



IT NEWS LETTER

DEPARTMENT OF INFORMATION TECHNOLOGY

July- Dec 2023

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.

Editors
Prof. Seema Redekar
Prof. Bushra Shaikh

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 2023 to December 2023. 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 pursue International certification in emerging technology.

Academic/ Technical achievements of students:

Patents and copyrights

- ✓ Ms. Pranali D, Mr Numan A, Mr Pravin N and Prof Leena Ladge registered the copyright for the

software “Unified Validation Interface”, on August 03, 2023.

- ✓ Mr.Salman A, Mr.Kunal K, Mr. Mayank, Mr. Aman P, Mr. Dhairya and Mr. Ruchir Rao has filed a copyright on Mentor Mentee Connect on August 26, 2023.

Sports achievement:

- ✓ Mr. Deep Panchal of SE IT won 3 gold medals in Navi Mumbai association of Kickboxing and Sports.
- ✓ Satish Nadar from BEIT secured third place in inter zonal football tournament held on 11/11/23 held at university sports pavilion, Marine lines.

Technical Activities:

- ✓ Ms. Tanushka Bodwani completed Web Development course at Bharat Intern.
- ✓ Ms. Tanushka Bodwani completed Cloud Computing course organized by CSE department SIES GST.
- ✓ Ms.Drashti Shah from BE IT had successfully completed “Understand Data for ML” in 9th December 2023.
- ✓ Mr.Dhiraj Shelke, Mr.Anurag Singh, Mr.Shreyash Kadam and Mr.Mohit Shetty from BE IT had participated and selected to finals for a Research Project titled Aim Assist – An advanced laser-based system for sharp shooting training in Engineering and Technology Category and UG Level at 18th Aavishkar: Inter-Collegiate /

Institute /Department Research Convention (Zonal Round) organized by the University of Mumbai at Vivekanand Education Society's Institute of Technology, Chembur, Mumbai on December 15 2023 for Engineering Colleges/Institutes Zone.

- ✓ Ms. Shraddha Ghule Completed an online certification in Cyber Security course.
- ✓ Ms. Gauri Padhye Completed a value added course in sdp “Ethical Hacking and Digital Forensics”,
- ✓ Ms. Gauri Padhye completed Python certification on Udemy,
- ✓ Ms. Apoorva Saxena completed Javascript and react. Js Bootcamp(devtown).
- ✓ Mr.Kunal Kumbhare, Mr. Mayank Raj, Ms. Aditi and Ms. Shreya from BEIT won first prize in Cognition’23 Project Competition held in October 2023.
- ✓ Mr. Aditya Yadav, Ms. Parakh and Mr. Devang M from BEIT won second prize in Cognition’23 Project Competition held in October 2023
- ✓ Mr. Iliyaz, Mr. Prajwal, Mr. Ritik and Mr. Suhail from TEIT won first prize in Cognition’23 Project Competition held in October 2023.
- ✓ Mr. Shubham, Mr. Hariom, Mr. Sahil and Ms. Sanika from TEIT won second prize in Cognition’23 Project Competition held in October 2023.
- ✓ Mr. Pauras, Mr. Sundaram, Mr. Tanish and Mr. Vedant from SEIT won first prize in Cognition’23 Project Competition held in October 2023.

- ✓ Mr. Shlok, Ms. Apoorva,, Ms. Harshita and Ms. Simran from SEIT won second prize in Cognition'23 Project Competition held in October 2023.

Faculty achievements :

Patents and copyrights:

- ✓ Prof. Bushra S. filed a copyright on Mentor Mentee Connect on August 26, 2023.
- ✓ Prof Leena Ladge registered the copyright for the software “Unified Validation Interface”, on August 03, 2023.

Value-added courses:

- ✓ Prof. Bushra S. was a reviewer at 3rd International conference on Advanced Computing Technologies and Applications 2023 organized by S.V. K,Ms D.J. Sanghavi College of Engineering.
- ✓ Prof. Mrinal Khadse was a reviewer at 3rd International conference on Advanced Computing Technologies and Applications 2023 organized by S.V. K,Ms D.J. Sanghavi College of Engineering.
- ✓ Prof. Seema Redekar was a reviewer of IEEE conference ICICS 2023 organized in August 2023
- ✓ Prof. Mrinal Khadse was a reviewer at ICAST 2023 at KJSIT, Sion, Mumbai.
- ✓ Prof. Savita Lohiya was a reviewer at ICAST 2023 at KJSIT, Sion, Mumbai.
- ✓ Prof. Bushra Shaikh was a reviewer at ICAST 2023 at KJSIT, Sion, Mumbai.

Faculty Development Programs:

- ✓ Prof. Leena Ladge attended the Industry Oriented FDP on Machine Learning, Deep Learning and Raspberry Pi integration for Real World Solution, at SPIT, Andheri from 31st Jul to 5th Aug, 2023.

Seminars /workshops organized by IT Department:

- ✓ Prof. Samundiswary S. has completed workshop on Introduction to Language models” from 17-21 July organized by NPTEL.
- ✓ Prof. Leena Ladge has Organised faculty orientation program regarding “Mainting Faculty Handbook and Course File”, under IQAC , conducted by Prof Biju B, on July 22,2023.
- ✓ Prof. Leena Ladge organised a session on "Angel Investment/VC Funding for early stage Entrepreneurs", through IETE Students' Forum under MHRD initiatives, on August 31, 2023.
- ✓ Ms.Samundiswary S organized an Expert talk -"Introduction to Scala programming" on 28/8/23 for SE by SIESGST IT alumni Shreya Ganesh LTI Mind Tree.
- ✓ Prof. Leena Ladge organized "Outreach Activity on Cybersecurity Awareness", at SIES Dr. A P J Abdul Kalam Memorial High School, on September 13, 2023. This event was conducted by IETE Student's' Forum.
- ✓ Ms. Mrinal Khadse organised

- Expert Talk –“Industry Level Python” on 14/08/2023 for TEIT by SIESGST IT Alumni Mr. Mithil Poojari.
- ✓ Prof. Leena ladge organised Ideation'23-Idea generation competition in collaboration with NGO, Child Help Foundation, on October 17, 2023. This event was organized under IETE Students' Forum.
- ✓ Prof. Seema Redekar organized expert talk on “Advance Database Technologies” by alumni Mr. Siddhesh Karandikar
- ✓ Prof. Bushra Shaikh organized "Expert talk on Selenium Testing” by Ms. Dipika Bhanushali.
- ✓ Prof. Savita Lohiya organized expert talk on “How to create API Using spring framework” by Mr.Aftab Shaikh.
- ✓ Dr. Poornima organised an expert talk on ARVR- Real time Applications” by Mr. Aditya Thakur arranged.
- ✓ Prof. Sampada Lovalekar has organised an expert talk on “Remote collaboration using 5G communication system“ by Mr.Karan Balkar

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

- ✓ Prof. Poornima S. Attended workshop on Research analysis through SPSS on 29th Nov 2023.
- ✓ Prof.Seema Redekar, Dr.Poornima S, Prof. Leena Ladge, Prof. Mrinal Khadse, Prof. Savita Lohiya, ,

Prof. Bushra S, Prof. Samundiswary S, Prof. Sampada G, Prof. Kalpana B and Dr. Sulochana M have attended one week STTP on “NEP 2020 and Autonomy in HEI” from 18th December to 23rd December 2023, SIESGST

✓ Prof. Seema Redekar, Dr. Poornima S, Prof. Leena Ladge, Prof. Mrinal Khadse, Prof. Savita Lohiya, ,

Prof. Bushra S, Prof. Samundiswary S, Prof. Sampada G, Prof. Kalpana B and Dr. Sulochana M have attended training session on IEEE Explore-ASPP on 2nd Dec 2023 organized in SIESGST

✓ Prof. Sampada G had attended Online session on Ethical writing of Research Papers on 21/12/23.

✓ Prof. Sampada G had attended

ISTE approved 2 weeks STTP on "AIML & Data science on health care" from 11/12/23 to 22/12/23 organized by Atharva College of Engineering, Malad(W), Mumbai

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 Vivekananda