



ZEPHYR

2024-25

Voices.
Vision.
Victory.

By Department Of
Computer Engineering

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A Suave Anchor

A Message from the HoD's Table



Dear Students and Stakeholders,

It is with great pleasure that I extend a warm welcome to the Computer Engineering Department at Fr. C.R.I.T, Vashi, Navi Mumbai. As the Head of the Department, I am delighted to provide you with an overview of our esteemed UG degree program, which accommodates an intake of 120 students and holds accreditation from the National Board of Accreditation (NBA).

Our program immerses students in the world of programming, beginning with core concepts and progressing to advanced technologies. Our vision is to provide high-quality, application-oriented education that builds technical competence and ethical values, enabling meaningful contributions to industry and society.

Our dedicated faculty, along with well-equipped labs, ensure a strong and supportive learning environment. Beyond academics, we engage students through seminars, workshops, competitions, and hackathons under the CSI student chapter, promoting holistic growth.

We also encourage internships that offer valuable real-world exposure. We aim to cultivate research aptitude, teamwork, leadership, and critical thinking—skills essential for a successful career in computer engineering.

As Head of the Department, I extend my best wishes for a fulfilling four-year journey and a future marked by excellence and societal impact.

Dr. M. Kiruthika
Head of Department
Department of Computer Engineering

DEPARTMENT DETAILS

The Department of Computer Engineering at Fr. C. Rodrigues Institute of Technology, Vashi, was established in 1994. The department continuously strives to comply the goal of providing innovative and quality education with the emerging technologies to achieve academic excellence and provides platform for the students to achieve their career goals. The department has proud privilege of having qualified, experienced and dedicated faculty. It has modern computing amenities equipped with latest tools and technologies. The faculty members are working with a tremendous team-spirit to create best technocrats for industry and to accept the challenge in the global world. The department has strong collaboration with research organizations and leading industries. Our graduates have distinguished themselves in higher studies at the top Universities in India and abroad. They also occupy positions of eminence in the computer industry. To provide value-added inputs and exposure to industry, our Alumni remain in constant touch with the department by providing their contribution in conducting various workshops with hand-on experience and expert lectures. The National Board of Accreditation (NBA), New Delhi, has accredited the department in the year 2006, 2012, 2016, 2019 and 2022.

DEPARTMENT VISION & MISSION



Vision:

To contribute significantly towards industry and research oriented technical education leading to self-sustainable professionals and responsible citizens.

Mission:

- To provide quality and application oriented education to meet the industry requirements.
- To prepare technically competent, ethical, socially committed professionals with good leadership qualities.
- To facilitate an opportunity to interact with prominent institutes, alumni and industries to understand the emerging trends in computer technology.

PROGRAM OBJECTIVES & OUTCOMES

Program Educational Objectives (PEO):

Revised for Autonomy Model (Effective from A.Y 2024-25)

Graduates will be able to:

1. Excel in professional career and higher education in the thrust area of computer engineering.
2. Develop software products by adapting to the trends in emerging technologies to solve real life problems.
3. Exhibit ethical practices, professional conduct and leadership qualities with an innovative mind set.

Program Specific Outcomes (PSO):

Revised for Autonomy Model (Effective from A.Y 2024-25)

Graduates will be able to:

1. Apply problem solving skills in the area of Computer Engineering.
2. Demonstrate programming and system integration skills in various domains leading to active contribution towards solving business problems in product, service or consultancy organizations.
3. Inculcate self-learning and research attitude with collaborative working skills for excelling in continuous personal and professional development.

DEPARTMENT FACULTY DETAILS

Our department stands strong because of the dedication, expertise, and unwavering guidance of our faculty. Each professor brings a unique blend of academic excellence, industry insight, and a passion for teaching that shapes the growth of every student. Their commitment to nurturing curiosity, encouraging innovation, and fostering a supportive learning environment is at the heart of our department's achievements. Together, they inspire us to think boldly, work diligently, and strive for excellence in all we pursue.

DR. LATA RAGHA

PHD

PROF. AND DEAN OF STUDENT AFFAIRS AND ALUMNI



DR. M. KIRUTHIKA

PHD

ASSOCIATE PROF. AND HEAD OF DEPARTMENT



DR. JYOTI MORE

PHD

ASSOCIATE PROF. & ASSISTANT HEAD OF DEPARTMENT





DR. CHHAYA PAWAR

PHD

ASSOCIATE PROF. & ASSOCIATE DEAN ACADEMICS

MR. AMROZ SIDDIQUI

M.TECH

ASSISTANT PROFESSOR



DR. SMITA DANGE

PHD

ASSISTANT PROFESSOR



MS. RAKHI KALANTRI

PHD PURSUING

ASSISTANT PROFESSOR



MS. SHAGUFTA RAJGURU

M.E (COMP)

ASSISTANT PROFESSOR



MS. KAVITA SHELKE

PHD PURSUING





MS. DAKSHYANI

PHD PURSUING
ASSISTANT PROFESSOR

MR.MRITUNJAY OJHA

M.E (I.T.)
ASSISTANT PROFESSOR



MR. RAHUL DIVAKAR JADHAV

M.E (COMPUTER)
ASSISTANT PROFESSOR

MRS. SMITA RUKHANDE

PHD PURSUING
ASSISTANT PROFESSOR



MRS CHETANA BADGUJAR

M.E
ASSISTANT PROFESSOR

MRS.PRIYAMVADA SINGH CHAUHAN

M.TECH
ASSISTANT PROFESSOR





DR. PRAVIN RAHATE

PHD

ASSISTANT PROFESSOR



MRS. PRACHI VERMA

M.TECH

ASSISTANT PROFESSOR



MRS. NUPUR GAIKWAD

M.E (COMPUTER)

ASSISTANT PROFESSOR



MRS. BHARATI KHATAWATE

M.E. (ELECTRONICS)

ASSISTANT PROFESSOR



MRS. BHAKTI AHER

M.E (COMPUTER)

ASSISTANT PROFESSOR



MRS. ROHINI DESHPANDE

M.E

ASSISTANT PROFESSOR



MRS. VIDYA KOTARI

PURSUING PHD
ASSISTANT PROFESSOR



MRS. UJALA PATIL

M.E
ASSISTANT PROFESSOR



MR. RAJ RAMCHANDANI

MS
ASSISTANT PROFESSOR



MRS. NEELAM JOSHI

PHD PURSUING
ASSISTANT PROFESSOR



MS. SHALAKA DESHPANDE

M.E
ASSISTANT PROFESSOR



MRS. PRAVEENA M

PHD PURSUING
ASSISTANT PROFESSOR

DEPARTMENT EVENTS

The Department of Computer Engineering in concomitance with the CSI (Computer Society of India) chapter of FCRIT Vashi organized various activities for the students to sharpen their technical acumen and serve as a window to the corporate world.

ACCESS

The Computer Society of India (CSI) at FR. C. Rodrigues Institute of Technology successfully hosted ACCESS 2024 on August 17st, inspiring hundreds of students with four high-impact sessions.

COMPUTER SOCIETY OF INDIA

PRESENTS

ACCESS

2024

COMPUTER SOCIETY OF INDIA

PRESENTS

CRYPTEX

2024

CRYPTEX

The Computer Society of India (CSI) at FR. C. Rodrigues Institute of Technology successfully hosted CRYPTEX 2024 a 3 day workshop with four key technical domains.

CODEMANIA

The Computer Society of India (CSI) at FR. C. Rodrigues Institute of Technology successfully hosted CODEMANIA on 25th September 2024.

COMPUTER SOCIETY OF INDIA

PRESENTS

CODEMANIA

2024

ACCESS

Speakers & Topics

SE:

World of IOT by Mr. Hanan Satopay (Founder and Director at Meta Craftlab)

Executive Presence by Mr. Satish Pande, (Director, VLite Training and Consultancy)

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TE:

Current Technology And Trends by Mr. Rathish Pillai (Associate Vice President - Technology at IKS Health)

Inculcating Values And Ethics by Mr. Chaitanya Bhambi (Project Manager, Digital Strategy team in PWC).

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BE:

Cutting Edge Technologies by Mr. Chandrashekhar Bhakuni, (Senior Manager, Tata Communications)

Effective Communication and Professional Behaviour by Mr. Utkarsh Shukla, (Superintending Engineer & Project Manager at ONGC)



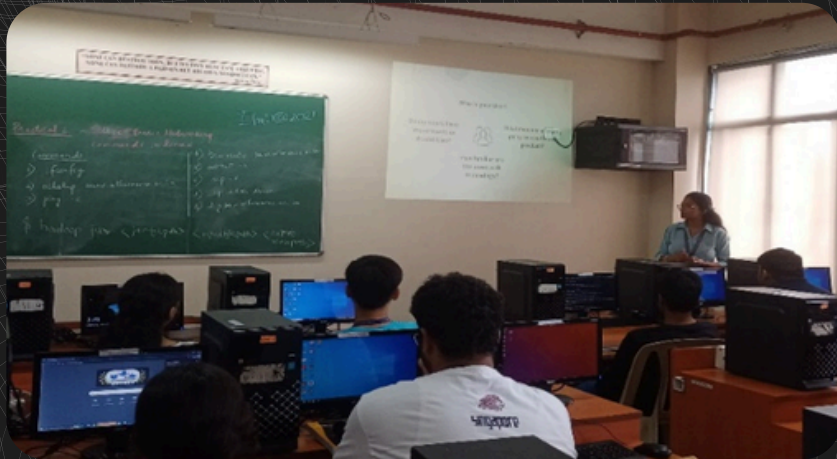
CRYPTEX



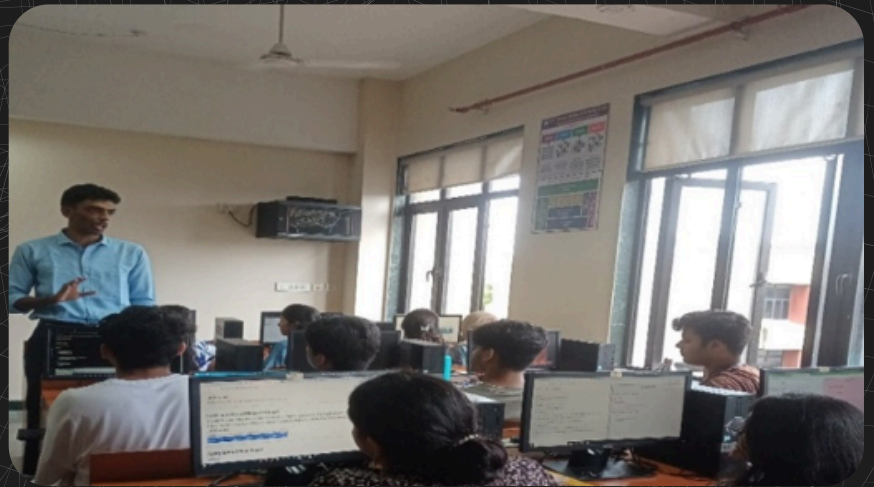
The Cryptex workshop served as a comprehensive platform for technical skill development, spanning three days of rigorous engagement. The curriculum was strategically divided into four distinct tracks: Git Github, AI/ML , UI/UX, and Web Development.

A key differentiator of the program was the assignment of domain-specific speakers for each module. This structure allowed for a pedagogical approach that prioritized depth and clarity, ensuring that complex concepts—ranging from algorithmic intelligence to secure network architecture—were conveyed effectively. By providing attendees with direct access to focused expertise, Cryptex successfully reinforced the practical application of engineering concepts in a professional context.

UI/UX



**WEB
DEVELOPMENT**



AI/ML



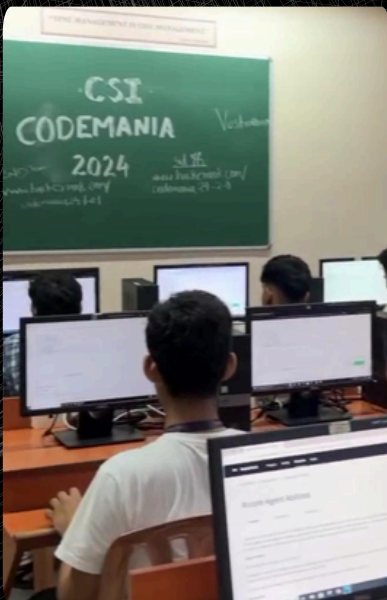
GIT GITHUB



CODEMANIA



On September 25th 2024, CSI hosted a spirited event—Codemania, transforming the excitement of competitive programming into a fast-paced battle of logic, creativity, and technical skill. The competition challenged teams through timed coding rounds and problem-solving tasks that tested speed, strategy, and teamwork, capturing the true spirit of collaborative coding and innovation.



HACKQUINOX



The Hackquinox hackathon was designed as an intensive innovation-driven experience, bringing together participants for a dynamic and collaborative problem-solving environment over the course of several days.

A defining aspect of Hackquinox was its emphasis on mentorship and guided learning. Each domain was supported by experienced mentors and industry professionals who provided continuous feedback, technical insights, and strategic direction. This approach ensured that participants not only focused on building functional prototypes but also understood the underlying principles and real-world applicability of their projects. By fostering creativity, teamwork, and technical depth, Hackquinox effectively bridged the gap between theoretical knowledge and practical innovation.

STUDENT ACHIEVEMENTS

Highlighting the milestones and accomplishments that represent the passion, growth, and excellence of our student community.



Our students continue to shine as torchbearers of innovation and talent. This year has been defined by remarkable victories in competitive coding and hackathons, alongside significant scholarly contributions through research papers and technical poster presentations. Their success extends well beyond the technical sphere.

Whether securing podium finishes in inter-collegiate sports or showcasing artistic brilliance in cultural festivals, our students have proven that true education goes beyond textbooks. Their diverse achievements in both co-curricular and extracurricular domains stand as a testament to their dedication to becoming well-rounded professionals.

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CO - CURRICULAR ACTIVITIES



SE COMP A

SR NO	NAME OF STUDENT	NAME & DETAILS OF THE ACTIVITY	ORGANIZING INSTITUTE/BODY AND ITS LOCATION	AWARDS WON
1	Deyon Tomy Joseph	CODE ZERO CTF Challenge	Fcrit,vashi	First Prize
2	Chris Anil	ENTREPRENEURIAL HUNT	E CELL	Second Prize
3	Aaralyn Sarin	ENTREPRENEURIAL HUNT	E CELL	Second Prize
5	Harshali Navnath Gaikwad	Debug the code	Student council	Second Prize
6	Anisha Dinesh Shinde	Technical mimic	Fcrit,vashi	Second Prize
7	Mohammed Faheem Madhia	Debug the code etamax	Student council	First Prize
8	Cheryl Cardoza	Algoquest	Fcrit Vashi	Second Prize
9	Cheryl Cardoza	The Annual National Level Flagship Event	Arena SIESGST	Third Prize
10	Savio David	BUG4EVER	SIES Nerul	Third Prize
11	Kavya Gadhave	Technical MIMIC	FCRIT Vashi	Second Prize
12	Kaushik Mehta	Basketball	Mumbai university	Third Prize
13	Aaron Coutinho	Chess	FCRIT Vashi	Third Prize

SE COMP B

SR NO	NAME OF STUDENT	NAME & DETAILS OF THE ACTIVITY	ORGANIZING INSTITUTE/BODY AND ITS LOCATION	AWARDS WON/ PARTICIPATION
1	Pratham Naresh Pawar	DSA Deep Dive Contest	FCRIT,VASHI	First Prize
2	Krish Pinto	Innovex	E-Cell FCRIT	First Prize
3	Krish Pinto	Tech Trivia	CSI (Computer)	First Prize
4	Krish Pinto	Cipher trail:Mission Pursuit	Agnel Cybercell	First Prize
5	Krish Pinto	Beyond the stars with Aidl	AIDL	First Prize
6	Elvina Binoy	Brandvision - Ui/UX & Website Design Challenge	E-Summit Algozenith	Second Prize
7	Ethan Rodrigues	Design Arena	CSI (Computer)	First Prize
8	Ethan Rodrigues	Beyond the stars with Aidl	AIDL	First Prize
9	Ethan Rodrigues	Tech Trivia	CSI (Computer)	First Prize
10	Arya Kalpak Suryavanshi	Technical Mimic	IEI	Second Prize

SE COMP B

SR NO	NAME OF STUDENT	NAME & DETAILS OF THE ACTIVITY	ORGANIZING INSTITUTE/BODY AND ITS LOCATION	AWARDS WON
11	Sakshi Bhushan Sonkul	Technical mimic	FCRIT Vashi	Second Prize
12	Nishan Menezes	Beyond the stars with Aidl	AIDL	First Prize
13	Maanvi Shadakshari	Technova- Hackathon	Xavier Institute of Engineering Technology, Mahim	First Prize
14	Siddhen Pise	TechNova- Hackathon	Xavier Institute of Engineering Technology, Mahim	First Prize
15	Ethan James Rodrigues	Alcoquest	Algozenith	First Prize
16	Patrick Joshua David	Spark-a-thon	E-Cell	Second Prize
17	Ethan Rodrigues	Webrush	AIDL	Second Prize
18	Allen Peter	Spark-a-thon	E-Cell	Second Prize
19	Ethan Rodrigues	Spark-a-thon	E-Cell	Second Prize
20	Advik Saxena	Hacktober Hackathon	GDSC club, RAIT college, DY Patil University	Third Prize

TE COMP A

SR NO.	NAME OF THE STUDENT	NAME & DETAILS OF THE ACTIVITY	ORGANIZING INSTITUTE/BODY AND ITS LOCATION	AWARDS WON
1	Christopher Aseer J Albert	Project Competition	FCRIT, Vashi	Second Prize
2	Anushka Dalvi	Techsparks	FCRIT, Vashi	Second Prize
3	Jasmine Fernandes	Project Presentation Competition	FCRIT, Vashi	Second Prize
4	Jeremy Jacob	Techsparks	FCRIT, Vashi	Second Prize
5	Luziana DMello	PRAKALPA 2025	ISTE KJSSE	Second Prize
6	Priyanka Choudhari	Prakalpa technovate national level project competition	FCRIT, Vashi	Second Prize
7	Satyajit Sudarshan Gahan	SAEISS ADDC 2025	SAEINDIA KCG College, Chennai	First Prize
8	Joel Mathew Job	Techxter14.0 National Paper Presentation	SIES, Nerul	Second Prize
9	Earnest Ebenezer	Paper Presentation (ICoACT 2025))	P.S.R Engineering College, Sivakasi, TamilNadu , India	First Prize
10	Chavakula Sophia John	Paper Presentation (ICoACT 2025))	P.S.R Engineering College, Sivakasi, Tamil Nadu, India	First Prize
11	Ashli Paul	TECHXTER-14.0	SIES GST	Second Prize
12	Joel Mathew Job	HackIIT Cybersecurity Hackathon	IIT Kanpur & C3iHub	First Prize

TE COMP A

SR NO.	NAME OF THE STUDENT	NAME & DETAILS OF THE ACTIVITY	ORGANIZING INSTITUTE/BODY AND ITS LOCATION	AWARDS WON
13	Sagar Kallimani	Hack IITK 2025	IIT Kanpur	First Prize
14	Anuj Sachin Kadu	Hack IITK 2024	C3i Hub	First Prize
15	Christeen Toms	Cipher Trail: Mission Pursuit	AGNEL CYBER CELL, FCRIT, VASHI	Second Prize
16	Harsh Gorakh Khairnar	HACK IITK 2025	IIT Kanpur	First Prize
17	Harsh Gorakh Khairnar	SIH 2024	MOE and AICTE	Second Prize
18	Ketaki Sanjay Chalke	Spark-A-thon	FCRIT, Vashi	First Prize
19	Mustansir Bhagat	Ideation 2024	SIESGST Nerul	Third Prize
20	Anuj Sachin Kadu	Codebreakers wanted	Cybercell FCRIT	Second Prize
21	Anuj Sachin Kadu	Web Rush ,	AIDL FCRIT	Third Prize
22	Swayam Gawali	Web Rush	AIDL Club	Second Prize
23	Harsh Khairnar	Hacktivite-2k24	Hacktify Cybersecurity	Third Prize

TE COMP B

SR NO.	NAME OF THE STUDENT	NAME & DETAILS OF THE ACTIVITY	ORGANIZING INSTITUTE/BODY AND ITS LOCATION	AWARDS WON
1	Aayush Nehete	SAE ADDC 2025 (Safe Design System)	SAEINDIA	Third Prize
2	Aayush Nehete	SAE ADDC 2025 (Drone Competetion)	SAEINDIA	First Prize
3	Aayush Nehete	Certificate of Appreciation (Vice-Captain)	AERO FCRI (Vashi)	First Prize
4	Swastik Sharma	Technical Paper Presentation Competition	IETE-ETSA	First Prize
6	Atif Sawant	Algoguest	FCRI,VASHI	Second Prize
7	Mrunmayee Dalvi	Spark-a-thon	E-Cell Fcric	First Prize
8	Niyati Singh	Sparkathon 2024	FCRI,VASHI	First Prize
9	Devishree Nadar	Codemanía	CSI (Computer)	First Prize

BE COMP A

SR NO.	NAME OF THE STUDENT	NAME & DETAILS OF THE ACTIVITY	ORGANIZING INSTITUTE/BODY AND ITS LOCATION	AWARDS WON
1	Kaushik Gage	P CUBE	Department of computer engineering	Second Prize
2	Kaushik Gage	P CUBE	Department of computer engineering	First Prize
3	Ananth Balvalli	Hackathon 3.0	DMCE, Airoli	Third Prize
4	Aareen Dholakia	IDEATHON 2K25	IEI FMSC	Second Prize
5	Shruti Dalvi	IDEATHON 2K25	IEI FMSC	Second Prize
6	Shreyas Deshpande	Pcube-Project	Department of Computer Engineering	First Prize
7	Shreyas Deshpande	Pcube-Model	Department of Computer Engineering	Second Prize
8	Chavan Shivankur Rajendra	PCUBE	Computer Department	Second Prize
9	Niranjan Kurhade	PCUBE	FCRIT	Second Prize
10	Niranjan Kurhade	PCUBE	FCRIT	First Prize
11	Anson Abraham	Pcube	FCRIT	Third Prize
12	Aditya Deshpande	PCUBE model building	Department of Computer Engineering FCRIT	Second Prize

BE COMP A

SR NO.	NAME OF THE STUDENT	NAME & DETAILS OF THE ACTIVITY	ORGANIZING INSTITUTE/BODY AND ITS LOCATION	AWARDS WON
13	Rolston Fernandes	PCUBE (Project presentation)	FCRIT, vashi	Second Prize
14	Harsh Dharpawar	P CUBE	FCRIT Vashi	First Prize
15	Aaron S George	P CUBE	FCRIT	Third Prize
16	Jim Royston	P Cube	FCRIT Computer Department	Third Prize
17	Angela Viju	P Cube project presentation	FCRIT	Third Prize
18	Rutuja Borchate	P Cube Poster presentation	FCRIT, Vashi	Third Prize
19	Savio Dias	P Cube Competition	FCRIT, Vashi	Second Prize
20	Anne Mary Johnson	P Cube	FCRIT, Vashi	Third Prize
21	Darren Dsouza	P Cube	FCRIT, Vashi	Second Prize
22	Reuben DSilva	P Cube	DEPARTMENT OF COMPUTER ENGINEERING	Third Prize
23	Reuben DSilva	P Cube	DEPARTMENT OF COMPUTER ENGINEERING	Third Prize
24	Suhaani Aggarwal	P Cube	Computer Department FCRIT	First Prize

BE COMP A

SR NO.	NAME OF THE STUDENT	NAME & DETAILS OF THE ACTIVITY	ORGANIZING INSTITUTE/BODY AND ITS LOCATION	AWARDS WON
25	Shruti Bhagole	P Cube - Project, Model and Poster Presentation Competition	FCRIT, Vashi	Third Prize
26	Atharv Kadam	P Cube	FCRIT	First Prize
27	Aryan Hirlekar	P Cube	FCRIT, Vashi	Second Prize
28	Jeevan Kunder	P Cube	FCRIT, Vashi	Second Prize
29	Prashansa Erande	P Cube	Computer Department, FCRIT	First Prize
30	Rohan Dhonde	P Cube- Project and Poster presentation competition	Computer Department - FCRIT	Second Prize
31	Prashansa Erande	P Cube	Computer department, FCRIT	First Prize
32	Aryan Hirlekar	Beyond the Stars with AIDL	Fr. Conceicao Rodrigues Institute of Technology	First Prize
33	Aashish Bathe	Turing Cup 2025	SIES Arena	First Prize
34	Devashish Jawale	Smart India Hackathon	Government of India, Mumbai	Second Prize
35	Prashansa Erande	Academic	FCRIT	Third Prize

BE COMP A

SR NO.	NAME OF THE STUDENT	NAME & DETAILS OF THE ACTIVITY	ORGANIZING INSTITUTE/BODY AND ITS LOCATION	AWARDS WON
36	Savio Dias	Spark-a-thon	Ecell and IISC	First Prize
37	Jayesh Chaudhari	Spark-a-thon	E-Cell	First Prize
38	Tejashree Bhangale	Spark-a-thon	FCRIT, Vashi	First Prize

BE COMP B

SR NO.	NAME OF THE STUDENT	NAME & DETAILS OF THE ACTIVITY	ORGANIZING INSTITUTE/BODY AND ITS LOCATION	AWARDS WON
1	George Perakathu	ELECTROWIZ 2025, DMCE	DMCOE	Second Prize
2	Prashant Patil	ELECTROWIZ 2025 - National level project competition	DMCOE	Second Prize
3	Shaun Mascarenhas	National level project competition	DMCOE	Second Prize
4	Rose Mary Jose	P Cube	FCRIT Vashi	Second Prize
5	MARCUS MICHAEL	Electrowiz national level project competition	DMCOE	Second Prize
6	Sanjana Santhosh	Intelligent Job classification and Notification system using Placement Data	S k college , seawoods	Second Prize
7	Divyakshi Tare	Inventopia project exhibition	SK College of Science and commerce, nerul, navi mumbai	Second Prize

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EXTRA CURRICULAR ACTIVITIES



SE COMP A

SR NO	NAME OF STUDENT	NAME & DETAILS OF THE ACTIVITY	ORGANIZING INSTITUTE/BODY AND ITS LOCATION	AWARDS WON
1	Kavya Gadhave	Technical MIMIC	FCRIT Vashi	Second Prize
2	Kaushik Mehta	Basketball	Mumbai university	Third Prize
3	AARON COUTINHO	CHESS	FCRIT Vashi	Third Prize
4	Shloka Karbhajan	Vocal Vobes	Student council	Second Prize

SE COMP B

SR NO.	NAME OF THE STUDENT	NAME & DETAILS OF THE ACTIVITY	ORGANIZING INSTITUTE/BODY AND ITS LOCATION	AWARDS WON
1	Tanishq Gideon Trevor Pinto	Entrepreneurial Hunt	E CELL, FCRIT	First Prize
2	Sumit Pawar	THE RHYTHM CHALLENGE	FCRIT Rhythm Club	First Prize
3	Aarya Mhatre	Beyond the Stars	AIDL FCRIT VASHI	First Prize
4	Aarya Mhatre	Design Arena	CSI COMPS FCRIT VASHI	First Prize
5	Kaustubh Sudesh Waje	Rhythm Challenge	FCRIT Rhythm Club	First Prize
6	Maanvi Shadakshari	Stratfit Arena	E-Cell FCRIT	Second Prize
7	Merin Rose George	Entrepreneurial Hunt (E-Summit)	E-Cell FCRIT	First Prize
8	Patrick Joshua David	Football	Mumbai university	First Prize
9	Pratiksha Patil	Relay 4*200 (Girls)	FCRIT Vashi	First Prize
10	Pratham Naresh Pawar	Pot Colouring Competition	FCRIT Vashi	Second Prize

TE COMP

SR NO.	NAME OF THE STUDENT	DIVISION	NAME & DETAILS OF THE ACTIVITY	ORGANIZING INSTITUTE/BODY AND ITS LOCATION	AWARDS WON
1	Clint George	A	Ideathon	SIES - GST	Third Prize
2	Atharva Dipak Magar	B	NSS	NSS FCRI	First Prize
3	Sania Shaji Joseph	B	Tug of War	FCRI, Vashi	First Prize
4	Ruvina Vas	B	Throwball(Faces)	FCRI, Vashi	First Prize
5	Ruvina Vas	B	Volleyball (Faces)	FCRI, Vashi	Second Prize

BE COMP

SR NO.	NAME OF THE STUDENT	NAME & DETAILS OF THE ACTIVITY	ORGANIZING INSTITUTE/BODY AND ITS LOCATION	AWARDS WON
1	Serena Gomez	IPL Auction	E-Cell FCRIIT	Third Prize
2	Jiol Simon	Football	University of Mumbai	Second Prize
3	Anson Abraham	Thane zonal football tournament	SST college, Ulhasnagar	Second Prize
4	Rolston Fernandes	Thane zonal Football Tournament	SST College, Ulhasnagar	Second Prize
5	Rohan Rajaram Dhonde	Nadsfuti-SIES Intercollegiate Cultural Competition.	Marathi Vangmay Mandal- SIES Nerul	First Prize
6	Sheryl Shaju	Relay 4*200m	Student Council	First Prize
7	Sheryl Shaju	Athletics 200m	Student Council	Second Prize
8	Avanti Kamod	Kho-Kho Competition held during FACES 2024	Student Council	First Prize
9	Mansi Dnyandeo Kumbhar	Athletics 100 m	Student Council FACES	Third Prize
10	Prashansa Erande	FACES KHOKHO	Student Council	First Prize
11	Atharv Chavan	Havtivate (Hackathon)	Hacktify, Andheri	Second Prize

FACULTY ACHIEVEMENTS

A tribute to our faculty whose achievements reflect their commitment to teaching, research, and shaping the future of our students.



We take immense pride in the scholarly contributions of our faculty, who have been at the forefront of innovation this year. With multiple papers published in top-tier international journals and patents filed in emerging technologies, their work is shaping the future of computing .

Beyond research, our faculty have set new benchmarks in professional excellence from securing top-tier certifications in Cybersecurity and AI to receiving prestigious regional awards and leading social impact initiatives. These accomplishments reflect an unwavering commitment to bridging the gap between theoretical knowledge and real-world application.

2024-2025

Sr. No	Name of the Faculty	Achievement	Date
1	Dr.Lata Ragha	Academic Excellence in Head of Department Regional Category by IEI NMLC-Fr.C.R.I.T Excellence Award	18/09/2024
2	Dr.Jyoti More	Industry training Wipro WCF	June 2024
3	Dr.Jyoti More	Guided group at Avishkar- Zonal Round-Winner	15/12/2024
4	Dr.Jyoti More	FCRIT-Incentive –for Research	09/01/2025
5	Dr.Chhaya Pawar	Participation in Avishkar Final round	15/12/2024
6	Dr.Smita Dange	As a Section committee at C-DAC	13/03/2025
7	Dr.Smita Dange	wipro WCF training recognised - as mentor for project based learning app and WIPRO certified faculty TALENTNEXT	June 2025
8	Mrs.Dakshayani G	NPTEL online certification with ELITE grade in Cyber Security and Privacy.	October 2024
9	Mrs. Kavita Shelke	Wipro Certified Trainer - Digital Skills Readiness Program Wipro Certified Faculty For Java Full Stack	June 2024
10	Mr. Rahul Jadhav	NPTEL CERTIFICATION- received ELITE certificate in introduction to AI course of NPTEL	October 2024

Sr. No	Name of the Faculty	Achievement	Date
11	Mr. Rahul Jadhav	wipro WCF training recognised - as mentor for project based learning app and WIPRO certified faculty TALENTNEXT	June 2025
12	Mr. Rahul Jadhav	special recognition on STEM CELL registration received special recognition for creating awareness and 110+ stem cell donor registration	13/02/2025
13	Mr. Rahul Jadhav	Special Appreciation for outstanding leadership and dedication during the women's day 2025 Marathon	09/03/2025
14	Mrs. Priyamvada Chauhan	Wipro training WCF trainer certificate for .Net Full stack	May 2024
15	Mrs. Neelam Joshi	NPTEL certification- computer network and internet protocol	April 2025
16	Mrs. Prachi Verma	WCF exam clearance certificate - DotNet Fullstack wipro certified faculty	May 2024
17	Mrs. Vidya Korttari	Professional certificate - Professional Certificate Program in Generative AI and Machine Learning Learning	30/10/2024

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FACULTY PUBLICATIONS

2024-2025 FACULTY PUBLICATIONS

Sr. No.	Name of the Faculty	Title of the paper	Details of Publication	Indexing
1	Dr. Lata Ragha	Secured and efficient MLP algorithm based on Sand Cat Swarm Optimization and homomorphic encryption for healthcare data	Progress in Artificial Intelligence , August 2024.	Springer
		Predicting Wheat Yield in Agricultural Industry Using Deep Learning Techniques: A Review	Nigerian Journal of Technology , 43(4), pp. 716-737, December 2024.	Scopus
2	Dr. Jyoti M	AgentSphere: A Novel Influencer Maximization Algorithm using Agent-Based Modeling in Social Networks	International Journal of Engineering Trends and Technology , Volume 72 Issue 7, 312-318, July 2024	Scopus
		Blockchain Based Intelligent System for Non-Fungible Token: A Novel Approach	International Journal of Engineering Trends and Technology , Volume 72 Issue 7, 312-318, July 2024	Scopus
3	Dr. Chhaya Pawar	Estimating Pain Intensity from Facial Expressions	Journal of Information Systems Engineering and Management , vol. 10, no. 11s, pp. 606-624, 2025.(SCOPUS)	Scopus

2024-2025 FACULTY PUBLICATIONS

Sr. No.	Name of the Faculty	Title of the paper	Details of Publication	Indexing
4	Ms. Rakhi kalantri	Advancing Cyber Threat Detection with Ai: Cutting-Edge Techniques and Future Trends	Journal of Information Systems Engineering and Management, 10(14s) ISSN:2468-43762025	Scopus
5	Mrs. Priyamvada Singh Chauhan	Predicting Wheat Yield in Agricultural Industry Using Deep Learning Techniques: A Review	International Journal of Engineering Research in Computer Science and Engineering (IJERCSE), Volume 11 Issue 08 August 2024	--
6	Mrs. Snehal Nikalje	Predicting Wheat Yield in Agricultural Industry Using Deep Learning Techniques: A Review	International Journal of Engineering Research in Computer Science and Engineering (IJERCSE), Volume 11 Issue 08 August 2024	--
7	Mrs. Bhakti Aher	Predicting Wheat Yield in Agricultural Industry Using Deep Learning Techniques: A Review	Journal of Emerging Technologies and Innovative Research (JETIR), 2349-5162,2025.	--

CAMPUS PLACEMENTS

Showcasing the successful journeys of our students as they step into the professional world through remarkable campus placement opportunities.



We take immense pride in the exceptional professional success of our graduating class, who have secured coveted roles at leading global technology firms this year. With a remarkable placement record featuring recruitments by industry giants, our students are poised to make significant contributions to the corporate world.

Beyond merely securing employment, they have demonstrated deep technical acumen and adaptability, cracking rigorous selection processes for specialized roles. These placement milestones reflect an unwavering commitment to bridging the gap between academic preparation and industry demands, validating the quality of talent nurtured within our institution.

2024-2025 CAMPUS PLACEMENTS

Name Of The Student	Placed company	Package in
Aaron S George	TCS Digital	7
Aditya Arockiadass	HDFC Life	8
Suhaani Aggarwal	CCIL	9
Leona Alphonso	Accenture	4.5
Angela Viju	TCS Digital	7
Anne Mary Johnson	TCS Ninja	3.36
Austin Paul	TCS Digital	7
Balvalli Ananth Vinod	Godrej	7.75
Bathe Aashish Balaji	TCS Prime	9
Pranav Batki	Aurionpro	4.5
Shruti Bhagole	TCS Ninja	3.36
Tejashree Bhangale	TCS Digital	7
Jayesh Nilesh Chaudhari	CCIL	9
Angelin Abisha M Arul Dass	R K Foodland	3
Shruti Deshpande	HSBC	9
Harsh Dharpawar	TCS Digital	7
Rohan Dhonde	Navtor	5
Savio Dias	BrowserStack Off Campus	16.17
Reuben Brian Dsilva	HDFC Life	8

Name Of The Student	Placed company	Package in
Alistair Dsouza	TCS Digital	7
Colin Dsouza	Citiustech	5
Darren Dsouza	CCIL	9
Rolston Fernades	Citiustech	5
Kaushik Gage	HDFC Life	8
Troy Gonsalves	QDE	4
Devashish Narendrakumar Jawale	Doto Health	7.2
Shruti Katkar	TCS Ninja	3.36
Om Manohar Kolhe	TCS Ninja	3.36
Jeevan Kunder	Safran	4.5
Niranjan Kurhade	HDFC Life	8
Bernard Paul	Citiustech	5
Suhani Bhuti	zeus learning	6.2
Pranav Chaudhari	Aurionpro	4.5
Prashansa S. Erande	TCS Digital	7
Nimisha Yogesh Gharat	TCS Ninja	3.36
Darryl Lobo	TCS Ninja	3.36
Marcus Michael	zeus learning off	-
Shaun Mascarenhas	TCS Ninja	3.36
Rohan Mathew	TCS Ninja	3.36

Name Of The Student	Placed company	Package in
Chandresh Tulsidas Menon	Tecnimont	5.5
Sunidhi Munshi	TCS Digital	7
Anshilin Iyyadurai Nadar	TCS Ninja	3.36
Anurag Nalkar	Cognizant (GenC)	4
Neha Narewadi	TCS Digital	7
Mayur Dinkar Nikam	TCS Digital	7
Kaustubh Patil	TCS Digital	7
Sumit Patil	TCS Ninja	3.36
George Thomas Perakathu	TCS Ninja	3.36
Manoj Pottal	TCS Ninja	3.36
Sahu Aniketkumar Ramdayal	CCIL	9
Sakethreddy Dakamreddy Parne	ESDS	8
Stephen Sambyal	Sciaitve Solutions	5.5
Sanjana Santhosh	Aurionpro	4.5
Md Tahir Shikalgar	CCIL	9
Stalin Selvaraj	TCS Ninja	3.36
Roshni Y Thankachan	Safran	4.5
Alex Monzy Tharian	Cognizant (GenC)	4
Thejus Pradeep	TCS Digital	7
Ian Thomas	HDFC Life	8
Kousthubh Yadavalli	TCS Ninja	3.36
Vedant Gaikwad	CCIL	9

INDUSTRIAL VISITS

A glimpse into the industrial visits that enrich student learning and deepen their understanding of real-world applications.



We believe that true engineering education extends beyond the four walls of the classroom. This year, our industrial visits provided a critical bridge to the corporate world, giving students a front-row seat to the technologies driving the modern economy.

From witnessing agile workflows in real-time to exploring complex system architectures at renowned tech facilities, these immersive experiences allowed students to visualize the convergence of theory and practice. This exposure stands as a testament to our dedication to holistic learning, empowering our students to step into the professional world with confidence and practical foresight.

AIPL TECH IDEATION COE, VASHI, NAVI MUMBAI



SY A



SY B

AIPL TECH IDEATION COE, VASHI, NAVI MUMBAI



TY

HR OPTEL INDIA PVT. LIMITED, GOA - BE A



DIGISOL, SMARTLINK HOLDINGS LIMITED, GOA - BE B



TECHNICAL ARTICLES

Highlighting technical articles crafted by our students, offering fresh perspectives and thoughtful explorations into the world of technology.



The Tech Articles section stands as a testament to the vibrant intellectual culture fostered within our department. This year, our students have transformed their inquisitive nature into articulate, insightful pieces that explore the frontiers of modern engineering.

From deep dives into Artificial Intelligence to visionary takes on sustainable technology, these writings go beyond mere academic exercises; they represent the voices of future innovators. We celebrate their ability to synthesize complex concepts and share knowledge, proving that true mastery involves not just understanding technology, but explaining its potential to the world.

AI-Powered Malware: The Next Wave of Cyber Threats



By Akshath Narvekar

The use of artificial intelligence in cyberattacks is quickly changing the malware landscape. In the past, malware relied on fixed signatures, predictable patterns, and coded logic. With the rise of generative AI and automated decision-making models, a new type of AI-powered malware is developing. This malware can learn and change within infected systems.

Recent research from Cybersecurity Dive (2024) shows that attackers are trying out AI models that can change payloads on their own, imitate legitimate user behavior, and bypass security measures. This is a major step up from traditional threats. Instead of relying on pre-programmed instructions, this malware can create new actions in real time based on system feedback.

One of the most troubling features is adaptive evasion. Once inside a system, the malware can examine running processes, identify security tools, and smartly adjust its actions. For example, if the malware detects monitoring, it may lower CPU use, delay execution, or alter its own code to seem harmless. This real-time reasoning makes signature-based antivirus programs less effective. AI also allows for autonomous lateral movement. Traditional worms follow fixed rules to spread, while AI-powered versions can choose which system to target next, find the best way to exploit it, and even create phishing messages customized for specific users.

By analyzing network traffic or stolen emails, the malware can develop convincing communications that boost infection success rates. Another growing threat is the use of AI for code obfuscation and mutation. Instead of sending out one version of malware, attackers can include a small AI model that constantly generates new polymorphic code. This means each infected machine might have a slightly different version of the malware, making detection and reverse-engineering much harder.

To defend against these threats, security must shift from static detection to behavior-based and AI-assisted tools. Security systems need to spot unusual activity, predict attack patterns, and respond on their own. This means fighting AI with AI. The rise of AI-enabled malware signals a crucial change in cybersecurity. As attackers use intelligent automation, organizations must improve their defensive strategies or risk being outpaced by adversaries that learn faster than ever before.

The Illusion of Thinking: Why LLMs Are a Dead End



(And Why "World Models in the Latent Space" Could Be the Future)

By Shreyas Thale

Right now, the world is intoxicated by Generative AI. We stare at Main stream LLMs solving coding problems and automate tasks. Every week, a new model is published on Hugging Face, beating the SOTA models by OpenAI, Anthropic, Google on publicly available or the "trust me bro"—benchmarks. We think that we are on the verge of AGI (Artificial General Intelligence).

But we must look past the hype. I am here to argue that we are not seeing the beginning of true intelligence. If we rely solely on LLMs, we are driving into a technological cul-de-sac. The future of AI isn't Generative. The future is Predictive. And the architecture that will take us there is not a Causal Language Model—it is JEPA.

The Data Efficiency Paradox

LLMs are trained on practically the entire internet. Yet, they still hallucinate physics and fail at cause-and-effect reasoning. Contrast this with human learning. Yann LeCun, stated that a 4 year-old child has processed collectively more data through sensory input than the largest LLMs. Yet, that child learns to understand world dynamics with a fraction of the training iterations.

Why? Because the child isn't predicting the next word. The child is building a World Model.

The Theory: Cognition is Not Words

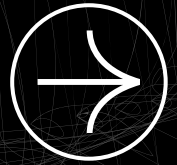
Here is the theory (at least mine): the more we model the cognitive processes of the biological brain, the more we can make AI models truly intelligent.

Consider how you think. When you solve a complex problem or imagine a scenario, you don't think exclusively in any language. You think in concepts not tokens.

We process reality in an abstract latent space, irrespective of our mother tongue or sensory inputs. The ideas of "Chain of Thoughts" and reasoning we see in LLMs merely mimic the output of Intelligence, not the process itself.

True cognition doesn't occur at the full dimension of reality it occurs in a compressed, efficient abstraction. For AI to evolve, its processing shouldn't occur at full dimensionality either. It must happen in "Latent Space".

The Illusion of Thinking: Why LLMs Are a Dead End



(And Why "World Models in the Latent Space" Could Be the Future) (Contd.)

By Shreyas Thale

JEPA: Joint Embedding Predictive Architecture

Generative models are inefficient. If you ask an AI to predict a video of a car driving down a road, it tries to predict the movement of every leaf on every tree. That is computationally expensive and irrelevant.

JEPA does something different. It ignores the noise.

- Observation: It takes an input (like a video frame) and compresses it into a mathematical summary (an embedding).
- Latent Prediction: It predicts the representation of the future state, not the pixels.
- Reality Check: It compares its abstract prediction to reality to learn physics and causality.

JEPA becomes vastly more efficient. It learns to understand the structure of the world—gravity, collision, momentum—without human supervision.

The Call to Action

I am not the only one saying this. One of the pioneers of our field, Yann LeCun has warned that LLMs "suck the air out of the room," dominating funding despite lacking memory, planning, and grounding.

The industry is flooded with "Prompt Engineers." But the next breakthrough won't come from writing better prompts. It will come from architectures that understand reality. The 2010s were the decade of Deep Learning. The early 2020s were the era of the LLM.

But the future belongs to World Models.

Final Note:

Stop focusing on the Parrot. Build models that understand reality.

HER LAND HER RULES

"She doesn't ask for permission. The soil knows her footsteps,
the sun follows her rhythm. No manuals, no managers —
just instinct, grit, and legacy. Here, she's not just a woman.
She's the law."

-ATHARVA MAGAR



CREATIVE SECTION

RHEA VARGHESE

01 RHEA VARGHESE

02



RHEA VARGHESE

03 RHEA VARGHESE

04





ANJALI MORE

08

SARVESH SHINDE

09



SARVESH SHINDE

10

VINIT NANNAWARE

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ISHIKA VISHAL SHINDE

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ISHIKA VISHAL SHINDE

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ATHARVA MAGAR

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ANJALI MORE

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SIDDHEN PISE

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Uprooted



By Vallari Patkar

It was raining cats and dogs,
As if the sky had been flogged.
The drains had flooded heavily,
Making the streets an angry sea.
Every noisy animal hid itself,
And every little bird flew away.
No one noticed an old tree,
Which stood by the road sickly.
It nurtured no leaf,
Nor did it bear any fruit to eat!
Its age could not bear
The pain of the heavy rain.
It couldn't dance like the other trees,
Nor could it listen to the songs of the
wind.
It thought of the darkest days,
And how it had played them well.
But today different was its abode,
That any moment, it could blow up.
The empty streets grew his fear,
And he couldn't find any help near.
It stared at the sky,
And knew it was time to say goodbye!

Half morning did he survive,
By the afternoon, it started to strive.
Breathing very heavily,
It passed the evening.
When the sky became all dark,
There was some strain on its bark.
Its roots slowly became timid,
By midnight, it fell on the street.
At morning, it was completely dead,
By then, the errant rain also fled.
Some grumpy officers took it away
To the minor factory beside the
railway.

Ain't I just a passing cloud?



By Shloka Karbhajan

It starts with a place,
Unfamiliar air,
A quiet excitement humming aloud,
Like a sky welcoming a passing cloud.

Soft-toned hellos,
Eyes held low,
I stitch myself small inside the crowd,
Afraid of being a passing cloud.

I speak less,
I watch more,
Learn which silences are allowed,
Learning how to live like a passing cloud.

Smiles come easy,
Names stick close,
I laugh without looking around,
Almost forgetting I'm a passing cloud.

Then warmth arrives,
Seats are saved,
Joy feels real and allowed,
Almost forgetting I'm a passing cloud.

Then something shifts,
Before it breaks,
Voices change and distance grows loud,
Everyone knows I'm a passing cloud.

Rumours sting,
Rooms feel cold,
Even walls want me unallowed,
Like the house rejects a passing cloud.

Locked in her room,
Knees to the floor,
She yells at herself loud and loud-
"You're nothing more than a passing cloud!"

I fall as rain,
Sink into soil,
Feed roots I won't see sprout,
Then rise again like a passing cloud.

I've seen more skies,
Than those who stay,
Held their truths, tender and loud,
Because I lived life as a passing cloud.

I've learned faces,
Across many skies,
Held borrowed homes, lost and found,
Because I keep moving on as a passing cloud.

Now when I look back,
With kinder eyes,
At the girl who shrank, then grew around,
Her fear of being a passing cloud.

So, if I drift,
I drift with purpose,
Carrying storms, then laying them down-
I am not less for being a passing cloud.

So, if I leave,
I leave full,
Of love, of scars, of being allowed-
No longer afraid of being the passing cloud.

I bring the rain,
I leave the blue,

I've loved in places I can't count-
And yes, I am a passing cloud.

MAGAZINE COMMITTEE



ELVINA BINOY



RHEA VARGHESE



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