Academic Year: 2023 - 24
Department of Computer Engineering

ACADEMIC REPORT

July 2023 – Dec 2023

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2. Administration

3. Faculty Contribution

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   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

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Shri Vile Parle Kelavani Mandal's
DWARKADAS J. SANGHVI COLLEGE OF ENGINEERING
(Autonomous College Affiliated to the University of Mumbai)
NAAC Accredited with "A" Grade (CGPA : 3.18)

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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 [PEOs]

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.

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Programs Specific Outcomes [PSOs]

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: 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

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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

Academic Report

Prof. Aniket Kore

Departmental Library Committee

Dr. Meera Narvekar   Prof. Ashok Patade

Maintenance Audit Committee

Prof. Pankaj Sonawane

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Program Assessment Committee (PAC)

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

Cultural Committee

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

Placement Committee

Prof. Ruhina Karani	Prof. Pranit Bari

SAP Attendance   Internship Committee

Prof. Khushali Deulkar	Prof. Sridhar Iyer
Prof. Lynette D'mello	

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Sports Committee

Prof. Pankaj Sonawane

Alumni coordinator

Prof. Khushali Deulkar
Prof. Sudhir Bagul

Stationary Incharge

Prof. Ashok Patade

Mentor Incharge

Prof. Sindhu Nair

Entrepreneurship Incharge

Dr. Ramchandra Mangrulkar

Exam Coordinator

Dr. Chetashri Bhadane
Prof. Ruhina Karani

Lab Incharges

Dr. Kiran Bhowmick

Prof. Pankaj Sonawane

Dr. Chetashri Bhadane

Prof. Sindhu Nair

Prof. Ashok Patade

Prof. Khushali Deulkar

Class Incharges

Prof. Sridhar Iyer

Prof. Pankaj Sonawane

Prof. Sindhu Nair

Prof. Khushali Deulkar

Prof. Lynette D'mello

Prof. Aniket Kore

Prof. Ruhina Karani

Prof. Pranit Bari

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3.1 Faculty Publications: National / International Conference / Journal

Sr. No.	Name	Journal/ Conference	National / International	Title	Publication	Date
1.	Dr. Meera Narvekar	Copyright	Indian	Fire Dataset for Anomaly Detection in Surveillance	NA	July 2023
2.		Copyright	Indian	Knife Dataset for Anomaly Detection in Surveillance	NA	July 2023
3.		Book	Indian	Information and Network Security	Techneo Publications	July 2023
4.	Dr. Nilesh Patil	Conference	International	Kathak Dance Movement Recognition and Correction Using Google's Mediapipe	14th International Conference on Computing Communication & Networking Technologies, IIT – Delhi	July 2023
5.		Conference	International	Sentence Restructuring with User-Controlled Difficulty using NLP	Springer 4th International Conference on Data Science and Applications, Malaviya National Institute of Technology	July 2023
6.	Dr. Ramchandra Mangrulkar	Conference	International	Smart Walking Stick : A Comprehensive Approach Towards IoT Enabled Stick For Visually Impaired	Sardar Patel International Conference on Industry 4.0 - Nascent Technologies and Sustainability	July 2023
7.		Conference	International	Intelligent Application of Voice Recognition and Personal Secretariat for Effective Business Management		July 2023
					IEEE 14th International Conference on	July 2023

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8.	Prof. Lynette Dmello	Conference	International	Stock market graph prediction using LSTM	Computing Communication and Networking Technologies (ICCCNT -2023), IIT - Delhi	
9.	Dr. Nilesh Patil	Journal	International	Multi-frame image restoration using Generative Adversarial Networks (GANs).	UGC Care Journal	Aug 23
10.	Dr. Nilesh Patil	Journal	International	A novel model for multispectral image classification and analysis, leveraging Spectral-Spatial Deep DenseNet Learning	UGC Care Journal	Aug 23
11.	Dr. Kiran Bhowmick	Journal	International	Detecting and Unmasking AI-Generated Texts through Explainable Artificial Intelligence using Stylistic Features	International Journal of Advanced Computer Science and Applications (IJACSA)	Oct 23
12.	Prof. Aniket Kore	Book	International	Cipher of Limitless Possibilities	Amazon – Kindle Direct Publishing	Nov 23
13.	Prof. Ruhina Karani	Journal	International	May I know my EQ? Factors to automate EQ prediction using technology	Science Direct, ELSEVIER	Nov 23
14.	Prof. Aniket Kore	Conference	International	Cryptocurrency Price Prediction using Regression Models on Momentum Indicators	ICAST 2023, IEEE	Dec 23

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3.2 Interaction of Faculty with Outside World

Sr.No	Name	Activity
1.	Dr. Nilesh Patil	Resource person for Introduction to Machine Learning during One week FDP on Machine Learning, from 10th to 14th July 2023 at D Y Patil Institute of Engineering and Management Research, Akurdi, Pune.
		Resource person for Ethereum Blockchain and Solidity Programming during One Week Onsite FDP on Blockchain Technology: Future of Cybersecurity from 3rd to 8th July 2023 at SPIT, Mumbai
		Reviewer of Research papers of ICDSNS-2023 held on 28th -29th July, 2023.
		Resource person for Big Data Analytics during FDP on Big Data Analytics: Basics to Advance at Fr. Conceicao Rodrigues College of Engineering, Bandra on 20th July, 2023
		Reviewer for AICTE Sponsored IEEE International Conference on Networks, Multimedia and Information Technology (NMITCON)
		Reviewer for 7th International Conference on Computing Communication Control & Automation ICCUBEA-2023
2.	Dr. Ramchandra Mangrulkar	Session Chair for International Conference on Advancement in Science, Technology and Management (ICASTM-2023) on 27th July 2023, organized by S.B. Jain Institute of Technology, Management and Research, Nagpur.
		Resource person for One Week ISTE Approved National Level STTP On "Blockchain Technology & it's Applications", 24th July 2023 to 29th July 2023 Organized by K J College of Engineering and Management Research, Pune
		Resource person for ISTE-approved STTP/FDP on Industry 4.0: Paradigm Shift in Technology, organized by Vidhyavardhini College of Engineering, Vasai.
3.	Prof. Ruhina Karani	Program Committee Member and Reviewer of 2nd International Conference on Advances in Data-driven Computing and Intelligent Systems (ADCIS 2023) Organized by BITS Pilani, K Birla Goa Campus, India.

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

Sr. No.	Name	STTP / Workshop / Seminar Details
1.	Dr. Ramchandra Mangrulkar	Coordinated an IEEE Sponsored Capacity Building Program on Blockchain Technology: Future of Cybersecurity from 3rd July to 8th July, 2023.
2.	Dr. Nilesh Patil	
3.	Prof. Pankaj Sonawane	

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

Sr. No.	Name	Activities
1.	Prof. Aniket Kore	Attended an FDP on Big Data Analytics: Basics to Advanced, from 20-21 July organized by FRCRCE
2.	Dr. Ramchandra Mangrulkar	Attended IEEE Sponsored Capacity Building Program on Blockchain Technology: Future of Cybersecurity from 3rd July to 8th July, 2023.
3.	Dr. Nilesh Patil	Attended IEEE Sponsored Capacity Building Program on Blockchain Technology: Future of Cybersecurity from 3rd July to 8th July, 2023.
4.	Prof. Pankaj Sonawane	Attended IEEE Sponsored Capacity Building Program on Blockchain Technology: Future of Cybersecurity from 3rd July to 8th July, 2023.

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S.Y B.Tech

Sr. No.	Name	Achievements
1.	Varun Viswanath	1st prize at Bajaj Finserv HackRx 4.0
2.	Chitaliya Paarshva Tushar	
3.	Dutta Siddhant Shivshankar	1st Prize in Bajaj HackRx 4.0 Hackathon
4.	Prabhu Varad Ashok	1st prize in 8 ball pool and 3rd prize in high jump conducted on 4th February, 2023 during annual Sports Day at Bhailal Patel Grounds.
5.	Patel Dhruv Kalpesh	"Team Visonary" won the 2nd prize at the VCET Hackathon which was a 30hour long hackathon
6.	Varad Prabhu	Shortlisted among the top 180 finalist teams nationwide, representing Mumbai in the New India Vibrant Hackathon, held in Gandhinagar.
7.	Tirath Bhathawala	
8.	Siddhant Uniyal	
9.	Shubham Jaiswar	
10.	Rudra Shukla	
11.	Taran Shah	
12.	Varun Tank	
13.	Varad Prabhu	Won 1st prize in IIT JODHPUR DevQuest 24 hour Hackathon

T.Y B.Tech

Sr. No.	Name	Achievements
1.	Sanika Ardekar	2nd Runner Up at Doceree Machine Learning Hackathon conducted by Techgig Code Gladiators
2.	Ananya Doshi	Research Paper titled "PICK-FRESH" published in IEEE Xplore, accepted by 14th ICCCNT, 2023
3.	Vansh Dodiya	
4.	Dishant Zaveri	First Prize Winner of Singapore India International Hackathon 2023
5.	Krish Shah	Grand Finalist at Kavach 2023
6.	Parikh Tanay Amit	Completed 2 internships as data analyst and software developer at Servify and Clumoss respectively.

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7.	Siddhpura Jigar Shailesh	Winner of *HackX*, a National Level Hackathon
8.	Ghosalkar Harsh	Secured the 1st place at "In the Need for Code 2.0" Hackathon, organized by Thadomal Shahani Engineering College
9.	Rupesh Raut	
10.	Deep Parekh	
11.	Jhenil Parihar	
12.	Shah Harshil Rahul	Secured a spot in the Top 5 out of 8000 teams at the Technothrive 23, a national-level hackathon organized by YASH Technologies
13.	Patel Dev Atul	
14.	Ashar Devansh Tushar	
15.	Patel Prerak Vinod	
16.	Chawda Dhruvin Nitesh	
17.	Mihir Shinde	Won the first prize and a cash price of Rs. 7 Lakh at D3CODE technology conference held at Hyatt Regency, Thiruvananthapuram and organized by UST Global Solutions
18.	Harsh Bhavesh Shah	
19.	Manan Sanjay Shah	
20.	Prabhu Varad Ashok	Won 3rd position and cash prize of INR.5000 in VCET 30 hour Hackathon held on 6th-7th October, 2023.
21.	Joshi Dhruv Kamlesh	"Team Visonary" won the 2nd prize at the VCET Hackathon which was a 30hour long hackathon
22.	Harsh Ghoshalkar	2nd Runner up at KNOW CODE 36 hour hackathon organized by KJSCE
23.	Vedica Bafna	Won 1st prize at Smart India Hackathon

Final Year B.Tech.

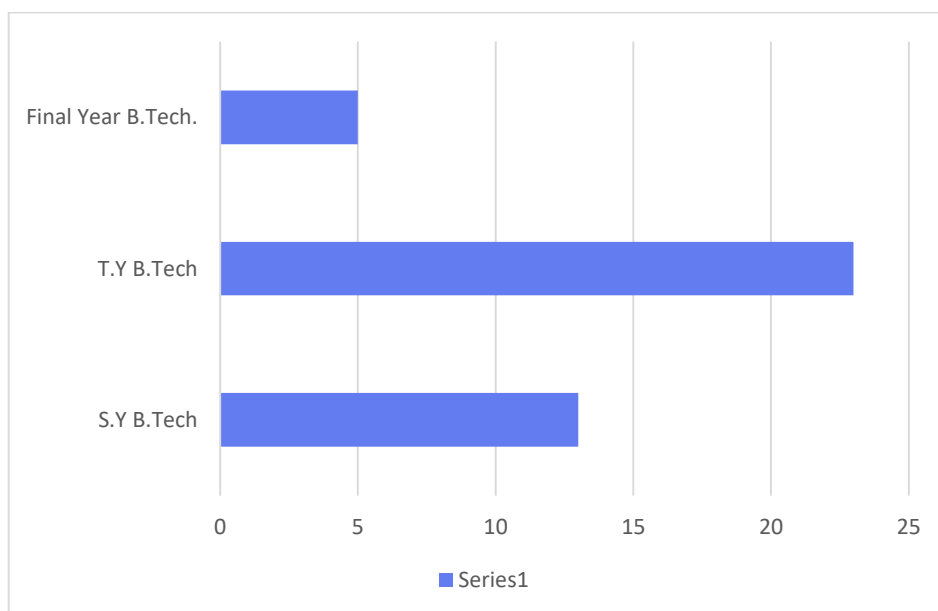| Sr. No.	Name	Achievements
1.	Jenil Manish Savla	Paper accepted for publication in European Chemical Bulletin
2.	JOSHI KUNAL	Presented our paper on Packetenizer at IIT Delhi, 14th International conference on computing, communication and networking technologies
3.	Syed Mohammed Raza Rizvi	Kavach Finalist 2023.

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4.	Manan Shah	Won 1st prize at the UST D3code hackathon conducted from 30th September to 1st October.
5.	Syed Mohammed Raza Rizvi	Research paper titled "EADDA: Towards Novel and Explainable Deep Learning for Early Alzheimer's Disease Diagnosis Using Autoencoders" was accepted and published in International Journal Of Intelligent Systems And Applications In Engineering.

STUDENTS' COUNT

Sr. No.	Class	No of students
1	S.Y B.Tech	13
2	T.Y B.Tech	23
3	Final Year B.Tech.	5

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Student Activities Analysis

5. PLACEMENT DATA

Sr. No.	Name of the Company	Total Package in LPA	Total Number of Students Placed
1.	Adobe	40	1
2.	Dolat Capital	23	1
3.	Dolat Capital	21	4
4.	Dolat Capital	18	6
5.	JP Morgan	17.75	20
6.	Visible Alpha	15.4	1
7.	Forcepoint	14.5	2
8.	ZS Associates	13.65	3
9.	ISS Governance	13	6
10.	Bank of America	12	1
11.	Interactive Brokers	10.4	1
12.	IIFL	10	3
13.	Sharekhan	10	1
14.	Falkonry	9.61	1
15.	Think 360	9.55	1
16.	Belden	8.8	1
17.	Cimpress	8.8	2
18.	Bildesk	8.5	1
19.	Quantiphi	8.5	7
20.	OFSS	8.11	5
21.	Edelweiss	8	1
22.	GEP	8	2
23.	Indus Valley	7.5	1
24.	HDFC	7.1	1
25.	EY	6.6	3