Academic Year: 2025 - 26

Department of Computer Engineering

ACADEMIC REPORT

July 2025 – Dec 2025

1. About Department
2. Administration
3. Faculty Contribution
   3.1 Faculty Publications: National / International Conference / Journal
   3.2 Interaction of Faculty with Outside World
   3.3 Seminars/Workshops/Conferences/FDP/STTP/Expert talk organized
   3.4 Seminars/Workshops/Conferences/FDP/STTP/Expert talk attended
4. Students' Achievement
5. Placement Data

1. DEPARTMENT

Department VISION

To impart high quality education, promote research culture and inculcate ethical values to develop/produce professionally competent engineers capable of meeting global challenges.

Department MISSION

1. Encourage research aptitude and analytical approach to prepare students for facing technological challenges in computing field.
2. Develop professionals, equipped with soft skills, ethical and social values for betterment of society.
3. Create awareness about sustainability concerns and ongoing trends in computing field.
4. To nurture and provide a collaborative environment for enabling aspiring technocrats to meet industry expectations.
5. Provide competent faculty and systematic modern approach in teaching-learning with stateof-art infrastructure.

Program Educational Objectives [PEO]

1. To impart quality education to students, while encouraging innovations and research culture in keeping abreast with technological advancements in computing.
2. To develop computer professionals with comprehensive knowledge, capable of facing indigenous and global challenges.
3. Develop computer professionals to fulfill industry expectations and social aspirations.

Programs Specific Outcomes [PSO]

By the completion of Computer Science program, the student will have following Program specific outcomes.

1. Ability to understand and assess fundamental and advanced principles of computer hardware and software systems.

2. Comprehensive knowledge and practical competence with a broad range of programming languages enabling graduates to understand the structure, design and development methodologies of software systems on various platforms.

3. Ability to efficiently model real-world problems using appropriate data structures and algorithms.

4. Capability of applying computing knowledge in multidisciplinary domains to identify problems and provide solution to them.

About the Department

- Started in the year 2001 with undergraduate program affiliated with University of Mumbai.
- NBA Accredited
- Intake: BE: 180, ME: 18, PhD: 10
- Fully air-conditioned classrooms with Smart Boards
- Laboratories equipped with advance software and hardware
- Provide all kinds of support to develop application with advanced technologies.

Courses offered

- B.E Computer Engineering
- M.E Computer Engineering
- Ph.D Technology

2. ADMINISTRATION

ACM Committee

Dr. Kiran Bhowmick

Prof. Pankaj Sonawane

DJ Unicode Committee

Dr. Meera Narvekar

Prof. Pranit Bari

Synapse Committee

Dr. Meera Narvekar

Prof. Aniket Kore

Project Committee

Dr. Chetashri Bhadane

Prof. Ruhina Karani

Prof. Nilesh Ghavate

Academic Report

Prof. Aniket Kore

Prof. Pallavi Mahajan

Departmental Library Committee

Dr. Meera Narvekar

Prof. Chinmay Raut

Maintenance Audit Committee

Prof. Ashok Patade

Prof. Sindhu Nair

Program Assessment Committee

Dr. Meera Narvekar
Dr. Kiran Bhowmick
Dr. Nilesh Patil
Dr. Kranti Ghag
Dr. Chetashri Bhadane
Prof. Ruhina Karani
Prof. Pranit Bari
Prof. Khushali Deulkar

Time-Table Committee

Prof. Lynette Dmello
Prof. Pranit Bari
Prof. Nancy Nadar

Cultural Committee

Dr. Meera Narvekar
Prof. Sudhir Bagul
Prof. Sridhar Iyer

Placement Committee

Prof. Pranit Bari
Dr. Vivian Lobo

SAP Attendance

Prof. Khushali Deulkar
Prof. Lynette D'mello

Internship Committee

Prof. Sridhar Iyer

Sports Committee

Prof. Pankaj Sonawane
Prof. Aniket Kore

Alumni coordinator

Prof. Khushali Deulkar
Prof. Sudhir Bagul

Stationary Incharge

Prof. Ashok Patade

Mentor Incharge

Prof. Sindhu Nair

Entrepreneurship Incharge

Dr. Nilesh Patil

Exam Coordinator

Dr. Kranti Ghag
Prof. Khushali Deulkar

Lab Incharges

Prof. Nancy Nadar

Prof. Pankaj Sonawane

Prof. Sudhir Bagul

Prof. Sindhu Nair

Prof. Ashok Patade

Prof. Pranit Bari

Class Incharges

Dr. Nilesh Patil

Prof. Pankaj Sonawane

Prof. Pallavi Mahajan

Prof. Sridhar Iyer

Prof. Sindhu Nair

Prof. Aniket Kore

Prof. Chinmay Raut

Prof. Pranit Bari

Prof. Nilesh Ghavate

3. FACULTY CONTRIBUTION

3.1 Faculty Publications: National / International Conference / Journal

Sr. No.	Name	Journal/ Conference	National / International	Title	Publication	Date
1	Prof. Lynette Dmello	Copyright	National	Gesture controlled remote app for TVs	Govt. of India	July 25
2	Dr. Vivian Lobo	Conference	International	A Mental Health Analysis System for Self-Evaluation using Machine Learning	16th International Conference on Computing, Communication, and Networking Technologies, IIT Indore (SCOPUS)	July 25
3	Prof. Sridhar Iyer	Conference	International	Crop Recommendation System using Deep Reinforcement Learning	Sixteenth International Conference on Computing, Communication and Networking Technologies)	July 25
4		Conference	International	AI-Powered Cold Email Automation for Staffing Solutions: Enhancing Personalization and Efficiency through Open-Source Large Language Models	IEEE International Conferences on Network, Multimedia, and Information Technology (NMITCON) 2025 (SCOPUS)	July 25
5	Dr. Nilesh Patil	Conference	International	Eco-Optimized Routing for Urban Mobility	IEEE International Conference on Information, Implementation, and Innovation in Technology (I2ITCON -2025)	July 25

6	Prof. Pankaj Sonawane	Conference	International	Online Virtual Try-On using Computer Vision	2025 International Conference on Emerging Trends in Industry 4.0 Technologies	Aug 25
7	Prof. Ruhina Karani	Conference	International	Code With Disability: A voice command Based Integrated Development Environment for Hands Free programming	10th International Conference on Computer Science and Computational Intelligence (ICCSCI), Indonesia	Aug 25
8	Prof. Ruhina Karani	Book Chapter	International	Classification of Instagram Users and Prediction of Engagement Rates Using Machine Learning	Lecture Notes in Networks and Systems – Springer (Scopus)	Aug 25
9	Prof. Sridhar Iyer	Conference	International	Adaptation of Deep Learning Architectures for Bird Classification in Information Security Applications	23rd OITS International Conference on Information Technology (OCIT), IEEE	Sept 25
10		Conference	International	Educheck : An Automated Answer Evaluation System	23rd OITS International Conference on Information Technology (OCIT)	Sept 25
11		Conference	International	Multi-chain smart wallet with gasless transaction	23rd OITS International Conference on Information Technology (OCIT)	Sept 25
12	Dr. Nilesh Patil	Journal	International	Regime-Aware Short-Term Trading Strategy Using Hidden Markov Models and Monte Carlo Simulation	Communications on Applied Nonlinear Analysis	Sept 25

13	Prof. Ruhina Karani	Journal	International	An Efficient Dual Space Curriculum Learning Approach for Speech Emotion Recognition	Signal, Image and Video Processing, SPRINGER	Sept 25
14		Copyright	National	System for Analyzing Emotional Quotient Using Multimodal Deep Learning on Audio-Video Inputs	Govt. of India	Sept 25
15	Dr. Kranti Ghag	Patent	National	Online Examination Monitoring Device.	Govt. of India	Sept 25
16	Prof. Aniket Kore	Conference	International	Lie Detection Using Facial Expressions and Speech Analysis	International Conference on Information Technology and Intelligence, ICITI 2024, Volume 2	Oct 25
17	Prof. Lynette Dmello	Conference	International	Exercise Video Analysis for Health monitoring	International Conference on Advancing Technology in Engineering and Science, ICATES 2025	Oct 25
18	Prof. Ruhina Karani	Journal	International	Code With Disability: A Voice Command-Based Integrated Development Environment for Hands-Free Programming	Procedia Computer Science	Nov 25
19	Prof. Aniket Kore	Journal	International	Advanced Medical Image Diagnosis using Deep Learning & Explainable AI	Communications on Advances in Nonlinear Variational Inequalities	Nov 25
20	Dr. Meera Narvekar	Patent	National	A System for Detection and Classification of Tomato Disease Using Deep Learning	Govt. of India	Nov 25

3.2 Interaction of Faculty with Outside World

Sr.No	Name	Activity
1	Dr. Vivian Lobo	Delivered an expert talk on "Understanding Blockchain Architecture, Design Principles, and Use Cases" at VIVA Institute of Technology, Virar, Palghar on 14.07.2025
2		Reviewer for an IEEE International Conference on Artificial Intelligence and Machine Vision (AIMV)-2025 organized by the Department of Computer Science and Engineering, School of Technology (SoT), Pandit Deendayal Energy University, Gandhinagar, August 16-17, 2025.
3		Reviewer for the 6th IEEE INDISCON organized by the IEEE Rourkela Subsection and IEEE India Council held at NIT Rourkela, Odisha, India from August 21 to 23, 2025.
4	Dr. Kranti Ghag	Delivered a session on Patent Fundamentals Drafting Strategies at MIT, Pune in online mode.
5	Prof. Lynette Dmello	Reviewer for 4th International Conference ASCIS 202
6	Prof. Nilesh Ghavate	Evaluator for the Internal Hackathon of Smart India Hackathon (SIH) 2025
7	Dr. Vivian Lobo	Reviewer for 2025 IEEE 7th International Conference on Computing, Communication and Automation (ICCCA-2025)
8		Reviewer for IEEE International Conference on Advancing Technology in Engineering and Science (ICATES-2025)
9	Dr. Kiran Bhowmick	Reviewer IEEE PuneCon 2025
10	Dr. Vivian Lobo	Reviewer for 7th International Symposium on Advanced Electrical & Communication Technologies – Intelligent Systems for a Sustainable and Connected Future (ISAECT 2025)
11		Reviewer for an IEEE International Conference on Intelligent Systems for Pioneering Innovation in Robotics and Electric Mobility – INSPIRE 2025

3.3 Seminars/Workshops/Conferences/FDP/STTP/Expert talk organized

Sr. No.	Name	STTP / Workshop / Seminar Details
1	Prof. Ruhina Karani	Expert Session on " NoSQL Databses" by Mr. Kaustubh Kekre, Software Engineer-II, JPMC

3.3 Seminars/Workshops/Conferences/FDP/STTP/Expert talk attended

Sr. No.	Name	Activities
1	Prof. Aniket Kore	Attended a 1 week ATAL FDP on Ethical and Responsible AI: Harnessing XAI for India's Economic Future at DJSCE from 14-19 July.
2	Prof. Sridhar Iyer	
3	Dr. Kiran Bhowmick	
4	Dr. Chetashri Bhadane	
5	Prof. Chinmay Raut	
6	Prof. Aniket Kore	Attended 2 days Symposium on AI in health care at MPSTME
7	Dr. Vivian Lobo	Attended One-week ISTE approved FDP on "Generative AI: Use Cases in Various Businesses" organized by Thadomal Shahani Engineering College, Bandra, Mumbai
8		Attended One-week online FDP on "AI in Cyber Security 5.0: Trends, Techniques & Threat Intelligence organized by MIT Academy of Engineering, Alandi, Pune

9	Prof. Chinmay Raut	Attended a 1 Day Workshop on "Machine Learning" at JPMC Mumbai Tech Center as part of the Faculty Engagement Program
10	Prof. Sridhar Iyer	
11	Prof. Lynette Dmello	Attended a 1 week FDP on "AI, ML and Deep Learning for Autonomous Vehicles" by Pantech e-learning from 28th July to 1st August,2025
12	Prof. Ruhina Karani	Attended National Scientists Round Table Conference 2025 from 18th July 2025 to 20th July 2025 at MITWPU, Pune
13	Prof. Lynette Dmello	IIC-IA Training
14	Dr. Nilesh Patil	The Future of AI & ML: Balancing Innovation, Ethics, and Industry Needs
15	Dr. Vivian Lobo	
16	Prof. Aniket Kore	1 week ATAL FDP on "BRAINS: Building Research Advancement & Innovation with Next-gen AI for Socio-economic Transformation" at School of Commerce, JAIN from 13-18 Oct 2025
17	Dr. Vivian Lobo	1 week ATAL FDP on Explainable AI (XAI): A Deep Dive into AI Transparency and Interpretability at VIT Bhopal University
18	Prof. Pallavi Mahajan	FDP on Digital Healthcare: Innovations and Applications
19	Prof. Nilesh Ghavte	STE Approved Short Term Training Program (STTP) on Think. Do. Write. Publish. – A Step-by-Step Guide to Research Article
20	Prof. Nilesh Ghavate	5-Days Faculty Development Program (FDP) on "AI in Cybersecurity"
21		ATAL FDP on "Empowering Educators: A Deep Dive into AI for Teaching, Research & Innovation"
22	Dr. Vivian Lobo	ATAL FDP on Applied Generative AI
23		ATAL FDP on Quantum Intelligence: Exploring the Convergence of Quantum Computing and Artificial Intelligence

4. STUDENTS'ACHIEVEMENTS

S.E.

Sr. No.	Name	Achievements
1	Rishit Jain	Completed Internship at Qode advisors LLP as a research intern
2	Krutarth Naik	Completed the Illuminate Entrepreneurship Boot camp by E-Cell, IIT Bombay, in collaboration with SPIT Mumbai on 30th November 2024
3		Selected as an electronic mentee at DJS Speedster and also selected as Co-Com security DJSCE Trinity
4	Parth Dubey	Published a book titled "Dual Destinies" with Notion Press Publications.
5	Krutarth Naik	Runner up at Autocross race in 10th FMAE Motorsport Student competition
6	Dhananjay Balekar	

T.E.

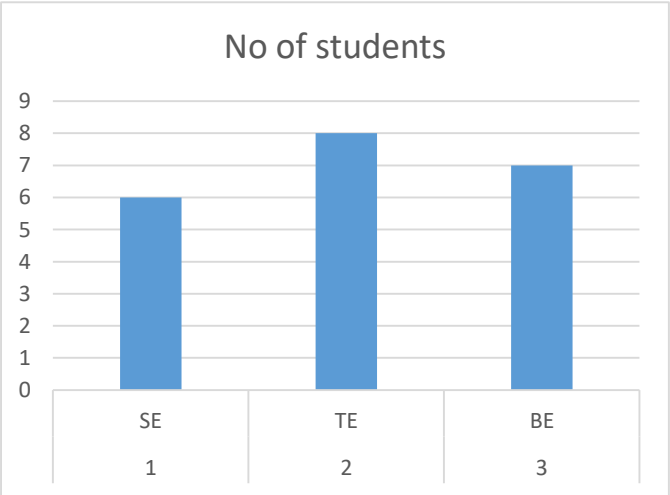
Sr. No.	Name	Achievements
1	Dishi Shah	Winner of Ideation 2025
2	Parth Kale	1st Runner up at Webcade 2025, 12 hr Hackathon
3	Heta Karani	Published a Copyright titled V.A.S.U(Visual Augmentation in Scholastic Use)
4	Dhruvi Kanadiya	
5	Krishnendu Nair	
6	Akshat Chauhan	
7	Mustansir Hariyanawala	Runner up at Mini hackathon - Blood Bytes
8	Parthsinh Mori	3rd Position at Mini hackathon - Blood Bytes

B.E.

Sr. No.	Name	Achievements
1	Pinky Pamecha	1st Runner-up and Prize Money 1.5 Lakh at Aivolution hackathon organized by media.net and ai.tech
2	Mihir Panchal	Published a conference paper titled "CC-GRMAS: A Multi-Agent Graph Neural System for Spatiotemporal Landslide Risk Assessment in High Mountain Asia" in NeurIPS 2025 Workshop
3	Jainam Gala	Published a conference paper titled "Quality Analysis of Borewell Water" in International Conference on Advancing Technology in Engineering and Science
4	Param Shukla	Published a paper titled "Code With Disability: A Voice Command-Based Integrated Development Environment for Hands-Free Programming" in a SCOPUS indexed International Journal "Procedia Computer Science, Elsevier"
5	Krish Shah	
6	Milan Haria	
7	Mitansh Kanani	

STUDENTS COUNT

Sr. No.	Class	No of students
1	SE	6
2	TE	8
3	BE	7



Student Activities Analysis

5. PLACEMENT DATA

Sr. No.	Name of the Company	Total Package in LPA	Total Number of Students Placed
1	KPMG	6 LPA	3
2	M&G Global Services	12 LPA	1
3	Home First Finance Company	8 LPA	1
4	NCS	6.82 LPA	2
5	Apollo Global Management	19 LPA	2
6	Zeus Learning	7.8 LPA	5
7	Capegemini	4.25 LPA	52
8	Google	33 LPA	1
9	Morgan Stanley	27 LPA	5
10	Here.Technologies	12 LPA	1
11	EY	6.48 LPA	3
12	IDFC First Bank	16 LPA	1
13	Deloitte	6.71 LPA	3
14	ICICI Lombard	8 LPA	9
15	BillDesk	8.5 LPA	6