DEPARTMENT OFINFORMATIONTECHNOLOGY   July-Dec 2022

Department of Information Technology came into inception in the year 2002 with an approved intake of 60 students. The Department has well Qualified faculty members and well trained Non teaching staff. The Department has well equipped laboratories.

The programme of Bachelor of Engineering in Information Technology is being conducted in accordance to the course curriculum prescribed by University of Mumbai.Department has been NBA accredited from 2021-2024.

The college management has always encouraged the student fraternity by announcing scholarships and cash awards for meritorious students. They are also encouraged to join professional bodies for creating an awareness of the latest developments in their field of interest. The department has IETE Student Forum which started in 2008. Technical and Co-curricularactivities are being conducted under IETE on regular basis.

The department of Information Technology has been in the fore front in organizing cultural and technical events both at intra and inters collegiate levels. Shaping industry compliant engineers has always been the primary objective of the department and hence Industrial visits and Seminars by industry eminent personalities is treated as a part ofcurriculum.
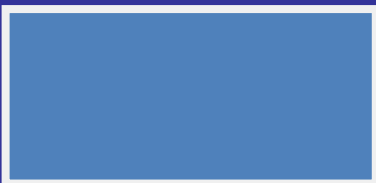
Vision and Mission of IT Department

VISION

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

MISSION

- To impart advanced knowledge and develop skills in Information Technology and allied fields.
- To enhance professional competence by inculcating values and ethics.
- To upgrade technical skills and also encourage research culture.
- To extend industry and alumni association for knowledge enhancement.
- To nurture entrepreneurial talent and contribute towards socio-economic growth.

Editors
Prof. K. Lakshmi Sudha
Prof. BushraShaikh

Program Educational Outcomes(PEOs)

Graduates will be able to:
PEO1: Compete in professional career with social and ethical responsibilities.
PEO2: Pursue higher studies / research in Engineering and Management.
PEO3: Become Entrepreneurs or software professionals to satisfy the latest Industrial requirements.

Program Specific Outcomes(PSOs)

PSO1: Students should be able to analyze, design and develop technological solution for a given scenario.
PSO2: Students should be able to involve themselves in life-long learning and cultivate skills for successful career, entrepreneurship and higher studies.

Department Activities

Department has organized various faculty development program and student development program during July 2022 to December 2022. Faculty of the IT department have conducted online lectures using Google classroom and Google meet and also used few simulation tools for conduction of practical sessions. Students are encouraged to publish their research work in reputed journals and to present in conferences.

Department Initiatives:

➢ At least two BE projects should be mentored by industry experts.
➢ Organize at least two project competitions.
➢ Placement should be increased at least 10%.
➢ Faculty publication:100%

Academic/ Technical achievementsof students:

✓ Mr.Shubham ,Mr.Dhiraj and Ms.Kruti from TE IT won first prize in "IDEATION-2022 " on 30/9/2022 organized by SIESGST.

✓ Mr.Ankur Rai and Mr.Shreyas kadam from TE IT secured Third prize in "IDEATION-2022 " on 30/9/2022 organized by SIESGST.

✓ Mr.Pravin ,Mr.Aniket ,Mr.Dhairya and Mr.Shubham Sankpal from TE IT secured first prize in Project Competition on 30/9/2022, Organized by IT Department,SIESGST.

✓ Mr.Aman ,Mr.Rafe ,Mr.Sahil Shaikh from TE IT secured first runner up in Project Competition Organized by on 30/9/2022, by IT Department,SIESGST .

✓ Ms.Prerna ,Ms. Shivani, Mr. Hariom ,Ms.Zeenia, Mr. Parth from SE IT secured first prize in Project Competition Organized on 30/9/2022 ,by IT Department,SIESGST.

✓ Mr. Shrinivas ,Mr. Lakashmanan and Mr. Pranav from BE IT secured first prize in Project Competition Organized on 30/9/2022 ,by IT Department, SIESGST.

✓ M Ms. Swaranjali,Ms. Gauri, Ms. Mahitha, Ms. Sai Pavani from BE IT secured first runner up in Project Competition Organized on 30/9/2022 ,by IT Department, SIESGST.

✓ Mr. Pravin Nichal of TE IT got offer of paid internship from Grow90 company with stipend Rs. 15000/- per month starting from June 15,2022.

✓ Ms. Swati Jorapur of TE IT got selected for paid internship in Lab Systems Pvt. Ltd. on July 19,2022.

✓ Janvi Ramachandran from BE IT got selected for paid internship in MentorBox on July 18,2022.

✓ Riya Singh (119A3044) of BE IT is doing internship on Business Development (Sales) from Innovators & You from June 21 2022 to July 22, 2022.

✓ Ms. Koneti Madhurya of TE IT got selected for paid internship in Lab Systems Pvt. Ltd. on Aug 01,2022.

✓ Mr.Ajay Kannan from BE.IT completed Internship on Web development for two months commencing from September 5 to November 5 at Corizo.

✓ Ms.Rai Bhoomi from TE.IT got paid internship of 3 months in LabSystem "UI/UX Designer" from 15th September 2022

✓ Ms.Shivani Pandeti of TE IT doing internship in Home Revise Education pvt.Ltd from 12/12/22.

✓ Mr. Atharva D, Ms. Dharani A, Mr. Surendra E, registered the copy right on 7/9/2022 for the work titled " Website Legitimacy and Automated fact checking" under the guidance of Dr.K.Lakshmisudha.

✓ Mr. Namah Kohil, Ms. Nishika Patel, Mr. Sufiyan Dalvi published a patent on 23/12/2022 for the invention titled "Citizenship card" under the guidance of Dr.K.Lakshmisudha.

Faculty achievements :

✓ Dr. K. Lakshmisudha, Mr. Atharva D, Ms. Dharani A, Mr. Surendra E, registered the copy right on 7/9/2022 for the work titled " Website Legitimacy and Automated fact checking".

✓ Ms.Seema Redekkar had published patent on topic," Analysis of Gene Co-expression network for identification of most influential genes linked with Glioma using network based centrality measures", on September 23,2022.

✓ Dr. K. Lakshmisudha, Mr. Namah Kohil, Ms. Nishika Patel, Mr. Sufiyan Dalvi published a patent on 23/12/2022 for the invention titled "Citizenship card".

✓ Ms.Seema Redekkar had published patent on topic," Analysis of Gene Co-expression network for identification of most influential genes linked with Glioma using network based centrality measures", on September 23,2022

✓ Dr. K. Lakshmisudha, Mr. Atharva D, Ms. Dharani A, Mr. Surendra E, registered the copy right on 7/9/2022 for the work titled " Website Legitimacy and Automated fact checking".

✓ Dr. K. Lakshmisudha, Mr. Namah Kohil, Ms. Nishika Patel, Mr.

Sufiyan Dalvi published a patent on 23/12/2022 for the invention titled "Citizenship card".

- Prof.Seema Redekkar had secured second rank for the research project titled, "Analysis of gene co-expression network for identification of most influential genes associated with GBM" in Final Round of 17th Inter-Collegiate/Institute/Department Avishkar Research Convention: 2022-23 organized by University of Mumbai, Department of Student Development. Also she represented Mumbai University in Maharashtra State Inter-University Research Convention (Aavishkar 2022-23) in Engineering and Technology Category, Post PG Level.

- Prof. Leena Ladge published the paper titled "Temperature Estimation in Multi-Core Processors using Statistical Approach for Task Scheduling" in part of the Springer book series Lecture Notes in Networks and Systems (LNNS, volume 461).

- Prof.Seema Redekkar had Presented a paper titled " Extrication of Survival Associated Genes of Glioblastoma Multiforme Patient through Statistical Modeling", at 5th International Conference on Advances in Science and Technology (ICAST), organized by K.J. Somaiya Institute of Engineering and Information Technology, Mumbai on December 2,2022.

- Prof. Stuti Ahuja published paper "Abnormality Detection and Localization in X-Rays Using Convolutional Neural Networks" in METSZET Journal, vol 7, issue 12 in December 2022.

- Dr.Lakshmi Sudha, Prof.Leena Ladge , Prof. Mrinal Khadse, Prof. Savita, Prof. Seema Redekar, Prof. Stuti Ahuja, Prof. Bushra S, Prof. Samundiswary Reviewed Research Papers for 5th International Conference on Advances in Science and Technology, IEEE-ICAST 2022 organized by K. J. SOMAIYA INSTITUTE OF ENGINEERING & INFORMATION TECHNOLOGY

- Dr. K.Lakshmisudha was invited as a Subject Expert for an UGC Interview for the post of Prof/Associate Professor of IT Department on 4th July 2022 at Shree L.R. Tiwari College of Engineering, Mira Road.

- Ms. Mrinal Khadse was invited as judge for project competition Cognition 2022 for SE IT and TE EXTC on 30/9/2022 at SIESGST.

- Ms. Bushra Shaikh was invited as judge for project competition Cognition 2022, SIESGST.

Faculty Development Programs:
- Ms. Bushra Shaikh has completed Docker Training course on the Absolute Beginners from Kodekloud on July 6, 2022.

- Prof. Savita Lohiya, has attended STTP on Artificial Intelligence and Data science from 28 June to 9 July organized by Vidyavardhini college of Engineering Vasai.

- Prof.Savita Lohiya has attended AI DS on July 4,2022 in vidyavardhini college of engineering ,vasai.

- Prof.Stuti Ahuja attended IOE on July 6,2022 in Vivekananda Education Society of Technology, Mumbai.

- Dr.Lakshmi Sudha and Prof.Viswayogita attended the Recent open-source lab on July 11,2022 in Shree L R Tiwari college of Engineering collge,Bayandar.

- Mr. Sumit Shinde has attended the Hybrid Learning Training program conducted by Tech Avant- Garde in association with AICTE on Aug 17,2022.

- Ms. Stuti Ahuja attended the Faculty Development Program on "Exploring Agile by Doing, Living and Thinking Agile" held on 16-Sep-2022 at TCS Olympus Office.

- Dr.K Lakshmisudha, Ms.Leena Ladge ,Ms.Mrinal ,Ms.Seema R, Ms.Stuti ,Ms.Bushra Shaikh Ms.Samundiswary ,Mr.Sumit ,Mr.Praveen and Ms.Smita Mane had attended FDP on "Data

Analytics in Banking conducted by Dr. Priyender Yadav, Chief Manager(statistics), SBI, Mumbai on 24/09/2022, organized by IT department ,SIESGST.

- Dr.K Lakshmisudha, Ms.Leena Ladge ,Ms.Mrinal ,Ms.Seema R, Ms.Stuti ,Ms.Bushra Shaikh Ms.Samundiswary ,Mr.Sumit ,Mr.Praveen and Ms.Smita Mane had attended FDP on "Financial Planning" on September 14, ,organized by IQAC of SIESGST.

- Ms. Stuti Ahuja has participated in IP Awareness/Training program organized by Intellectual Property Office, India on September 06,2022.

- Mr.Sumit Shinde had completed 50 hours certification course on Data Science and Big Data Analytics Hands-on with Open-source tools on 24th September 2022.

- Mr.Praveen Shinde had completed 50 hours certification course on Data Science and Big Data Analytics Hands-on with Open-source tools on 24th September 2022.

- Ms.Mrinal Khadse, Ms.Savita Lohiya and Ms.Bushra Shaikh had attended Online Faculty Development Program on " Research in Digital Age" on , 15 October 2022,SIESGST.

- Dr. LakshmiSudha ,Prof.Mrinal K, Prof.Savita L, Prof.Seema ,Prof.Stuti, Prof.Bushra ,Prof.sumit Shinde and Prof.Praveen Shinde had attended session on "MENTORING", scheduled on December 09, 2022, at 11:00am.Organized under IQAC of SIES Graduate School of Technology (SIESGST) in collaboration with SIES School of Learning and Leadership Development (SIESSLLD).

Student Development Programs:
- Prof. Samundiswary S, Prof. Praveen Shinde conducted "Value Added Course on Full Stack Web Development" with industry Resource person. (Mr. Neelakanth Dondapati, Senior Associate, Morgan Stanley- MSCI) and

- Alumini Resource person (Mr. Sujay Kadam, Software Development Engineer, Yocket) Organized by Department of Information Technology,SIESGST from Jan 2-7,2023. It was coordinated by Prof. Sumit Shinde.

- Dr.K.Lakshmi sudha, Prof. Arathi B. conducted "Value added course-Network Management and Security" with Industry resource person Mr. Chandan Sharma - Triple CCIE – 19701 (R&S, Security and Service) Organized by Department of Information Technology,SIESGST from Jan 2-7,2023. It was coordinated by Prof. Smita Mane.

Seminars /workshops organized by IT Department:

- Dr.Lakshmi Sudha, Ms.Savita Lohiya and Ms.Stuti Ahuja had organized Project competition for SE ,TE and BE on 30/9/2022 under IT department of SIESGST. Mr. Neelakanth D, Sr . Associate , MSCI, Mumbai has evaluated the projects.

- Prof. Leena Ladge had organized an Orientation Programme under IQAC for new faculty members of SIESGST on September 10, 2022.

- Prof. Leena Ladge had organized an awareness session on " Financial Planning and Wealth Management", under IQAC in collaboration with CTD-SIES, on September 12, 2022.

- Prof. Leena Ladge had organized "Panel Discussion 2022 - Entrepreneurship Development", under IETE Students' Forum in collaboration with EDC under MHRD, on September 13, 2022.

- Prof. Leena Ladge had organized "Ideation'22", an Idea generation Competition under IETE Students' Forum in collaboration with EDC under MHRD, on September 30, 2022.

- Ms. Stuti Ahuja had organized expert talk on "Applications of IoT in Industry" for BE IT students on 20-09-2022 by Mr. Harish Chandar, Founder-Director, India Tech Pvt. Ltd., Mumbai.

- Ms.Smita Mane had organized an "Industry expert talk on "Current Trends in Software Testing And Quality Analysis" for BE IT students by Mr. Suhas Walse , Renishaw Metrology Systems (Team Lead) on 8/10/2022.

- Prof Leena Ladge had organized the session on "MENTORING", by Dr A K Sem Gupta , on December 09, 2022, This session was organized under IQAC of SIES Graduate School of Technology(SIESGST) in collaboration with SIES School of Learning and Leadership Development(SIESSLLD).

Seminars /workshops/Faculty Development Program attended by IT Department Faculty :

- Ms. Bushra Shaikh has completed Docker Training course on the Absolute Beginners from Kodekloud on July 6, 2022.

- Prof. Savita Lohiya, has attended STTP on Artificial Intelligence and Data science from 28 June to 9 July organized by Vidyavardhini college of Engineering Vasai.

- Prof.Savita Lohiya has attended AI DS orientation program on July 4,2022 in vidyavardhini college of engineering ,vasai.

- Prof.Stuti Ahuja attended IOE Orientation program on July 6,2022 in Vivekananda Education Society of Technology, Mumbai.

- Dr.Lakshmi Sudha and Prof.Viswayogita attended the Recent open-source lab Orientation Program on July 11,2022 in Shree L R Tiwari college of Engineering collge,Bayandar.

- Mr. Sumit Shinde has attended the Hybrid Learning Training program conducted by Tech Avant- Garde in association with AICTE on Aug 17,2022.

- Ms. Stuti Ahuja attended the Faculty Development Program on "Exploring Agile by Doing, Living and Thinking Agile" held on 16-Sep-2022 at TCS Olympus Office.

- Ms.Mrinal khadse had attended faculty orientation program

"Bitcoin and Cryptocurrency"-HBCC501 organized by Terna engg college on September 13, 2022 on behalf of MU.

- Dr.K Lakshmisudha, Ms.Leena Ladge ,Ms.Mrinal ,Ms.Seema R, Ms.Stuti ,Ms.Bushra Shaikh Ms.Samundiswary ,Mr.Sumit ,Mr.Praveen and Ms.Smita Mane had attended FDP on "Data Analytics in Banking conducted by Dr. Priyender Yadav, Chief Manager(statistics), SBI, Mumbai on 24/09/2022, organized by IT department ,SIESGST

- Dr.K Lakshmisudha, Ms.Leena Ladge ,Ms.Mrinal ,Ms.Seema R, Ms.Stuti ,Ms.Bushra Shaikh Ms.Samundiswary ,Mr.Sumit ,Mr.Praveen and Ms.Smita Mane had attended FDP on "Financial Planning" on September 14, ,organized by IQAC of SIESGST.

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- Ms.Mrinal Khadse, Ms.Savita Lohiya and Ms.Bushra Shaikh had attended Online Faculty Development Program on " Research in Digital Age" on , 15 October 2022,SIESGST.

- Prof. Leena Ladge had attended a seminar on "Student Engagement: International Perspectives", facilitated by Prof Shanthi Rajan (Menon), Director, Institutional Development, University of Stirling, RAK Campus, UAE on Dec 17, 2022.

- Prof. Leena Ladge had completed 6 days National Level workshop on

- MOODLE-LMS organized by ESSGEE DIGISKILLS Learning Center , from Dec 21-26,2022.

- ✓ Prof.Savita Lohiya,Prof.Stuti Ahuja and Prof.Bushra Shaikh had attended a webinar on "SYSTEMATIC APPROACH FOR PUBLISHING RESEARCH PAPERS, INDEXING AND CITATIONS " from global leaders" on Wednesday, 7th December 2022 at 03:00 PM to 4:00 PM organized by Information Technology department, A. C. Patil COE Kharghar, Navi Mumbai.

- ✓ Dr. LakshmiSudha ,Prof.Mrinal K, Prof.Savita L, Prof.Seema ,Prof.Stuti, Prof.Bushra ,Prof.sumit Shinde and Prof.Praveen Shinde had attended session on "MENTORING", scheduled on December 09, 2022, at 11:00am.Organized under IQAC of SIES Graduate School of Technology (SIESGST) in collaboration with SIES School of Learning and Leadership Development (SIESSLLD).

- ✓ Prof.Samundiswary S had attended webinar on "An Introduction to the Metaverse" - Deepsagar Verma, Centre coordinator with Fashion Management Studies at NIFT, India

on Wednesday, 7 Dec 2022 organized by Analytics Vidhya.

- ✓ Dr.K.Lakshmisudha had attended one day workshop on " Open Source Technologies", organized by Shree L. R. Tiwari College of Engineering in collaboration with FOSSEE Project, IIT Bombay on 20/12/2022 in IIT Bombay campus.

- ✓ Prof. Leena Ladge organized Panel Discussion 2022-Entrepreneurship Development on 13/9/22 for TE IT students by Rishi Iyer , Founder-Demacloid, CPO-Assurekit, Karan Kapoor, Co-Founder Sigmaflux, Shivam Limaye, Co-owner Foote Works LLP.

- ✓ Mr.Praveen Shinde S organized an expert talk on "VueJS" on 28-09-2022 for TE students by , Mr. Sujay Kadam , Software Development Engineer, Yocket, Mumbai.

- ✓ Ms.Mrinal Khadse Organized expert talk on "Cloud technology career in the IT industry - AWS" for TE & BE IT students on 21/09/2022 by Ms. Pooja Nambiar IAM Developer, Morningstar.

- ✓ Prof.Stuti Ahuja and Prof.Samundiswary S have organized "Expert Talk on

Applications of Data Structures in Indutry" for SE and TE IT students by Mr.Rajeev Bandi-Software Developer FYNDNA Techcorp Private Limited on 15/10/22.

- ✓ Prof Seema Redekkar had organized "Expert Talk on Advance Java Topic "Spring Boot"Designation: Software Developer" for SE IT students by Ms. Reetu Desai-Software Engineer, Baker Hughes,Mumbai on 15/10/2022.

- ✓ Prof. Leena Ladge had organized "Webinar on Leadership & Organization Development" for TE IT students by Mr. Ashok Krishnan, Chief Operations Officer at Wisdom Tree, SIESGST Alumnous on 1/10/2022.

- ✓ Prof.Bushra Shaikh had organized Workshop on "DevOps with Azure " for TE IT students by Ms. Abhinaya Pillai- Data Engineer (Azure),Oneture Technologies on 8/10/2022

Quote from the Editor's Desk:
"You have to grow from the inside out. None can teach you, none can make you spiritual. There is no other teacher but your own soul." – Swami Vivekanada