-I) (As per

NEP2020 Syllabus (Mumbai university B.Com Sem-I) by Nirali Prakashan with ISBN-978-93-6109-641-9 (October 2024, Co-author) and also another book on "Perspectives on Business Communication in the Digital Age" by author press with ISBN 978-93-6095-062-0 (2024) (Co-author).

- Dr. Ashwin Kumar Chavan was honoured with the Maharashtra State Shiv Chhatrapati Sanghatana State Level Meritorious Professor Teacher Award for contribution in the educational, cultural, social fields.
- Dr. Ramkishan Bhise was invited as resource Person at NEP Orientation and Sensitization from 14-10-2024 to 23-10-2024 under UGC-Malaviya Mission Teacher Training Center at Dr. Babasaheb Ambedkar Marathwada University, worked as Co-Convenor for National level Rusa Sponsored Symposium "Digihum: Digital Innovations in Humanities And Literature education", chaired session at Annual Conference of ELTAI which was held from 23rd to 26th October 2024. and hosted jointly by The Assam Royal Global University.

Placement Activities

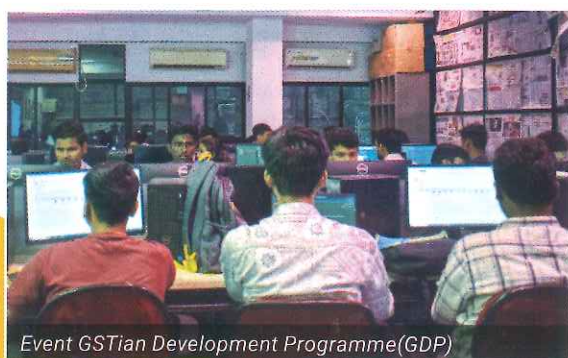
- Campus recruitment 2024-25 started in August 2024. 25 reputed companies such as Connectwise, KPMG, Worley India, Saint-Gobain, Tata Consultancy Services, LTI Mindtree, Capgemini, NielsenIQ, Maire-Tecnimont, Ideaforge, DeltaX, Thermax,

Mukand Ltd. (Bajaj Group) etc. conducted campus recruitment. 159 students from Computer Engineering, IT, EXTC, ECS, Mechanical Engineering, AI and DS, AI and ML and CSE(IoT) have received offer letters.

- Part of the training activities, various programs such as Campus recruitment training, expert talk on future proof career in the age of technology, tips to crack group discussion and personal interview and resume building and personal interview by the senior experts from the LTI Mindtree, SPJIMR and TIME between July 2024 to September 2024.
- The Training and Placement Cell organised Elevate-2025, the first annual Career Conclave on 29 January 2025. The event aimed to foster growth and professional development among the fresh talents and to guide the students for career progression through interaction with industry leaders and experts. The day-long event provided inputs and opened new avenues in successful professional growth for the bright and talented Engineering graduates. Various corporate experts participated and shared their valuable insights.

Women's Development Cell Activities

The College Women's Development Cell (CWDC) has consistently strived to promote gender equality, personal safety, and empowerment through various impactful events during the academic year 2024-25.



Event GSTian Development Programme(GDP)



Flea & Frolic Event

These initiatives highlighted the importance of creating awareness about critical social issues, fostering inclusive environments, and empowering individuals to bring about meaningful change.

- A seminar was conducted on POSH act on 19th and 20th September, 2024 by Ms. CS Pooja (Gupta) Singhal having expertise in Corporate Governance, Legal compliance and strategic advisory services and Mrs. Rajasri Nagarajan, an Advocate by profession.
- A Self-Defense Workshop was conducted on 30th September 2024 by Mr. Selvamanikandan, student of SIESGST. The focus of the workshop was on Silambam, an ancient Indian martial art that has been practiced for centuries as a means of self-defense and physical empowerment.
- A law based seminar on cybercrime awareness was held on 7th February 2025 to educate participants about the latest trends in cybercrime, legal aspects, and preventive measures by Advocate Ms. Reena Karode.

STUDENT COUNCIL ACTIVITIES

- Cognition, a technical event, was held on 21st September 2024 with the objective of creating an inclusive platform where ideas could be shared and collaborations

could flourish, fostering networking opportunities among professionals and students. Organised various workshops such as EnEx: workshop-and-hackathon, the Vision101 workshop, machine learning and OpenCV for image processing and analysis, the Web Enhanced hackathon etc. Also GameJam: The ultimate game development hackathon 'GameJam' was held for the first time ever in Navi Mumbai with amazing community partners such as PARALLAX, Gamedev.in and IGDC. The participants competed for a prize pool of ₹10,000 and were offered internship opportunities as well!

- GDP (GSTian Development Program) was organised on 13th January 2025, a comprehensive training and development initiative designed to equip participants with specialized knowledge and hands-on experience across various technology domains. The program aimed to provide in-depth learning and foster expertise in key areas of technology that are crucial for the future of the digital landscape. App Domain, Web Domain, Game Domain and Robotics Domain are some of the breakdown of the domains included in the GDP.
- Students were encouraged to participate in the 57th Youth Festival organised by the



The Literary Festival of Performing Arts (LFPA'25)



badminton event during the Sports Fest



Basketball tournament during the Sports Fest

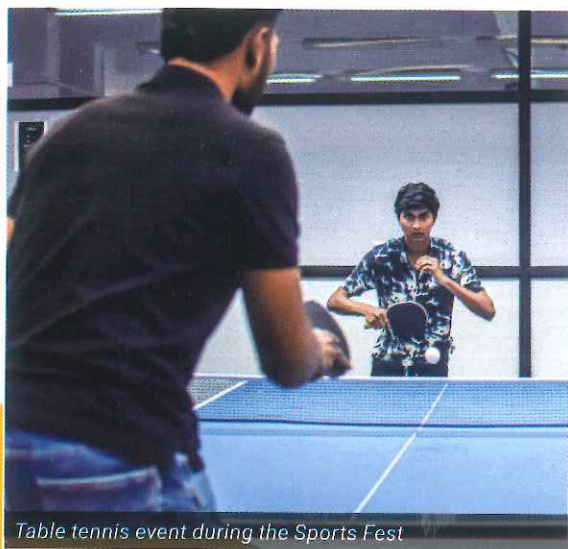
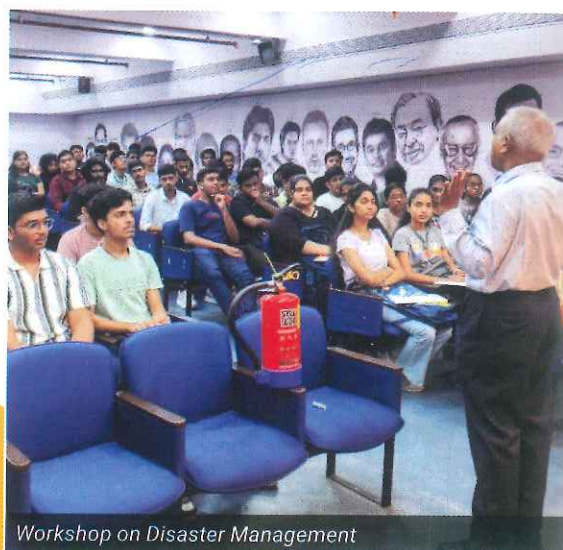


Table tennis event during the Sports Fest



Workshop on Disaster Management

University of Mumbai. There were various events under the categories such as Fine Arts, Literary Events, Theatre and Music. The literary team, the creative team, Aarambh and Aarooha also participated in the youth festival. Ms. Nadaa Ahamed and Ms. Aashika Karthikesan from second year, Computer Engineering qualified for final round and won third prize in Debate group B.

- The 78th Independence Day was celebrated on 15th August 2024. Various events were organised as part of the celebration such as Aarooha's performance, Aagmi's spectacular patriotic dance, a power packed performance by the NSS unit of college and speeches by students.
- The Cultural Team organised Teacher's Day function on 5th September 2024 for the Teachers and nonteaching staff of the college. The event was full of fun-filled activities for the teachers which also

had a few performances from the faculty members. The final year students shared some experiences and feelings about their teachers which made everyone motivated and proud.

- The Cultural team organised Flea and Frolic on 23rd September 2024 that brought an electrifying fusion of flavours, creativity and performances to life. The event featured a vibrant marketplace with diverse food stalls offering mouth-watering delicacies, while art stalls displayed exquisite handmade crafts and unique creations.
- The Cultural team organised the Garba night and the Riwayat, Traditional Day on 3rd October 2024, making it a day filled with cultural vibrancy and celebration. The festivities began with The Riwayat, where students from different branches came together, dressed in traditional attire representing their diverse cultures. This

cultural extravaganza provided students with a refreshing break from their daily academic routine, filling with joy, unity, and enthusiasm.

- The Literary team organised Baatcheet, an event held on 15th, 19th, and 22nd September 2024, BaatCheet Season 5 explored the past, present, and future through thought-provoking discussions with esteemed guests. Various sessions were conducted under this, such as discussion on dynamic nature of history, the role archeology, influence of media on judicial processes, delays in the legal system, the landmark policies like vishakha guidelines etc. by the experts of various fields. The Literary Festival of Performing Arts (LFPA'25), hosted by the Literary Team, was a three-day celebration of literature, music, and creativity from 20th-22nd January 2025.

Sports activities

The Sports Team organised various games/sports such as Monsoon Football, Volleyball Auction, Football Auction, Chess, Carrom (Boys and Girls, Singles and Doubles), Tug of War (Boys and Girls), Box Cricket (Boys and Mixed), Blind Volleyball (3v3 Boys), Athletics, Kabaddi, Table Tennis (Boys Singles and Doubles), Basketball (Boys), Mixed Volleyball (2 Boys and 1 Girl) etc.

- The boys volley ball team secured 1st runner up, girls Badminton team secured

1st runner up, Boys Athletics team secured 2nd runner up in 4x100m Relay Tournament organised by University of Mumbai. Also students won the mixed volleyball tournament organised by Rotract club.

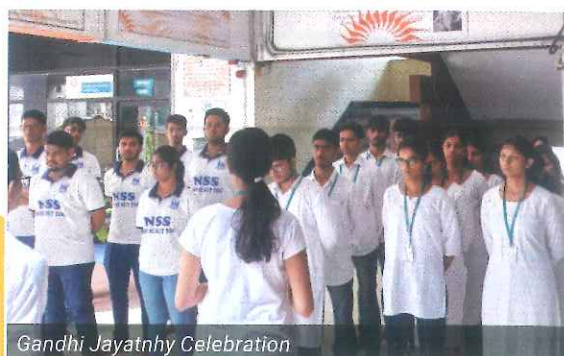
- Ms.AdhyaViju, student won the Inter-Zonal Badminton Tournament and represented Thane Zone Women's Team.
- Mr.Rathik Natrajan, student won the Mumbai University Rifle and Pistol Shooting Tournament; Runner-Up, Inter-Zonal Tournament.
- Mr. Sanath Shetty and Mr.Dhruv Mehta, students secured 2nd Runner-Up in Mumbai University Squash Tournament and was also a part of volleyball team which won the Runners Up Trophy in VJTI college on 7th February 2025.
- Mr.Selvamanikandan, student secured 2nd Runner up in National Silambam Championship.
- Ms.Ashwini Jambale, final year student secured runner up in Maharashtra State Kickboxing Selection Championship, won Silver Medal at 3rd wako open international kickboxing tournament 2024 (New Delhi) in Feb2024, won 2 Silver Medals at All Maharashtra State Kickboxing



Inaguration function of Tatva Moksh Lakshya Annual Cultural Fest Inaguration



Tree Plantation drive



Gandhi Jayanti Celebration



Mangrove cleaning



Blood donation drive

Selection Championship Seniors and Masters 2024 (Jalgaon) in June 2024, won 4 Gold Medals at 4th Mumbai city district cadet junior and senior kickboxing championship 2024 (Mumbai city) in April 2024.

- Ms. Perna Aswal secured second place at Inter collegiate Badminton tournament for women organised by University of Mumbai in October 2024 and Secured second place in (Girls Doubles) ICT Sportsaga 2024 organised by Institute of Chemical Technology, Mumbai in March 2024.
- The annual fest of SIESGST : Tatva Moksh Lakshya (TML) 2025 – YUGANTAR was organised from January 31 to 1 February 2025. The theme unveiling took place on 15th January 2025, introducing Yugantar as this year's concept. Cultural clubs including Aaroha, Moksh, Aagmi, Aarambh and students of SIESGST delivered stellar performances. The main festival, TML 2025, took place, featuring a thrilling lineup of competitions such as group dance, fashion show, the voice (solo and duet), Instrumedley, Anhinaydarshi, unplugged, cosplay, technical

and sports events. The fest was concluded with a concert from Bharat Music, followed by an electrifying DJ night under DJ Xtacy.

NSS Activities

- International Yoga day was celebrated on 21st June 2024. The event aimed to promote physical, mental, and spiritual well-being through the practice of yoga.
- Tree Plantation drive was conducted on 21st June 2024 at the SIES Campus, Nerul. The activity was extended to D. B. Patil Ground, Jui Nagar, where 50 trees were planted to enhance the green cover and encourage ecological conservation. Also, part of the 7-day NSS Residential Camp at Tondali Village (6th–12th January 2025), the plantation drive was expanded in collaboration with BPCL, Mumbai, resulting in the planting of 200 trees to support forestation efforts and environmental sustainability.
- The NSS celebrated Gandhi Jayanti and Lal Bahadur Shastri Jayanti (2nd October 2024), Republic Day (26th January 2025) and Shivaji Maharaj Jayanti (19th February 2025).

- Various seminars were organised by NSS students during the First year Induction program such as depression in Youth, green energy and sustainable development, disaster management, cyber security, national pollution control day from 19th August to 2nd September 2024 and road safety was conducted on 3rd March 2025.
- The Mangrove Cleaning Activity was organised in association with Navi Mumbai Municipal Corporation (NMMC) on 21st September 2024 at Palm Beach Road, Nerul, Navi Mumbai.
- Health Checkup Camp was organised on 24th September 2024, to promote health awareness and well-being among students, faculty, and staff.
- Blood Donation Drive was organised on 27th September 2024 in association with J. J. Hospital, Mumbai, to contribute towards saving lives and promoting social responsibility. The event witnessed active participation from students, faculty, and staff, resulting in the successful collection of 153 blood units.
- An eye-check up drive was arranged on 25th February 2025 followed by a seminar on awareness/importance of the eye donation delivered by Dr. Vrushali Mohite, an ophthalmologist from the Sri Shanmukananda Charitable Hospital, Mumbai.
- A seven (07) days NSS Residential Camp was conducted at Tondali Village, Taluka Murbad, from 6th to 12th January 2025. The camp aimed to promote community development, environmental sustainability, education, and social awareness through various activities. Educational activities involved science practical demonstrations for school students and basic Math and English teaching by faculty members. A

health check-up camp was also organised to provide medical assistance to villagers. To spread awareness on social issues, skits on gender equality, de-addiction (Nasha Mukti) and cyber-crimes were performed by NSS volunteers.

- Dream Run 2025 – SIES GST Annual Marathon was organised on 16th February 2025. The event witnessed enthusiastic participation, promoting fitness, unity, and social responsibility. As a significant outcome of this initiative, a generous donation of Rs. 2,22,222/- was made to Sangopita – Care and Welfare Center for Special Children, an NGO dedicated to support the children with special needs.

Alumni Activities

The SIES Graduate School of Technology (SIES GST), Nerul Campus, successfully organised its Alumni Reconnect program on 18th January, 2025. The event was conducted to strengthen the alumni engagement with their Alma mater and cultivate lasting connections.

The alumni were appraised about the various activities conducted across the departments and also discussed about the financial help to needy students. The alumni were requested to provide internship opportunities and helping in placement activities of the students. The Alumni announced a contribution of an amount of Rs. 2.00 lakhs towards financial help for the merit cum means students.

46 student development programs such as expert talks/workshops etc. were conducted for the first to final year students by the alumni working in various industries.

Alumni activities & contribution:

- Mr. Abhishek Tiwari, CEO Karma.AI, Ms. Thirukarthika Murugan, AI engineer at HCL,

- Ms. Khushi Kapoor, SDE at TCS and Ms. Gauri K product manager at Reliance Jio., alumni students judged the National Level project competition "Innovations 2025" on 29th March 2025.
- Expert talk on recent trends in Database Management System for second-year students conducted by Ashish Bhoir, (Alumni) consultant at Dark Horse Digital Mumbai, on 21 March 2025.
- Prof. Nita Patil from the AIML Department organised an expert talk on "Cloud Computing" on 18th March 2024, delivered by Mr. Ajit Kumar, Alumni Computer Department.
- Book talk was arranged on 14th January 2025 under the initiative of the "Vachan Sankalp Maharashtra Mission" to inculcate reading habit among the students.
- Book Exhibition was conducted on 16th January 2025 under the initiative of the "Vachan Sankalp Maharashtra Mission" to create awareness and encourage the students to read books.
- Organised a training session on Eaarjav Plagiarism Software aimed to familiarize faculty members with the functionalities of Plagiarism Software, its role in maintaining academic integrity, and effective use for plagiarism detection in research and student submissions.

Library

- During the Year 2024-25, the library procured 830 books and currently has subscribed to 1225+ online journals from packages like IEEE-ASPP and POP ALL and also DELNET. In addition to e-journals, library subscribes 51 National and International journals in print, Pearson and World's 41 lakhs+ e-books and 3 English and 2 Marathi newspapers. Readers can directly access all the e-resources throughout the GST campus and also through remote access. The number of users of IEEE ASPP and CSDL in the year 2024 was 1547.
- The library designed a site using open source technologies and the same can be accessed at: <http://librarygst.wixsite.com/library>
- National Librarian's day was celebrated on 12th August 2024, on the occasion of 132nd birth anniversary of Dr. S. R. Ranganathan, Father of Library Science who identified the real needs of the libraries in India and also contributed for Five Laws of Library Science.
- An awareness session was conducted on 15th October, 2024 on IEEE – ASPP and CSDL e - journals by Mr. Gaurang Date, IEEE Trainer.

PROFESSIONAL BODY ACTIVITIES

WiE series of IEEE students chapter conducted the following seminars.

- Seminar on Entrepreneurship and Startups by Ms. Aparna Kshirsagar, Co-founder and head of Business Development at Frozculina Tech Services, Mumbai on 3.3.2025.
- Seminar on finding calm: Stress management through meditation by Dr.Sunita Jain, HoD of Pediatric department, MGM and Madhavi Patil, Leads Yogam Isha Hatha Yoga Studio in Navi Mumbai on 6.3.2025.
- Taking Stage Leadership and all by Ms. Priti Mumshi ,Senior lead-Technology and Transformation on 08.03.2025.
- Women of Impact: Bold, Brave and Beyond by Ms. Sajitha Nair, HoD of Pedagogy and Innovation in Sacred Heart School on 08.03.2025.

STUDENT ACHIEVEMENTS:

- Aditya Sahu, Ari Rumde , Sanket Dhonde and Yash Salunkhe (TE-AIDS) won 1st place at National Level Define 3.0 Hackathon

held at Mar Baselios college of Engineering & Technology, Kerala under national Ayush mission held on 6-8th March 2025.

- Atharva Sawant (TE-AIDS) and Tushar Patil (SE-AI-DS) stood 2nd at the AI Odyssey Hackathon held at Universal AI University, Karjat held on 7th March 2025 .
- Atharva Sawant (TE-AIDS) stood 1st in Technical Paper presentation of Vectors 25 held at A C Patil College of Engineering held on 3rd March 2025 .
- Yash Salunke, Sri Rumde and Aditya Sahu won 1st runner up at Bytecamp held on 14th March 2025 .
- Sujal Pagere won 3rd place in Sparkathon (National Level Ideathon) held at Indala College of Engineering on 20th March 2025.
- Sujal Pagere and Sahil Khairnar (TE-AIDS) secured 2nd runner up out of 50 teams at Innospark 2025 held at Saraswati College of Engineering held on 26th March 2025.
- Rahul, Manasvi, Rutik (FE-IT) secured 1st prize in CSI Innovation2025 project presentation Competition held on 17th March 2025 at SIESGST.
- Fardeen Sayed and Roshan Ajith, SE CE students along with TE IT, won first prize in Chakravyuha CTF competition organised by LT College of Engineering.
- Vaibhav Kachare BE CE student along with BE EXTC won first prize in Techxter Paper presentation competition organised by IETE chapter SIES GST on 21st March 2025.
- Ahana Bobde ,Pawan Kamat BE CE Students won first prize in Techxter Paper presentation competition for the paper tilte "SafeYatra A womens safety Application" organised by IETE chapter SIES GST on 21st March 2025.
- Ahana Bobde ,Pawan Kamat BE CE Students won first prize in Innovations 2025 Project presentation competition for the project tilted "SafeYatra App" organised by CSI chapter SIES GST on 29th March 2025.
- Harirajan from TE CE runner up in Terna Hackathon organised by Terna Engineering college, Nerul, on 21st March 2025.
- SE IT students Damayanti Epili, Bhumika Jinnah, Ishaa Wagh, and Isha Ramakrishna secured a spot among the top 42 teams from 300+ in the Fintech domain at the CSI KJ Somaiya Idea Hackathon conducted on 17th-18th March 2025. Recognised as one of the top 5 all-women teams.
- Arnav Mandlik from TE IT and Hamza from SE IT won first prize at Chakravyuha CTF - a 48 hrs CTF competition organised by L.T. College of engineering on 21- 23rd February 2025.
- Akash Konar from SE IT secured 3rd prize in the XR hackathon for the tourism track organised by K.J.Somaiya.
- Paras Kumbhar (TE-AIML) from AIML Department and his team won 2nd place at the AI Odyssey Hackathon held at Universal AI University, Karjat. Kudos held on 7th March 2025.
- Krishnan Venkiteswaran (BE AIML) & Yash Varma (TE AIML), secured first prize (₹75,000) at the prestigious "The Great Bengaluru Hackathon." Collaborating with talented peers from other institutions, they demonstrated outstanding innovation, problem-solving skills, and technical expertise organised on 16th March 2025 .
- Krishnan Venkiteswaran, Sahil Brid and Vaibhav Kachare won the Techxter National level paper presentation competition organised by IETE SIESGST.

They presented their paper "BiLSTMs and Liquid state machines for computerised vocal health monitoring" on 21st March 2025.

- Third year AIML Student Madan Muthuraj Nadar secured third prize in the XR Hackathon for the Tourism track, organised during the Somaiya Innovation and Impact Festival on 5th March 2025.
- Rajneel Chougule, Shravani Shinde of AIML secured the position as 2nd runner-up in the GEN AI Showdown hackathon at Pillai College of Engineering on 29th March 2025.
- Aradhya Dange BE AIML and team secured a spot in the top 10 and achieved 6th place in hackathon organised by the Government of India, public sector banks, and Union Bank of India, with K.J. Somaiya College serving as the event center on 21st March 2025.
- Atharva Bhosale, Atharva Dhupkar, Akshat Arjun Ravi, Kushal Mohite, students of ECS department participated in Cyberstrom CTF organised by GDC SIES GST on 29th March 2025.
- Atharva Amol Dhupkar student of ECS Department participated in Workshop organised by BITS Pilani Hyderabad from 22nd to 23rd March, 2025.
- Amit Pal, student of ECS Department participated in Build with India Hackathon Finale (placed amongst top 5000 teams out of 25,000 teams).
- Rajveer Rajpurohit, Aditya Kinikar, students of ECS Department qualified for the final round of datathon, Byte camp.
- Krish Patel, student of ECS Department achieved rank 554 among 14098 in Business quiz.

➤ Ms. Gauri Hoilgol student of EXTC department won third prize at Sparkathon hosted by Indala college of Engineering for the title **Dine Decide** - a data driven solution for restaurant owners and got some amazing feedback on 20th March 2025.

➤ Anushka Potdar, Aditya Umesh, Aditi Kurhekar and Sharvari Kulkarni, students of EXTC department won second prize of Rs.6000/- in Texchxter-14 organised by SIESGST on 21st March 2025.

Industrial Visits conducted :

- An Industrial visit on 6th March 25 organised by Mechanical department at Samiri Industries Thane for Second Year Engineering students, at Warna Daily, Nerul on 26th March 2025 at MIDC, Thane for third year engineering students and on 18th March 2025 organised at Uran Gas Power Station, Uran for Third year Engineering students.
- Industrial visit to CDAC on 6th March 2025 organised by computer engineering department for Third Year Students.

Students Council & other students chapters activities conducted :

- **Bytecamp '25**, the highly anticipated 24-hour hackathon, was organised by the Technical Team of SIES GST on March 15th and 16th March, 2025. This year's edition featured four innovative tracks: Sustainability Tech, Fintech, Health Tech, and Open Innovation, each designed to challenge participants to create impactful solutions for pressing global issues. Theme of Bytecamp '25 was **Mumbai Techverse: solve problems in and around Mumbai**. This theme aimed to improve our city in all aspects with new technological advancements. The hackathon received an overwhelming response, with more than 1000 registrations on Devfolio, where participants submitted abstracts of their proposed solutions. Following a

thorough evaluation process, the top 40 teams were selected to advance to the in-person hackathon, where they would compete for 24 hours to bring their ideas to life.

- Developer Summit was organised on 15th-16th March 2025, is a series of 3 interactive Sessions by 3 industry expertise Speakers to help young engineers find a way to get started with their own ideas in future. The speakers were Mr. Manish Bane, Asst. Vice President JP Morgan Chase & Co. , Mr. Chandramouli, CTO, Humane Technologies and Mr. Sushant Kamble, Security Manager EY.
- The 11th edition of Model United Nations (MUN) 2025 was successfully conducted on 22nd and 23rd March 2025, at SIES Graduate School of Technology, Nerul. This prestigious two-day international relations conference provided a dynamic platform for college students to engage in insightful discussions on pressing global issues. With enthusiastic participation from delegates across various institutions, MUN 2025 upheld its legacy of fostering diplomatic skills, critical thinking, and leadership qualities among students.
- This flagship event **SustainX** (poster presentation competition) is hosted on 28.03.2025 as an annual tradition tailored specifically for First-Year Engineering students at the college. Participation is mandatory for all first-year students, who are required to form teams consisting of a maximum of four members from their respective branches. This event comprised three distinct phases: the Elimination Round, Round 1, and Round 2.
- **Techxter 14.0** National Level Technical paper presentation competition was organised by IETE Students chapter on 21st March 2025.
- **Innovations 2025**, a National level Project Presentation Competition, was held on 29th March 2025 by SIES CSI students chapter. Competition received 40 registrations, after scrutinizing 26 Project Ideas were shortlisted for presentation and demonstration. The inauguration of event was graced by Mr. Kishor, Mr. Kishor Chaturani – Chief Architect-AI Business Unit, TCS as a Chief Guest and also honoured guest Mr.Krishnarao Gakkan,Chief Coach, Strategic Partnership & Delivery Executive, ILM UX.Judges form the industry included CE alumni Mr. Abhishek Tiwari (2020-24) CEO Karma.AI, Ms. Thirukarthika Murugan(2017-21) AI engineer at HCL, Ms. Khushi Kapoor(2017-21) ,SDE at TCS and Ms. Gauri K(2018-22) product manager at Reliance Jio.
- **Mumbai Matrix 2025**, organised by E-Cell, SIESGST,wasalandmarkstartupexpoaimed at fostering innovation, entrepreneurship, and collaboration. The event brought together entrepreneurs, investors, students, and industry professionals, providing a platform for networking, knowledge exchange, and startup growth. Mr. Sandeep Dandekar, Executive Vice-President, NTT Com-Net magic was the Chief Guest. Start-ups from diverse domains showcased their innovations, engaging with industry experts and investors. Key highlights included panel discussions on emerging market trends, investment strategies, and start-up scalability, featuring renowned speakers. Attendees gained practical knowledge, strategic insights, and valuable networking opportunities.

STATISTICAL DATA

A. Student Enrolment

S.No.	Course	Male	Female	Total
1.	Electronics & Telecommunication Engineering	161	85	246
2.	Computer Engineering	377	217	594
3.	Information Technology	169	88	257
4.	Mechanical Engineering	126	07	133
5.	Electronics & Computer Science	177	79	256
6.	Artificial Intelligence & Machine Learning	191	72	263
7.	Artificial Intelligence & Data Science	227	97	324
8.	CSE (IOT & Cyber Security including BCT)	178	82	260
9.	M.E (Information Security)	02	01	03
10.	M.E (Artificial Intelligence & Data Science)	03	06	09
Total		1611	734	2345

B. Staff Strength as on 31.03.2025

	Male	Female	Total
Teaching Faculty	15	80	95
Non-teaching faculty	47	20	67
Total	62	100	162

C. Qualification

	Teaching	Non-teaching
Doctorate	31	--
Masters (Post Graduate)	64	09
Graduates & HSC	--	39
Under Graduate (Metric/non-metric)	--	09
Diploma Holders	--	10
Total	95	67

D. Age Profile

Age Group	Teaching	Non-teaching	Total
20-30 yrs.	05	15	20
30-40 yrs.	32	18	50
40-50 yrs.	52	21	73
50-55 years	05	10	15
55-60 years	01	03	04
Total	95	67	162

E. Service Profile

	Teaching	Non-teaching	Total
< 5 years	51	28	79
5-10 yrs.	08	02	10
10-15 yrs.	17	20	37
15-20 years	14	08	22
20-25 years	05	08	13
>25 yrs.	--	01	01
	95	67	162

Department of Electronics & Computer Science :

Academic/Technical achievements :

1. Ms. Abeerah Khan, Mr. Sunny Gupt, Mr. Anshul Kokat, Mr. Sumit Prasad from Third Year Engineering completed the consultancy project titled "Gaming Slot Booking System" from GAMING HUB and received an amount of Rs.10,000/- as an appreciation and also Ms.Kanishka Jha, Mr.Sujit Londhe, Ms.Harshvinder Kaur, and Mr.Sanket Ghorpade of final year students completed a consultancy project worth Rs.10,000/- from M/s.DigiGoat India.
- 2.Final year Engineering students Mr.Kunal Zemse and Ms.Akanksha Dodamani completed consultancy project of worth Rs.48000/- from Ms/.Efficient innovations, Andheri, Mumbai.
- 3.Mr. Prajwal Dabekar,Mr. Sanket Sonadawale, Mr.Harsh Khadasane and Mr.Jaggannath Poojari, students of Final Year won second runners up in Kongsberg Techathon on 23/9/2024.
4. Ms.Nandini Singh, Third Year student's project "Carbon Katha" has been selected in top 3 of impact creators-Nari Shakti Category at the India AI Impact festival 2024, organized by ISPIRE-MANAK Government of India, DST, ATAL Innovation mission, NITI Aayog MoE on 25/09/2024.
5. Mr.Kushal Mohite ,student of Third Year won Gold medal in SocMeta, IEEE ComSoc SNTC.
- 6.Mr.Kanishk Jha ,student of final year has got recognition for his contribution at Philips Industry and name was featured on their prestigious Hall of Honours Page.
7. Mr.Moinuddin Hasan from Second year secured fifth rank in Bug4ever National level DSA competition and also Mr.Aryan Takalkar, Mr.Smeet Hendre from second year secured fourth rank in State level paper presentation competition held at MIT Aalandi, Pune .

Department activities :

11 Experts talks were organized by the department on emerging domains from various companies such as Creto technologies limited, IT Vedant Pvt. Ltd etc.

Faculty achievements:

- 1.Dr. Shubhangi Kharche published a paper titled "DermAI: An Innovative AI-Driven Chatbot for Enhanced Dermatological Diagnosis and Patient Interaction" in Scopus indexed journal IJEEI on December 31,2024. She has also presented a paper on "Cold Chain Supply & Organ Transport Drone," in IEEE Advancement in Electronics & Communication Engineering, AECE - 2024, 22nd - 23rd November 2024.
- 2.Prof. Mrinal Khadse published a paper titled on "A Review on Network Covert Channel Construction and Attack Detection" in Concurrency and Computation: Practice and Experience 37, no. 1 (2025): e8316.
- 3.Dr. Shubhangi Kharche Mrs. Mrinal Khadse presented a paper on "Analysis of Docker images on static and dynamic vulnerability scanning tools" in 2nd International Conference on Signal Processing, Communication, Power, and Embedded Systems, SCOPES-2024.
