Academic Year: 2024 - 25

Department of Computer Engineering

ACADEMIC REPORT

July 2024 – Dec 2024

1. About Department
2. Administration
3. Special Academic Programs
4. Faculty Contribution
   4.1 Faculty Publications: National / International Conference / Journal
   4.2 Interaction of Faculty with Outside World
   4.3 Seminars/Workshops/Conferences/FDP/STTP/Expert talk organized
   4.4 Seminars/Workshops/Conferences/FDP/STTP/Expert talk attended
5. Students' Achievement
6. Placement Data

VISION

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

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. Graduates will be able to understand and apply principles of basic sciences and engineering to design and develop reliable and efficient computer applications using modern tools and technologies.

2. Graduates will demonstrate proficiency in programming languages, algorithms, and data structures to analyze real-world problems, model computational solutions, and evaluate their performance across various computing platforms.

3. Graduates will be able to apply computing knowledge in interdisciplinary domains, demonstrating effective communication, leadership, teamwork, empathy, and ethical responsibility. They will be equipped to collaboratively design inclusive, sustainable, and impactful solutions that address complex societal, environmental, and global challenges.

About the Department

- Started in the year 2001 with undergraduate program affiliated with University of Mumbai.
- NBA Accredited
- Intake: B.Tech: 180, M.Tech: 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.Tech Computer Engineering
- M.Tech Computer Engineering
- Ph.D Technology

2. ADMINISTRATION

ACM Committee

Dr. Meera Narvekar 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

Academic Report

Prof. Aniket Kore

Departmental Library Committee

Prof. Ashok Patade

Maintenance Audit Committee

Prof. Ashok Patade Prof. Sindhu Nair

Program Assessment Committee

Dr. Kiran Bhowmick
Dr. Kranti Ghag
Prof. Pankaj Sonawane
Prof. Prof. Sudhir Bagul
Dr. Nilesh Patil
Prof. Khushali Deulkar
Prof. Chetashri Bhadane

Time-Table Committee

Prof. Lynette Dmello
Prof. Pranit Bari

Cultural Committee

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

Placement Committee

Prof. Ruhina Karani
Prof. Chinmay Raut
Prof. Pranit Bari

Attendance

Dr. Meera Narvekar
Prof. Pankaj Sonawane

Internship Committee

Prof. Sridhar Iyer
Prof. Nancy Nadar

Sports Committee

Prof. Aniket Kore
Prof. Pankaj Sonawane

Alumni coordinator

Prof. Khushali Deulkar
Prof. Sudhir Bagul

Stationary Incharge

Prof. Ashok Patade

Mentor Incharge

Prof. Sindhu Nair

Attendance

Prof. Pankaj Sonawane

Exam Coordinator

Prof. Khushali Deulkar
Dr. Kranti Ghag

Lab Incharges

Prof. Sudhir Bagul

Prof. Pankaj Sonawane

Prof. Nancy Nadar

Prof. Sindhu Nair

Prof. Ashok Patade

Class Incharges

Prof. Aniket Kore

Prof. Sridhar Iyer

Prof. Pankaj Sonawane

Prof. Nancy Nadar

Prof. Sudhir Bagul

Prof. Khushali Deulkar

Prof. Chinmay Raut
Prof. Sindhu Nair
Prof. Lynette Dmello

3. FACULTY CONTRIBUTION

3.1 Faculty Publications: National / International Conference / Journal

Sr. No	Name	Journal/ Conference	National / International	Title	Publication	Date
1	Sridhar Iyer	Journal	International	XAI- Credit Risk Analysis	International Journal of Communication Networks and Information Security	2024
2	Dr. Nilesh Patil					
3	Prof. Ruhina Karani	Journal	International	DhwaniClone Lite: A light-weight encoder framework for voice cloning	International Journal of Computational Intelligence Studies	2024
4	Dr. Kranti Ghag	Journal	International	A Multimodal Framework for DeepFake Detection	Journal of Electrical Systems	2024
5	Dr. Meera Narvekar					

6	Dr. Kranti Ghag	Journal		Mapreduce framework based sentiment analysis of twitter data using hierarchical attention network with chronological leader algorithm	Social Network Analysis and Mining	2024
7.	Prof. Pankaj Sonawane	Journal	International	Smart Shoes: A navigation support system fir visually impaired Individuals	Indian Journal of Technical Education	2024
8.	Prof. Pranit Bari	Journal	International	Enhancing Stock Price Prediction: Improvising in KNN	International Journal of Communication Networks and Information Security	2024

9.	Prof. Pranit Bari	Journal	International	Localized Modeling for Airline Price Prediction UsingK-Means and Decision Tree Ensemble	International Journal of Communication Networks and Information Security	2024
10.	Dr. Meera Narvekar	Journal	International	Cyberbullying or just Sarcasm? Unmasking Coordinated Networks on Reddit	arXiv preprint arXiv:2410.20170	2024
11	Dr. Kiran Bhowmick					
12	Dr. Meera Narvekar	Journal	International	Audio separation and classification of Indian classical instruments	Engineering Applications of Artificial Intelligence	2024
13	Dr. Kiran Bhowmick					
14	Aniket Kore	Journal	International	Emotion-Aware Indian Sign Language Recognition: A Multimodal Approach With Sign -Expression Correlation Analysis	Educational Administration: Theory and Practice	2024
15	Aniket Kore	Journal	International	AI-Driven Foul Message Flagging	Educational Administration: Theory and Practice	2024

16	Dr. Meera Narvekar	conference	International	Interpreting Accuracy: A Comprehensive Analysis of AI Models for Liver Disease Diagnosis	2024 Parul International Conference on Engineering and Technology (PICET)	2024
17	Prof. Pranit Bari	conference	International	Leveraging Transformer Models for Abstractive Summarization of Hindi Text	International Conference on Sustainable Computing and Intelligent Systems (SCIS 2024)	
18	Prof. Pranit Bari	conference	International	Comparative Analysis of Stock Price Prediction using Time Series Models	8th International Conference on Computing, Communication, Control and Automation (ICCUBEA-2024)	
19	Prof. Khushali Deulkar	conference	International	Comparative Analysis of Stock Price Prediction using Time Series Models	8th International Conference on Computing, Communication, Control and Automation (ICCUBEA-2024)	
20	Dr. Meera Narvekar	conference	International	Evaluating the Influence of Text Representation techniques on Diverse Machine Learning Algorithms for Stress Detection in Social media users	2024 International Conference on Advances in Modern Age Technologies for Health and Engineering Science (AMATHE)	2024
21	Prof. Khushali Deulkar	conference	International	Evaluating the Influence of Text Representation techniques on Diverse Machine	2024 International Conference on Advances in Modern Age Technologies for	2024

				Learning Algorithms for Stress Detection in Social media users	Health and Engineering Science (AMATHE)	
22	Dr. Meera Narvekar	conference	International	TeenSenti-A novel approach for sentiment analysis of short words and slangs	2024 International Conference on Advances in Modern Age Technologies for Health and Engineering Science (AMATHE)	2024
23	Dr. Nilesh Patil	conference	International	TeenSenti-A novel approach for sentiment analysis of short words and slangs	2024 International Conference on Advances in Modern Age Technologies for Health and Engineering Science (AMATHE)	2024
24	Dr. Meera Narvekar	conference	International	Interpreting Accuracy: A Comprehensive Analysis of AI Models for Liver Disease Diagnosis	2024 Parul International Conference on Engineering and Technology (PICET)	2024
25	Prof. Ruhina Karani	Patent	Indian	Published a patent titled “IoT ena bled robot for detecting gas pipe leakage		2024
26	Dr. Kranti Ghag	Patent	Indian	Published a patent titled “IoT ena bled robot for detecting gas pipe leakage		2024

27	Dr. Meera Narvekar	Patent	Indian	Published a patent titled "IoT enabled robot for detecting gas pipe leakage		2024
28	Dr Nilesh Patil	Journal	International	Design and Development of a Scalable, User-Centered Interface for Mental Wellness Platforms: A Case Study of HAVN	Journal of Computational Analysis and Applications. UGC Care and SCOPUS indexed	2024
29	Dr Nilesh Patil	Patent	Indian	Registered Copyrights titled "AMERICAN SIGN LANGUAGE SENSOR DATASET		2024
30	Dr. Kranti Ghag					
31	Dr. Meera Narvekar					

3.2 Interaction of Faculty with Outside World

Sr.No	Name	Activity
1.	Dr. Nilesh Patil	Dr. Nilesh Patil of Computer Department received the *Excellence Award for Teaching December 2024* awarded by ERDA

4. STUDENTS'ACHIEVEMENTS

S.Y B.Tech

Sr. No.	Name	Achievements
1	JAIN RAUNIT AMIT	Power BI and data analyst internship
2	JAIN RAUNIT AMIT	DATA SCIENCE USING PYTHON
3	JAIN RAUNIT AMIT	Digital Marketing
4	SHAH BHUMIL PRAGNESH	Internship Completion Certificate
5	JAIN RAUNIT AMIT	Completed a certificate course for DIGITAL MARKETING LEVERAGING AI

T.Y B.Tech

Sr. No.	Name	Achievements
1	SHAH TARAN	Published a paper on A Multimodal Framework for DeepFake Detection
2	PRUTHA KULKARNI	Published a paper on A Multimodal Framework for DeepFake Detection
3	PIYUSH CHAUDHARI	Published a paper on A Multimodal Framework for DeepFake Detection
4	DIVYAM JAIN	Published a paper on Cyberbullying or just Sarcasm? Unmasking Coordinated Networks on Reddit

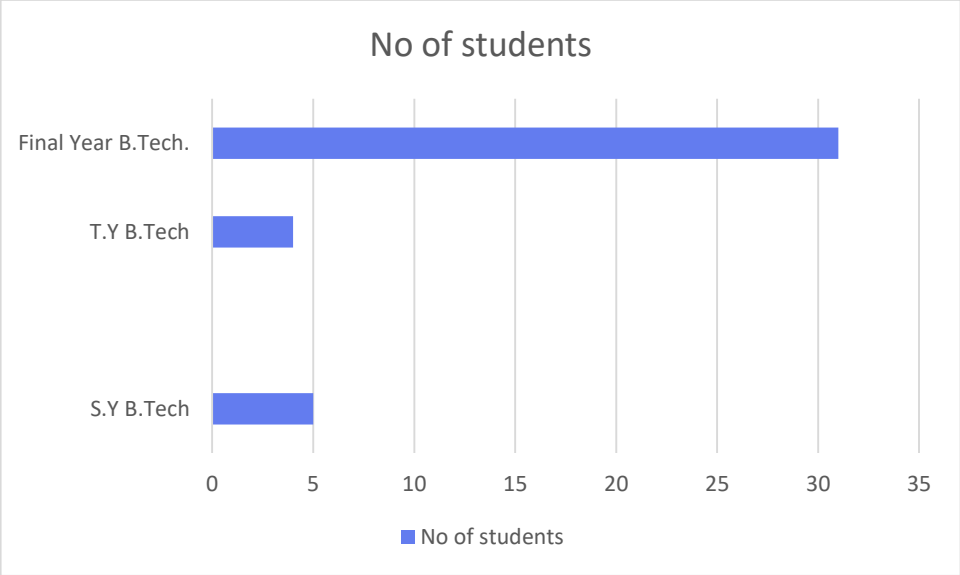
Final Year B.Tech.

Sr. No.	Name	Achievements
1	SANGHAVI DARSHEEL SACHIN	Published an ML paper in Scopus-indexed Journal
2	SHAH TARAN BHAVIN	"A Multimodal Framework for DeepFake Detection" published in the Journal of Electrical Systems
3	PRAJAPATI YASH DINESH	6th position in Nexus ML Competition
4	SHARMA HARSHEEL PAWANKUMAR	Winner of 36hr Hackathon of AIML and BIDS Domain at Thakur College of Engineering
5	PATEL MANAV JAYESH	1st prize at Hackathon
6	KALWAR MAYUR MANOJ	Winner of 36hr Hackathon of AIML and BIDS Domain at Thakur College of Engineering
7	PATEL MANAV JAYESH	Winner of 36 hour Hackathon of AIML & BIDS Domain at Thakur College of Engineering
8	JAIN KUSH JITESH	Winner of 36hr Hackathon of AI/ML and BI/DS Domain at Thakur College of Engineering
9	JAISWAR SHUBHAM GIRIJASHANKAR	2nd Runner Up at Crakathon Group Competitive Programming Contest
10	JAISWAR SHUBHAM GIRIJASHANKAR	1st Runner Up at SPIT IEEE Codehunt
11	DARSHEEL SANGHAVI	Published a paper on Early-Stage Diabetes Risk Prediction and Symptom Association: A Comparative Analysis Using Feature Importance
12	DAXAY SANGHAVI	
13	KASHISH GANDHI	Published a paper on A Multimodal Framework for DeepFake Detection
14	TANAY DAVE	Published a paper on Leveraging Transformer Models for Abstractive Summarization of Hindi Text
15	VATSAL SHAH	
16	SHRUTHI PRABHU	

17	DEVARSHEE THOPTE	Published a paper on Comparative Analysis of Stock Price Prediction using Time Series Models
18	HARSH NOTARIA	
19	HEMANG SONEJI	
20	SHRIYA SHAH	
21	MANAV KAMDAR	Published a paper on Smart Shoes: A navigation support system fir visually impaired Individuals
22	GREHA SHAH	
23	ANSH DASPURA	
24	MEGHNA SARDA	
25	PINKY PAMECHA	Published a paper on Cyberbullying or just Sarcasm? Unmasking Coordinated Networks on Reddit
26	CHAITYA SHAH	
27	KASHISH GANDHI	
28	PRACHI PATEL	Published a paper on Audio separation and classification of Indian classical instruments
29	SHUBHAM SHAH	
30	SHRUTI PRASAD	
31	AMAY GADA	

STUDENTS COUNT

Sr. No.	Class	No of students
1	**S.Y B.Tech**	5
2	**T.Y B.Tech**	4
3	**Final Year B.Tech.**	31



Student Activities Analysis

5. PLACEMENT DATA

Sr. No.	Name of the Company	Total Package in LPA	Total Number of Students Placed
1	AIESEC	1.80	1
2	Apollo Global Management	19.00	2
3	Arcon	10.00	5
4	Atlan	12.00	1
5	Aurionpro Solutions Limited	8.69	4
6	Axxela	14.10	2
7	Bajaj Finserv	12.80	1
8	Browserstack	8.98	4
9	Capgemini	4.63	8
10	Cognitus	4.00	1
11	Controlcase	2.40	1
12	Deloitte	5.98	4
13	Deloitte Touche Tohmatsu India LLP	6.00	1
14	Dhan - Raise Financial Services	4.00	1
15	Dhurin	9.00	2
16	Dolat Capital	18.00	1
17	Edelweiss Global Markets	14.67	3
18	EDUNNOVATE TECHNOLOGIES PRIVATE LIMITED	6.00	1
19	Ernst & Young	6.48	3
20	Exentrea	5.00	2
21	Fynd	2.40	1
22	Godrej Capital	12.00	1
23	Godrej Enterprise Group	7.00	1
24	Google	27.00	1
25	Homefirst Finance	8.00	2
26	IBDIC	9.20	1
27	ICICI LOMBARD	8.29	2
28	Indus Valley Partners	4.00	1
29	Interactive Brokers	12.20	1
30	ION Group	17.30	2
31	Kotak Securities	12.00	2
32	KPMG	7.00	3
33	L&T Finance	6.00	1
34	Marsh & McLennan Global Services India Pvt Ltd.	5.75	1

35	Montran	10.56	1
36	Montran India	6.78	3
37	MyNewEarth	9.50	1
38	NCS	6.82	3
39	Neebal	5.00	1
40	Network TechLab	2.14	1
41	New Kirti	2.40	1
42	OFSS	8.67	2
43	Oracle Financial Services Software Limited	9.34	3
44	Pepper Content	7.00	1
45	Prodigal	14.00	1
46	PwC UK	8.00	1
47	Quantiphi	8.50	1
48	Quantum Data Engines	4.00	1
49	RBL Bank	9.00	1
50	S&P Global	7.33	3
51	Schbang	7.50	1
52	Seclore	13.00	1
53	Skima Innovation Private Limited	5.00	1
54	Solunation	6.00	1
55	Sparkwave	1.80	2
56	Synergetics	4.50	1
57	Tachyon Labs	7.95	3
58	TachyonLabs Innovations Private Limited	4.80	1
59	Tata Consultancy Services	6.44	11
60	The Digital Fifth	9.00	1
61	TIAA	10.48	4
62	Tres Vista	10.07	1
63	Tresvista	8.40	2
64	UBS	13.38	4
65	YES BANK	7.70	1
66	ZS Associates	13.65	7