



IT NEWS LETTER

DEPARTMENT OF INFORMATION TECHNOLOGY

July-Dec 2021

Department of Information Technology came into inception in the year 2002 with an approved intake of 60 students. The department spreads over basement, first, second, third & fourth floor of the college campus which accommodates 3 class rooms and an equipped laboratory. The entire laboratory area is modularized into 5 software laboratories consisting of 157 computers with Internet connectivity, two hardware laboratory and 8 printers. All the labs and faculty rooms are air-conditioned with the UPS back up.

The programme of Bachelor of Engineering in Information Technology is being conducted in accordance to the course curriculum prescribed by University of Mumbai. We have an academically strong team of 11 faculty members and 3 non-teaching staff in tandem with an equally well equipped library (both Institutional and departmental). 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-curricular activities 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 of curriculum.

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. Amit Pandhare



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 January 2020 to June 2020. 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.

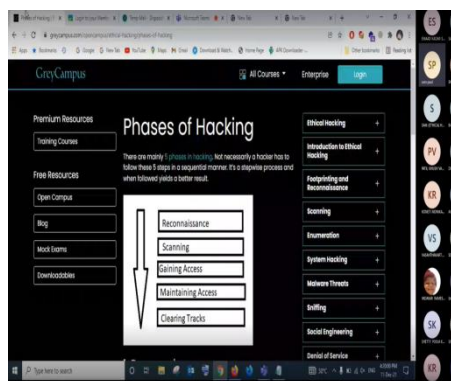
Department Initiatives:

- 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%

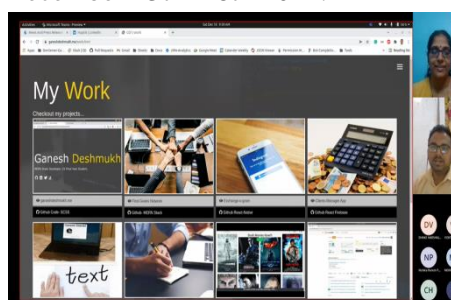
Academic/ Technical achievementsof students:

- ✓ ISF of SIES Graduate School of Technology organized Panel Discussion 2021-Entrepreneurship Development on 13th Oct 2021 under the guidance of Prof. Leena Ladge, ISF Co-coordinator.
- ✓ 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.



- ✓ Department of Information Technology has organized SDP on Full Stack Web Development on December 13th -18th 2021.



- ✓ Ms.Srinidhi Varadarajan from TE IT has successfully completed the React.js internship at LTI in July, 2021.
- ✓ Ms.Shruti Srikant from TE IT has successfully completed Java Spring boot internship at LTI in July 2021.
- ✓ Ms.Abhinaya from BE IT has successfully completed an online non-credit course authorized by University of Michigan and offered through Coursera on “Programming for Everybody (Getting Started with Python)” on July 6, 2021.
- ✓ Mr.Sahil Raut of TE IT has successfully completed 6 days National workshop on “ReactJS” organized by Department of Information Technology, Universal College of Engineering.
- ✓ Mr.Udayan Iyer from TE IT has successfully completed the Course :The road to dynamic programming: Java,JavaScript& python from Udemy, in July 2021.
- ✓ Mr.Prajyot Bhoir from TE IT has successfully completed two Courses : i. HTML , JavaScript and Bootstrap ii. Web Developer Bootcamp in July 2021, from Udemy.
- ✓ Mr.Abhishek Singh from TE IT has successfully completed the course :

Cyber Security fundamentals from IBM,in July 2021.

- ✓ Ms.Simran Kaur Shembe, from TE IT completed eight weeks Internshala training on “Digital Marketing” on August 03,2021.
- ✓ Mr.Abhishek Singh from TE IT has attended three days' workshop on “QuickStart to IOT” organized by SAKEC, Mumbai, in August 2021.
- ✓ Ms. Asmi Nitin Sawant from SE IT has completed: Build a full Website using WordPress Coursera Guided project in August 2021.
- ✓ Mr. Mohammad Numan of TE IT completed 3 months ‘Full Stack Development Internship’ at A-dot Creations with ‘5 Star Performance’ and got promotion as Senior Full Stack Developer Intern on 08-09-2021.
- ✓ Mr.Aayush Parab of BE IT has participated in Xelathon , coding challenge by exela technologies and received bronze certificate on September 18, 2021.
- ✓ Ms.JaiJanani Radhakrishnan of TE IT has participated in competition ‘SOLVEATHON’ from Unicef-Cognizant-YuWaah on September 12- October 31,2021.
- ✓ Mr.Rohan Nashikkar of SE IT completed course Cloud Engineering Track and Data Science & Machine Learning Track in 30 Days of Google Cloud Program, in November 2021
- ✓ Mr.Namah Kohli of TE IT selected for paid internship in Ridenet Technologies for 2 months with Rs. 5000 stipend per month from Dec 6,2021.
- ✓ Mr.Pravin Nichal completed Flutter Development internship with Simba Developers from 12th June 2021 to 12th December 2021.

Faculty achievements :

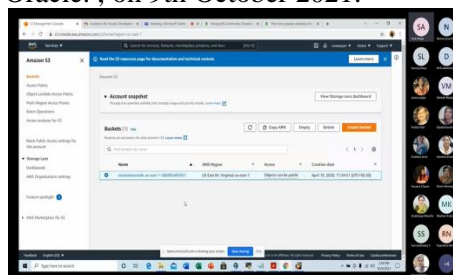
- ❖ Dr.LakshmiSudha has presented a paper in Poster presentation on in Symposium on “ Innovative Teaching Learning in Engineering Education (ITLEE)-2021”, held on 2nd and 3rd July 2021, organized by Department of Computer Engineering, SIES Graduate School of Technology, Nerul, Navi Mumbai.
- ❖ Ms.Leena Ladge has organized a session on "Procedural Aspects of IPR" for all the faculty members, under IQAC in collaboration with R & D, conducted by Mrs.Rashmi Hingmire, Patent Agent, GMGC, INDIA on July 24, 2021.
- ❖ Ms.Leena Ladge has organized a session on " Research paper Writing & Publication" for all the faculty members, under IQAC in collaboration with R & D, conducted by Dr. Y. S. Rao, Vice Principal, SPIT and Dr.Pramod Bhavarthe, HOD, EXTC, VPPCOE, on July 31, 2021.
- ❖ Ms.Bushra Shaikh has successfully completed Version Control with Git – Coursera course on August 3, 2021.
- ❖ Dr.K.Lakshmisudha has been invited as a session chair for technical paper presentation track on AI & ML in IEEE sponsored International conference(ICSES 2021) held at the Department of Computer science and Engineering, St.Joseph’s Institute of Technology, Chennai, Tamilnadu, India during September 24-25, 2021.
- ❖ Ms.Seema Redekkar presented a paper in IEEE conferences on “Technologies for Future Cities (CTFC 2021)", organized by Pillai College of Engineering, New Panvel, on October 9, 2021.
- ❖ Ms. .Bushra Shaikh has organized an expert talk for BE IT on “Mobile App Penetration Testing by Mr.Samuel Paul -Information security consultant, AAA technologies on 09/10/2021.
- ❖ Ms.MrinalKhadse has organized an expert talk for TE IT on “Automation deployment and management of containerized application using Kubernetes”, by Mr.OmkarPatekar-Software Engineer, Tech Mahindra on 07/10/2021.
- ❖ Ms.LeenaLadge has organized an

expert talk for BE IT on MIS by Mr.Rohan Choksy -Engagement Manager, QuantifiInc, on 23/10/2021.

- ❖ Ms.Samundiswary S organized an expert talk for SE on “Introduction to Scripting Languages” by Ms.Rukhsar Khan -Senior Software Engineer, ConnectWise LLC on 15/11/2021.
- ❖ Ms.Leena Ladge presented the research paper in International Conference on Communication and Intelligent Systems held online during Dec 18-19, 2021, organized by NIT, Delhi.
- ❖ Ms.Mrinal K has completed AWS Academy Graduate-AWS Academy Cloud Foundation course on 30/12/2021.
- ❖ Ms.Leena Ladge organized 2 events under IETE Student’s Forum. Details are as below.(i) Workshop on “Cybersecurity and penetration testing” was conducted on Dec 11, 2021 The resource person for the Event was Mr. Samuel Paul who is an Ethical Hacker working at AAA Technologies Ltd. (ii)Webinar on “Road to Higher Studies “ was conducted on Dec 17, 2021 which was aimed to give students an idea about how to pursue higher studies in india/abroad .The resource persons were Mr.Unnikrishnan , Zoox USA and Ms.Anitha Ranganathan, Amazon USA.
- ❖ Ms.Stuti Ahuja, Mr.Amit Pandhare and Ms.Samundiswary S conducted value added course (40 hrs) on “Full Stack web development” for TE and BE students of EXTC, IT and CS students from 13/12/21 to 18/12/21.

Faculty Development Programs:

- IT department has organized a Faculty development Program on "Administration of Mongo DB and Overview of AWS" by Mr.Sreejith Sreedharan, Sr. Software Engineer, Oracle. , on 9th October 2021.



- IT department has organized an ISTE Approved one week STTP on "Data Science and Use of

Visualization Tools" on 6th Dec to 11th Dec 2021.

Student Development Programs:

- Department of Information Technology has organized SDP on “Networking Management and Security”, conducted by Dr.Dipanjana 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 has organized SDP on Full Stack Web Development by Prof. Samundiswary s. Prof. Amit Pandhare on 13th -18th December 2021.

Seminars /workshops organized by IT Department:

- IT department has organized a Faculty development Program on "Administration of Mongo DB and Overview of AWS" by



Mr.Sreejith Sreedharan, Sr. Software Engineer, Oracle. , on 9th October, 2021.

- IT department has organized an ISTE Approved one week STTP on "Data Science and Use of Visualization Tools" on 6th Dec to 11th Dec 2021.
- Department of Information Technology has organized SDP on “Networking Management and Security”, conducted by Dr.Dipanjana 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 has organized an Expert talk on “Software Testing Tool: Cucumber” by Mr.Sunit Kole, Automation Consultant, Momentum Metropolitan Services, on 6th

August 2021 for BE IT.

- IT department has organized an Exprt talk on “Recent Trends in Information Technology”, by Mr.KoustubhModhave on 7th August 2021 for TE IT.
- IT department has organized a Technical Talk on “Azure DevOps and Selenium”, by Mr.Akhil Nair, Assistant Manager at Jio Thane, Maharashtra, India, on 18thSeptmber 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.OmkarPatekar, Software Engineer, Tech Mahindra on 07th October 2021 for TE IT.
- IT department has organized an Expert Talk on Mobile App Penetration Testing by MR. Samuel Paul, Information Security consultant, AAA Technologies, Mumbai on 09th October 2021.
- IETE Students’ Forum and Entrepreneurship Development Cell of SIES GST organized Panel Discussion 2021-Entrepreneurship Development on 13th October 2021, under the guidance of Prof. Leena Ladge, ISF Co-coordinator.
- IT department has organized an Expert Talk on “NoSql Database :MongoDB” by Mr.Siddhesh Karandikar, Software Engineer Mindnerves Technology Pvt. Ltd, Pune., on 18th October 2021.
- IT department has organized an Expert Talk on “Importance of Data Structures in Industry” by Ms.Reetu Desai, Baker Hughes, Mumbai conducted on 23rd October 2021.
- IT department has organized an Expert Talk on “Software Testing” by Ms.Supriya Iyer , Ingram Micro on 23rd October 2021.
- IT department has organized Expert talk for MIS: BI in MIS An Industry perspective by Mr.Rohan Choksy, Engagement Manager in QuantifiInc on 23rd October 2021.
- IT department has organized Expert talk on Introduction to Scripting Languages by Ms.Rukshar Khan, Senior Software Engineer, Connectwise LLC on 15th November 2021.
- IT department has organized SDP on Full Stack Web Development by Prof. Samundishwary S Prof.

AmitPandhare on 13th -18th December 2021.

- IT department has organized Orientation Programme on Wireless technology & Sensor Lab (Rev 2019).

Seminars /workshops/Faculty Development Programattended by IT Department Faculty :

- Dr.LakshmiSudha has attended interaction session on Dr Deepak Pathak, IIT Bombay on July 17, 2021.
- Ms.Seema Reddekar has attended Faculty Orientation program on "Advance Data Management Technologies (ITDO5012)” organized by Department of Information Technology, S.S. Jondhale College of Engg. in association with University of Mumbai on 2nd July, 2021.
- Ms.Seema Reddekar has attended Webinar on "Integrating Scopus in Research Workflow” organized by at Elsevier, on Wednesday 14 July, 2021.
- Ms.Bushra Shaikh and Ms.Savita Lohiya have attended Symposium on Innovative Teaching-learning Techniques for Engineering Education (ITLEE-2021), SIESGST, Jul 02, 2021 To Jul 03, 2021.
- Dr.K.Lakshmisudha, Ms.Leena Ladge, Ms.Mrinal Khadse, Ms.Savita Lohiya, Ms.Bushra S, Ms.Stuti Ahuja, Ms.Samundiswary, Ms.Seema Redekar, Mr.Amit have attended Session on "Procedural Aspects of IPR", Organized by IQAC in collaboration with R & D Cell, SIES GST, scheduled on July 24, 2021.
- Dr.K.Lakshmisudha, Ms.Leena Ladge, Ms.Mrinal Khadse, Ms.Savita Lohiya, Ms.Bushra S, Ms.Stuti Ahuja, Ms.Samundiswary, Ms.Seema Redekar, Mr.Amit have attended session on "Research Paper Writing & Publishing" on July 31, 2021 Organized by IQAC in collaboration with R & D Cell of the Institute, 2020.
- Dr.LakshmiSudha and Ms.Samundiswary S have attended webinar on “Tools for cyber

security for youth” on 11Sep, 2021 organized by Department of computer engineering SIESGST.

- Ms Samundiswary S has attended “Applications of Artificial Intelligence (AI)” on 23 September, 2021 organized by Center of Excellence – Intelligent Robotic Systems, Department of Electrical & Electronics Engineering, CMR Institute of Technology, Bengaluru.
- Dr.K.Lakshmisudha, Ms.Leena Ladge, Ms.Mrinal Khadse, Ms..Savita Lohiya, Ms.Bushra S, Ms.Stuti Ahuja, Ms.Samundiswary S , Ms.Seema Redekar, Mr.Amit P have attended Faculty development Program on “Administration of Mongo DB and Overview of AWS” on 9th October,2021 Organized by IT Department , SIESGST.
- Dr.LakshmiSudha, Ms.LeenaLadge, Ms.StutiAhuja, Ms.SavitaLohiya ,Ms.Seema R, Ms.BushraShaikh, Mr.Amit P, Ms.Samundiswary S and Ms.VishwaYogita have attended the Faculty Development Program on "IOT :Our Connected World" conducted by Department of Electronics and Telecommunication on 30/11/21.
- Ms.Samundiswary S has attended one day online NVIDIA DLI workshop on Fundamentals of Deep Learning and completed demonstrating competence in the completion of “Fundamentals Of Deep Learning” on 27/11/2021.
- Dr.LakshmiSudha, Ms.LeenaLadge, Ms.Mrinal K, Ms.StutiAhuja, Ms.SavitaLohiya ,Ms.Seema R, Ms.BushraShaikh, Mr.Amit P, Ms.Samundiswary S and Ms.VishwaYogita have attended the short term training program(STTP) on Data science and Visualization organized by department of Computer Science, ECS and IT ,SIESGST from 06/12/21 to 11/12/21.
- Ms.Mrinal K has attended STTP on “Cyber-Risk and Security” organized by RAIT from 14/12 /21 to 20/12/21.
- Ms.Mrinal K has completed AWS Academy Graduate-AWS Academy Cloud Foundation course on 30/12/21.

ote 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

