Editors
Prof. Seema Redekar
Prof. Bushra Shaikh

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-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 socioeconomic growth.

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 2024 to June 2024. Students are encouraged to publish their research work in reputed journals and to present in conferences.

Department Initiatives:

- ✓ To encourage students (SE/TE/BE) to persue International certification in emerging technology.

Academic/ Technical achievements of students:

Patents and copyrights

- ✓ Mr. Anuragh Singh, Mr. Shreyas Kadam has Filed Patent on Aim Assist on Feb 2024.

Technical Activities:

- ✓ Mr.Kunal khumbare , Mr.Mayank Raj, Ms.Aditi Nair and MS.Shreya Idate of BE IT had presented a Research paper on "Web 3.0 and NFT: Exploring the future of Digital Asset Ownership" in the IEEE conference, International Conference on Advanced Computing and Communication System ICACCA-2024 organized by Shree Ishwar college of Engineering, Coimbatore on 15 March 2024.
- ✓ Mr.Devang, Ms.Parakh and Mr.Aditya from BE - Presented research paper titled "An Analysis of Multimodal Fusion in Deepfake Detection for Video Samples" in ICATM 2024 and won best paper award, organized by A.C. Patil College of Engineering, on 5-6 April, 2024.
- ✓ Mr.PravinG, Mr.Dhairya Kukadia, Mr.Shivam Chaudari and Ms. Vedika from BE presented research paper Local serve: A Equitable Dynamic Pricing for Local Services in RAEEUCCI - 2024 held on 17th& 18th April 2024, organized by the Department of Electronics and Communication Engineering, SRMIST.
- ✓ Ms.Apoorva, Ms.Simran, Mr.Shlok and Ms. Harsshita from SE - Presented research paper titled "Enhancing blueprints with AR: Crafting a creative Walkthrough experience" in ICATM 2024 organized by A.C. Patil College of Engineering, on 5-6 April, 2024.
- ✓ Mr.Atharva and Ms.Soumya Selvan from BE - published an article entitled "Plant Health at your Fingertips (Using NODE MCU)" in International journal of computer science &Mechatronics-Volume 10, Issue 3, 2024.
- ✓ Mr.Dhiraj shelke from BE IT doing internship position as a Tech Development Intern at Ambola Health Pvt. Ltd., effective from 29/11/2023 to 29/01/2024 with stipend of Rs. 12,500 per month.
- ✓ Gauri Padhye completed online internship in Web Development 7. Sahil Anjarlekar completed internship at SERVICE PVT LTD as Service Now developer.
- ✓ Gargie Raut Completed online internship in machine learning 9. Ms. Sanjana Iyer Completed internship at Forage Advanced Software Engineering Job simulation of Walmart Global Tech
- ✓ Mr.Devang Mulye and Ms.Vaibavee thakur from BE IT selected as intern for analytics of six month paid internship(20K) in Dun & Bradstreet Information services India pvt.Ltd.

Faculty achievements :

- ✓ Prof. Savita Lohiya completed the NPTEL Course with Elite rank on User interface design.
- ✓ Prof. Bushra Shaikh completed a course on Python and SQL for Data Science on 2nd May 2024.

Patents and copyrights:

- ✓ Dr. Sulochana has published a patent on "Scalable Deep Learning Framework for Wearable Health Monitoring Devices" in Jan 2024.
- ✓ Dr. Sulochana has been granted patent on "AI Based Device For Monitoring Patient Health", in march 2024.

- ✓ Prof Savita Lohiya has Filed Patent on Aim Assist on Feb 2024.

Value-added courses:

- ✓ Dr. Sulochana, Dr. S. Poornima and Prof. Samundiswary have conducted a value added course on Deep Learning during Jan 1-5, 2024.
- ✓ Prof. Seema Redekar, Prof. Savita Lohiya, Prof. Sampada Lovalekar, and Prof. Kalpana Bodke, have organized Course on Programming, Database Management and Soft Skill on June 24 to June 29, 2024.
- ✓ Prof. Leena Ladge, Prof. Mrinal Khadse, and Prof.Bushra have conducted a value added course on Software Engineering with Advanced DevOps on June 26 - 29, 2024.

Faculty Development Programs:

- ✓ Dr.Poornima S had Submitted a FDP Proposal titled "Advanced Deep Learning Language Models" to ATAL on 24th May.

Seminars /workshops organized by IT Department:

- ✓ Career guidance workshop for Second year students on "overview on verticles in Information Technology "is organized under Tech paathshala on 29/2/2024.
- ✓ Prof. Seema Redekar had organized an Expert talk on Big Data Tool conducted by Mr. Robin K,Morgan Stanley for BE IT students on 15/3/2024.
- ✓ Prof. Samundiswary S had organized an expert talk on "Django Python framework" conducted by Mr. Niranjan Patil from Media .net for TE IT students on 18/3/2024.
- ✓ Prof. Mrinal K had organized a Workshop on " Digital forensics with Kali Linux". conducted by Mr. Yogesh Jadhav -Techno jack solutions for TE IT students on 14/3/2024.
- ✓ Dr. Poornima had organized an Expert talk on Blockchain conducted by Mr. Yogesh Jadhav - Technojack solutions for BE IT students on 15/3/2024.
- ✓ Prof Leena Ladge organized Techxter, a national level technical paper presentation competition under IETE Students' Forum on March 22, 2023.
- ✓ Prof Leena Ladge and Prof Mrinal Khadse organized visit to Idea lab of SPIT, Andheri for SE IT students on March 14,2024.
- ✓ Prof. Sampada Lovalekar, Prof. Kalpana Bodke & Prof. Savita Lohiya organized industrial visit at Tecpathshala on March 7,2024
- ✓ Prof. Savita Lohiya had organized an expert talk on "machine learning" on 4th April 2024 for TE IT conducted by Mr. Surendra Ediga- Senior Tech Lead at Vishleshan Software solutions, Powai, Mumbai
- ✓ Prof.Sampada L organized an expert talk "How to use AI technology to communicate with end user" for TE students on 2/4/2024 by Mr. Karan Balkar, LTI MindTree.

Publications:

- ✓ Ms.Mrinal Khadse presented a Research paper on "Web 3.0 and NFT: Exploring the future of Digital Asset Ownership" in the IEEE conference, International Conference on Advanced Computing and Communication System ICACCA-2024 organized by Shree Ishwar college of Engineering, Coimbatore on 15 March 2024
- ✓ Dr. Poornima S presented a research paper titled "Enhancing blueprints with AR: Crafting a creative Walkthrough experience" in ICATM 2024 organized by A.C. Patil College of Engineering, on 5-6 April, 2024.
- ✓ Prof. Bushra Shaikh presented a paper titled 'Roomify AR: Rendering Multiple Models to Design Your Room' in 6th International Conference on Inventive Computation and Information Technologies [ICICIT 2024] on 16th April 2024.
- ✓ Prof.Samundiswary S presented paper Local serve: An Equitable Dynamic Pricing for Local Services in RAEEUCCI - 2024 held on 17th& 18th April 2024, organized by the Department of Electronics and Communication Engineering, SRMIST
- ✓ Prof.Samundiswary S had published research paper" Subjective Evaluation of Management Information System Using Latent Dirichlet Allocation Approach in Machine Learning"- IJARBEST Vol.10, Issue.5, May 2024.
- ✓ Prof.Mrinal K presented paper in International Conference on Computer Science, Machine Learning and Big Data (ICCSMLBD) on "HealthChain Secure: A Blockchain-Based EHR" on 28 May 24.

- ✓ Prof.Samundiswary S had presented research paper entitled "Multimodal Information Extraction: A systematic Review of subtask, modal types and applications based on Deep Learning in Banking sector" in 5th International Conference of Emerging Technology (INCET 2024) during 24th to 26th May 2024.

- ✓ Prof. Samundiswary S had published an article entitled "Plant Health at your Fingertips (Using NODE MCU)" in international journal of computer science &Mechatronics- Volume 10, Issue 3, 2024.

- ✓ Prof. Seema Redekar presented paper titled "Ambulo:Mobile Application for Online Ambulance Booking" in IEEE Conference ICAAIC 2024 during 5-6 June 2024

- ✓ Prof. Seema Redekar presented paper titled Real Estate Management System using Blockchain in IEEE Conference ICAAIC 2024 during 5-6 June 2024

- ✓ Prof. Samundiswary Attended NPTEL workshop on Application of No code Artificial Intelligence Tools for Academic Research on June 15-16, 2024.

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

- ✓ Ms.Seema R, Dr. Poornima S, Ms.Leena Ladge,Ms.Mrinal Kadse, Ms.savita Loiya,Ms.Bushhra shaikh, Ms.Sampada L, Ms.Sulochana M and Ms.Kalpana Boadke had attended faculty development program on "OpenAI Tool for Research" on 24/2/2024 organized by Department of Information Technology at SIESGST.

- ✓ Ms.Seema Redekar had attended Faculty Enrichment Program at LTI Mindtree, Mahape, Navi Mumbai on February 27-2024.

- ✓ Dr. Poornima attended a Faculty Development program on Ethics in Engineering organized by the Humanities Science department, SIESGST on 23 March 2024.

- ✓ Prof. Sampada Lovalekar attended FDP on: Ethics in Engineering organized by the Humanities Science department, SIESGST on 23 March 2024.

- ✓ Prof. Savita Lohiya had attended a four-week AICTE approved FDP on User Interface Design by NPTEL.

- ✓ **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.