DEPARTMENT OF INFORMATION TECHNOLOGY   July - Dec 2024

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.Samundiswary S.

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 2024 to December 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 National/International certification in emerging technology. 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.

Academic/ Technical achievements of students:

Technical Activities:

- ✓ Ms. Vaishnavi Parab from TE IT won first prize in research paper presentation competition 2024 organised by CSI-VSIT in Blockchain track in August 2024

- ✓ Ms. Shravani M from TE IT won first prize in research paper presentation competition 2024 organised by CSI-VSIT in Blockchain track in August 2024

- ✓ Ms. Swati Kaushal from BE IT successfully completed paid internship with stipend of Rs. 14,000/- per month in Capgemini from June 03, 2024 to August 02, 2024

- ✓ Ms. Shreya Patil from SE IT secured first rank to 0-1 Journey organized by Google Developer Group of SIES GST, in collaboration with Pan IIT Alumni Association.

- ✓ Mr. Shreyas K from TE IT ccompleted JIO internship during June-August 2024

- ✓ Mr. Aryan Patil from SE IT completed summer school training and internship programme in cyber security and ethical hacking at Coventry University between July 1-July 30, 2024.

- ✓ Amsa Konar from BE IT have completed internship at Scitara Technologies from 24 June to 24 July 2024

- ✓ Ms. Sarah Shaikh from TE IT competed Data Analytics using Power BI Bootcamp from 29/07/24 to 02/08/24 in collaboration with N.S.D.C.ITM Edutech Training.

- ✓ Ms. Sarah Shaikh from TE IT completed Administrative Professional Foundation course on July 27,2024

- ✓ Ms. Asmi Sawant, Ms. Swati Jorapur, Ms. Koneti Madhurya and Ms. Bhoomi Rai from BE IT published the paper titled "Enhanced logistics management through predictive modelling and analysis framework" is published in IEEE explorer on September 19, 2024.

- ✓ Ms. Shreya and Mr. Varun from SE IT selected for Parul Hackverse-Hackathon 2025, Parul University, Vadodara campus in December 2024.

Faculty achievements:

- ✓ Prof. Savita Lohiya worked as a coordinator for Cognition project competition held on 20th September 2024

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- ✓ Prof. Seema Redekar Completed Open Defense of PhD. on July 24, 2024

Value-added courses:.

- ✓ Prof. Samundiswary S. and Prof. Kalpana R Bodke organized a value added course on Full-Stack Web Development with JavaScript on December 16 to 21, 2024

- ✓ Ms. Samundiswary S. & Ms. Kalpana R Bodke have organized a value added course on Modern Frontend Development with React and TypeScript on December 23 to 27, 2024

Faculty Development Programs: Seminars /workshops organized by IT Department:

- Prof. Savita Lohiya organized expert talk for BE Students by Karan sawant on Artificial intelligence and data science on 31/08/2024

- Prof. Samundiswary S organized expert talk on Introduction to Java SpringBoot Framework for SE-IT by expert Ms. Nithya Kannan, Morgan Stanley on 31/08/2024

- Prof. Seema R arranged expert talk on Industry Insights for SE-IT by Waqar Siddiqui on 14/08/2024

- Prof. Seema R arranged expert talk on Carrier Guidence for TE-IT by Mr. Hemant Redkar on 08/08/2024

- Prof. Leena Ladge arranged expert talk on Session on Deconstructing the startup journey for TE-IT by Mr. Shivam Limaye on 30/08/2024

- Prof. Sulochana Madachane arranged expert talk on" Practical approach of data structure and algorithm" for TE IT by Dhanashree Joshi on 23/08/24

- Prof. Leena Ladge, organized Ideation, idea generation competition, state level event. This was organised by IETE Students' Forum, in association with Child Care Foundation, under MHRD initiatives on 21/09/2024

- Prof. Leena ladge organized Session on Entrepreneurship and Innovation as Career opportunity. This was organized by IETE Students' Forum under MHRD initiatives on 30/11/2024

- Prof. Kalpana B and Prof. Leena L.

Organised a workshop on " Learn Security tools with Kali", conducted for TE IT students on 17/09/2024

- Prof. Leena Ladge organized, Outreach Activity on "Artificial Intelligence, its applications and its implications", at SIES Dr. A P J Abdul Kalam Memorial High

- School. This event was conducted by IETE Student's' Forum on 02/09/2024

- Prof. Leena Ladge organised a workshop on "Web application security" by Ms. Shrutika Iyer, Dy manager at Jio, Mumbai on 03/09/2024

- Prof. Sampada G. arranged expert talk on" Back end development" for TEIT by Samprit Chaurasiya, Cimpress on 31/12/2024

Publications:

- Prof. Leena Ladge Published the paper titled "Enhanced logistics management through predictive modeling and analysis framework" is published in IEEE explorer on September 19, 2024.

- Prof. Sampada L. Presented paper in international conference ICISC2024 Coimbtore, on July 30,2024.

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

- Prof. Seema R Attended Faculty Development Program on "Generative AI Mastery: from Foundations to applications" held during 18.11.2024 to 22.11.2024 organized by Indian Institute of Information Technology, Nagpur in Online Mode.

- Prof. Seema R, Prof. Leena Ladge, Prof. Savita Lohiya, Prof. Samundiswary, Prof. Sampada, Prof. Kalpana B and Prof. Lalita B have Attended Faculty Development Program on "Generative AI" held during 09.12.2024 to 14.12.2024 organized by SIES Graduate School of Technology, Nerul, Navi Mumbai.

- Prof. Savita Lohiya attended FDP on Universal Human Values at SIESGST (21-23 August 2024).

- Prof. Samundiswary attended FDP on Universal Human Values at SIESGST (21-23 August 2024).

- Prof. Sampada Attended International faculty development program on AI & gen AI with Industry Application from 16/07/2024 to 22/07/2024.

- Prof. Sampada Attended Faculty Development Program on AI Applications in Banking and Healthcare Industry organized by K.J. Somaiya Institute of Technology Sion, Mumbai - Maharashtra

- Prof. Sampada Participated & completed AICTE Training and Learning (ATAL) Academy Faculty Development Program on Impact and Outcome of Industry 4.0/5.0 at K.C. COLLEGE OF ENGINEERING AND MANAGEMENT STUDIES AND RESEARCH FROM 02/12/2024 TO 07/12/2024

- Prof. Lalita B. attended webinar on "Teachers role in integrating Indian knowledge system in implementing NEP 2020" organized by DELNET-Developing Library Network on 5th September-2024

- Prof. Lalita B. attended FDP on Universal Human Values at SIESGST (21-23 August 2024).

- Prof. Lalita B. attended workshop on Blockchain Technology and its Applications at SIESGST on 06/08/2024.

- Prof. Lalita B. completed 2-day Online Program on AI and its Application in Research on 26th & 27th November 2024.

- **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.