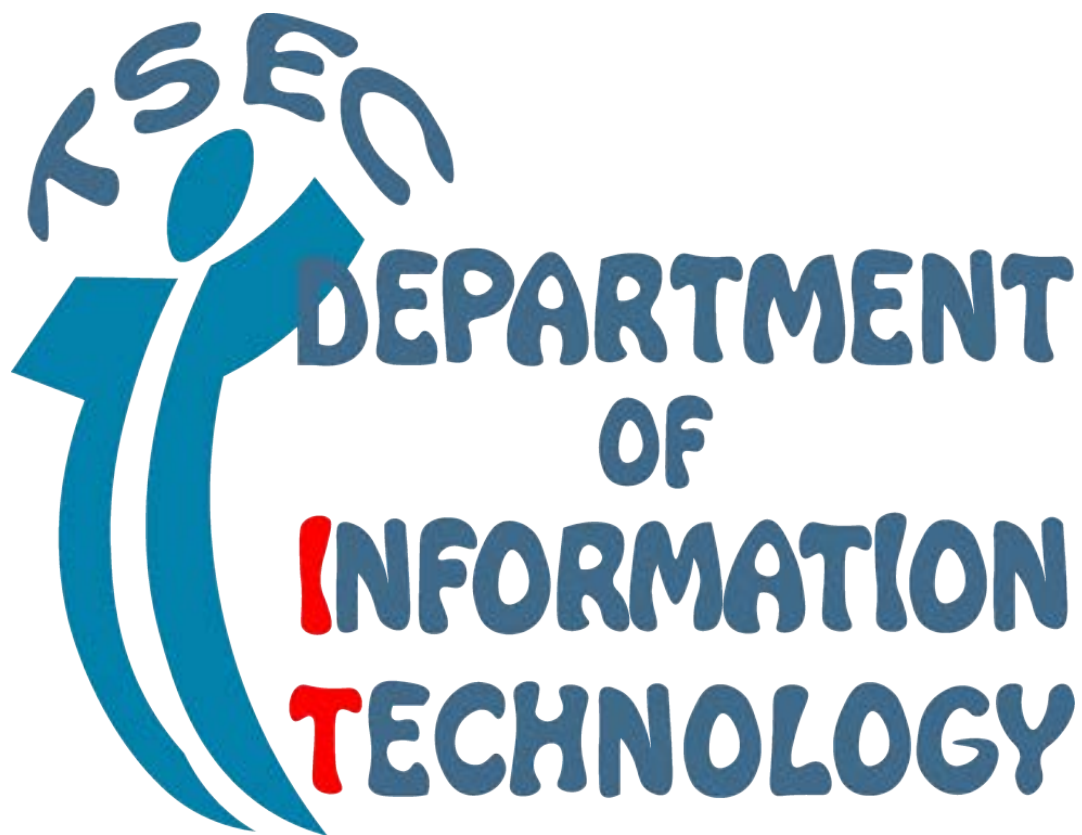




THADOMAL SHAHANI

TSEC

ENGINEERING COLLEGE



FROM THE PRINCIPALS DESK

As we proudly present the Information Technology Department's Annual Magazine, we stand at the cusp of a revolution that promises to redefine the fabric of our world. The realm of Artificial Intelligence, particularly Agentic AI, has begun to unlock unprecedented opportunities for innovation and growth.



For our Information Technology students, the landscape has never been more exciting. The convergence of AI, machine learning, and semiconductor manufacturing has created a fertile ground for experimentation, exploration, and entrepreneurship. As we witness the dawn of a new era, our students are poised to play a pivotal role in shaping the future.

This annual magazine is a testament to the creativity, ingenuity, and passion of our students. Through its pages, we showcase the latest trends, breakthroughs, and success stories in the realm of IT, with a special focus on Agentic AI and semiconductor manufacturing. We invite you to join us on this journey into the future, as we explore, discover, and innovate together.

Dr. G. T. Thampi
Principal



HOD'S MESSAGE

It is my privilege to welcome you to this edition of our department magazine. The magazine reflects on the journey we've taken over the past year. It will be clear from the magazine that our department has grown stronger, embraced fresh opportunities, and celebrated numerous achievements. This magazine showcases the dedication and hard work of the staff and students of Department of Information Technology.



This magazine not only highlights the milestones we've reached but also serves as a testament to the spirit of collaboration, creativity, and resilience that defines our department.

Inside, you'll find stories that capture our successes, insights into Department activities, and a look at the future we're shaping together.

I would like to press on the fact that the success of the Department is due to combined efforts of the Teaching Staff, Non-Teaching Staff and the Students and I want to take this opportunity to Thank each and every Staff member and the student who contribute for the upliftment of the Department.

A Special Thank You to our beloved Principal Dr. G T Thampi who as a Leader, mentor and guide ensures that the Department is provided with State of art facilities and nudges us to achieve greater heights

Our department's commitment to progress and innovation is at the core of everything we do, and as we move forward, I am excited that we will continue to work harder and achieve higher peaks. It is indeed a privilege to be the Head of the Department of Department of Information Technology and I Thank you all the stakeholders for being a part of my journey.

This magazine in its current form would not have seen the light of the day without the tireless efforts of the Department Co-ordinator and the Magazine Editorial team. I acknowledge all your tireless efforts. I also acknowledge everyone who have contributed by writing articles, contributing photographs, etc.

Finally, I request the Management of TSEC, Staff and Students to continue to support us in all our future endeavours so that The Department of Information Technology achieves the goals planned.

Dr. Mukesh Israni
Head of Department

TEAM'S WORD



Dear Readers,

We are excited to present the 2023-2024 edition of 'INNOV8IT,' our department's innovative magazine celebrating the richness of our community. Compiling this edition has been a truly rewarding experience, allowing us to showcase the remarkable talent and unique perspectives of our student body.

Within these pages, you'll discover a diverse collection of thought-provoking articles, inspiring creative works, insightful commentary on current affairs, and much more. Our aim is to provide a platform for amplifying the voices of our campus, fostering a deeper connection and understanding among all members of our department.

We extend our heartfelt gratitude to all our contributors for courageously sharing their stories and insights. A special thank you also goes to our faculty advisors for their invaluable support in maintaining the highest journalistic standards. We hope this magazine offers you, the reader, an engaging glimpse into the dynamic community we are privileged to be a part of.

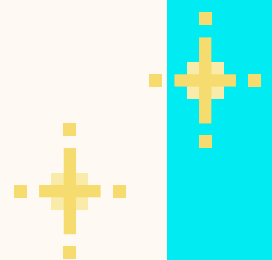
As always, we welcome your feedback as we continue to strive towards delivering exceptional content that both informs and inspires. We hope you enjoy this edition of INNOV8IT as much as we enjoyed putting it together. Happy reading!

Warm regards,
The Magazine Team



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ABOUT US

ABOUT DEPARTMENT

	1998	1999	2002
Intake (UG)	30	60	120

	2012	2015
Intake (Ph.D.)	10	20

NBA Accreditation	2008-11	2016-19	2019-22	2022-25
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Department of Information Technology was established in the year 1998 with a clear view of a forerunner in the field of Information Technology, the Department seeks to evolve towards excellence and adapt itself to the rapid advancements in specialized fields. A highly qualified, dynamic, and technologically sound faculty endowed with this Department. The department is always keen in organizing seminars, hackathons, workshops, and symposia in emerging technological areas.



OUR VISION

The department should be known globally for its core competence in terms of intuitive and intelligent architectural solutions on “Conversion of problem to logic”.

OUR MISSION

Focusing and Practicing

- Theoretical rigour to develop conceptual clarity.
- Modelling and design of experiments to inculcate culture of investigation.
- Making project based learning-learning as a pervasive pedagogy.
- Transcending learning in the emerging areas of Artificial Intelligence, Deep Learning, Block-chain technology and Quantum Computing.
- Short term training program in evolving fields of Information Technology.
- Collaborative learning, interdisciplinary studies and exposure to functional areas.
- Sensitising all concerned about automation in IT services, software product and software process innovation.
- Introducing risk management, risk mitigation and the process of hedging.
- Inculcating and enhancing the culture of entrepreneurship, start-up ventures and incubation process.
- Metamorphosis from teaching paradigm to learning paradigm.
- Every day discourse shall inculcate research culture and create IPR in terms of process and product patents, by understanding various markets and cultures.

Program Outcomes (POs)

1. An ability to apply knowledge of mathematics, science and engineering fundamentals in the field of computing.
2. Critically identify, formulate and evaluate emerging topics and the recent development in the field and Provide solutions to futuristic engineering problems.
3. The broad education necessary to understand the impact of engineering solutions in a global, economic, environmental and societal context.
4. Ability in requirement gathering, design and implementation of software with computer systems to analyze and interpret the data.
5. An ability to use the techniques, logical and analytical skills and modern engineering tools necessary for engineering practice.
6. An ability to design a system component or process to meet desired needs within realistic constraints such as economic, environmental, social, cultural and safety issues.
7. An ability to understand the impact of engineering knowledge towards society and the environment with need for sustainable solutions.
8. To inculcate professional ethics.
9. An ability to function effectively, individually and in teams to accomplish a common goal.
10. An ability to communicate solutions of complex computing problems effectively using reports and presentations to a wide range of audiences.
11. To instill leadership and managerial skills in a multidisciplinary environment.
12. Recognition of the need for and an ability to engage in life-long learning.

Program Specific Outcomes (PSOs)

1. Apply Core Information Technology knowledge to develop stable and secure IT system.
2. Design, IT infrastructures for an enterprise using concepts of best practices in Information Technology and security domain.
3. Ability to work in multidisciplinary projects and make it IT enabled.
4. Ability to adapt latest trends and technologies like Analytics, Blockchain, Cloud, Data science.

Course Structure

Sem 3 R19 (December 2022)

- Engineering Mathematics-III
- Data Structure and Analysis
- Database Management System
- Principle of Communication
- Paradigms and Computer
- Programming Fundamentals

Sem 4 R19 (May 2023)

- Engineering Mathematics-IV
- Computer Network and Network Design
- Operating System
- Automata Theory
- Computer Organization and Architecture

Sem 5 R19 (December 2022)

- Internet Programming
 - Computer Network Security
 - Entrepreneurship and E-business
 - Software Engineering
- Electives:
- Advanced Data structure and Analysis

Sem 6 R19 (May 2023)

- Data Mining & Business Intelligence
 - Web X.0
 - Wireless Technology
 - AI and DS 1
- Electives:
- Image Processing

Sem 7 R19 (December 2022)

- AI and DS 2
 - Internet of Everything
- Electives:
- Infrastructure Security
 - Information Retrieval Systems
 - Product Lifecycle Management
 - Management Information System
 - Operation Research
 - Cyber Security and Laws

Sem 8 R19 (May 2023)

- Blockchain and DLT
- Electives:
- Simulation and Modeling
 - User Interface Design
 - Project Management
 - Finance Management

NBA Accreditation

I am thrilled to announce that under my supervision, our college's Information Technology Department has been accredited by the National Board of Accreditation (NBA) for a period of 3 years! This prestigious validation is a testament to the quality education we provide in the IT sphere. I wish to acknowledge the continuous guidance and mentorship of our beloved Principal, Dr. G. T. Thampi, and the co-operation of the following faculty members.

Criteria	Title	Faculty
1	Vision, Mission and Program Educational Objectives	Dr. Arun Kulkarni Dr. Shanthi Therese
2	Program Curriculum	Dr. Arun Kulkarni Dr. Shanthi Therese
3	Course and Program Outcome	Dr. Shachi Natu Prof. Sanober Shaikh
4	Students' Performance	Dr. Kumkum Saxena Prof. Sunita Rathod Prof. Sheetal Gondal
5	Faculty Information and Contributions	Dr. Nagaveni Hebbar Prof. Sanjay Pandey
6	Facilities and Technical Support	Prof. Reshma Malik Prof. Sheetal Gondal
7	Continuous Improvement	Prof. Sampada Pinge Prof. Archana Kale
8	First Year Academics	Dr. Mukesh Israni
9	Student Support Systems	Prof. Chetan Agarwal Prof. Sanjay Pandey
10	Governance, Institutional Support and Financial Resources	Prof. Geeta Karande

I would like to express my heartfelt thanks to department NBA Co-ordinator Dr. Shanthi Therese, Dr. Kumkum Saxena and IQAC Co-ordinator Dr. Gopal Pardesi.

- Dr. Mukesh Israni
Head of Department

Shining Success

It is a moment of immense pride for the department to witness the outstanding performance of our students in the examinations. Their success is a reflection of their unwavering dedication, perseverance, and hard work. The countless hours they've devoted to their studies have truly paid off. The department celebrates their achievements and remains confident that they will continue to excel and make remarkable contributions in the future.

Odd Semester

Category	SE Sem III (Nov 2023)	TE Sem V (Nov 2023)	BE Sem VII (Nov 2023)
Distinction	80	123	99
First Class	13	1	24
Second Class	0	0	5
Pass Class	0	0	00
Fail	20	6	08
Total	113	130	136

Even Semester

Category	SE Sem IV (May 2024)	TE Sem VI (May 2024)	BE Sem VIII (May 2024)
Distinction	58	72	116
First Class	36	37	12
Second Class	9	13	2
Pass Class	3	00	2
Fail	7	12	6
Total	114	132	138

Semester VII: December 2023



Mihir Lad
9.68



Prabal Sharma
9.59



Varun Iyer
9.59



Vidita Shetty
9.5

Semester V: December 2023



Niranjn Joshi
696/800



Meetali Kapse
691/800



Shagun Gupta
690/800

Semester III: December 2023



Vedant Hariyan
714/775



Aishani Chauhan
684/775



Aryan Maurya
659/775

Semester I: December 2023



Aryan Salunke
9.83

Semester VIII: December 2023



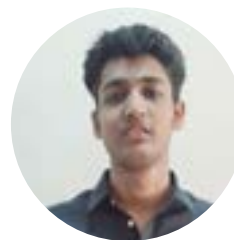
Mokshit Surana
10



Siddhi Save
10



Mihir Lad
10



Aadi Vora
9.85



Karan Chopra
9.80

Semester VI: December 2023



Arush Karekar
685/800



Darshil Marathe
681/800



Meetali Kapse
677/800

Semester IV: December 2023



Vedant Hariyan
686/775



Khalid Qureshi
660/775



Sakshi Said
650/775

Semester II: December 2023



Tanishk Dhope
9.80

B.E. Batch of 2024

B1



B2





FACULTY



◀ Dr. G. T. Thampi

Designation: Principal

Qualification: Ph.D. (Technology), Mumbai University
recognized Ph.D. guide in Information Technology and
Mechanical Engineering.

Experience: 38 Years

Area of specialization: Generative AI, Business Process
Reengineering, Big Data Analytics, Cloud Computing,
Internet of Things, Integration in Enterprises.

Dr. Mukesh Israni ▶

Designation: Vice Principal, Associate Professor and
HOD(IT)

Qualification: PhD (Technology) in IT

Experience: 28 Years

Area of specialization: Wireless Sensor Networks,
Entrepreneurship and E Business.



◀ Dr. Arun Kulkarni

Designation: Professor

Qualification: Ph.D (Computer Science and Engineering)

Experience: 33 Years

Area of specialization: Digital Signal & Image Processing,
Soft Computing.

Prof. Archana Kale ▶

Designation: Associate Professor

Qualification: Ph.D (Pursuing)

Experience: 31 Years

Area of specialization: Generic System Analysis and
Design, Parallelization, Intelligent Systems.



◀ Prof. Anjali Malviya

Designation: Associate Professor

Qualification: Ph.D (Pursuing)

Experience: 30 Years

Area of specialization: Image Fusion, Data Analytics



◀ Prof. Sampada Pinge

Designation: Associate Professor

Qualification: M.E (Electronics)

Experience: 30 Years

Area of specialization: Internet of Things, Infrastructure Security, Neural Network.

Dr. Shanthi Therese S. ▶

Designation: Associate Professor, Dept. Co-ordinator.

Qualification: Ph.D (Technology) in Computer Engineering

Experience: 28 Years

Area of specialization: Automatic Speech Recognition, Data Mining and Business Intelligence Applications, Machine Learning



◀ Dr. Gopal Pardesi

Designation: Associate Professor, IQAC Co-ordinator

Qualification: PhD (Technology) in IT

Experience: 33 Years

Area of specialization: Artificial Intelligence, Machine Learning

Dr. Kumkum Saxena ▶

Designation: Associate Professor

Qualification: PhD (Technology) in IT

Experience: 24 Years

Area of specialization: Machine Learning, Image Processing, Advance Data Structures and Algorithms. Operating System, Computer Networks, Java, Information Systems, Automata Theory



◀ Prof. Geeta Karande

Designation: Assistant Professor

Qualification: M.E (Electronics and Telecommunication)

Experience: 25 Years

Area of specialization: Robotics, Communication Engg



◀ Dr. Nagaveni Hebbar

Designation: Assistant Professor

Qualification: PhD (Technology) in EXTC

Experience: 22 Years

Area of specialization: Image Processing, Information Security, Wireless Technology and Digital Forensics

Prof. Chetan Agarwal ▶

Designation: Assistant Professor

Qualification: Ph.D. (Pursuing)

Experience: 21 Years

Area of specialization: Blockchain Technology



◀ Prof. Reshma Malik

Designation: Assistant Professor

Qualification: Ph.D.(Pursuing)

Experience: 20 Years

Area of specialization: Neural Networks and Fuzzy Systems, Management of Information System

Prof. Sanjay Pandey ▶

Designation: Assistant Professor

Qualification: Ph.D. (Pursuing)

Experience: 20 years

Area of specialization: Software Engineering, Software Project Management, Computer Networks



◀ Prof. Sunita Rathod

Designation: Assistant Professor

Qualification: M.E. (Computer Engineering)

Experience: 21 Years

Area of specialization: Programming, Web programming , Bio-metrics



◀ Dr. Nikhilesh Joshi

Designation: Assistant Professor

Qualification: Ph.D. (Technology) in Computer Engineering

Experience: 23 Years

Area of specialization: Neural Network, Image Processing

Dr. Shachi Natu ▶

Designation: Assistant Professor and Dean Academics .

Qualification: Ph.D. (Computer Engineering)

Experience: 19 Years

Area of specialization: Image Processing, Machine Learning, Deep Learning, Natural Language Processing



◀ Prof. Anuradha Mistry

Designation: Assistant Professor

Qualification: M.Tech. (IITB)

Experience: 22 years

Area of specialization: Biomedical Instrumentation, Modelling and Simulation, Rehabilitation Engineering, Biomechanics

Prof. Sheetal Gondal ▶

Designation: Assistant Professor

Qualification: M.E (Computer Engineering)

Experience: 10 Years

Area of specialization: Database, Big Data Analytics , Software engineering , C Programming , Project Management



◀ Prof. Vipra Dave

Designation: Assistant Professor

Qualification: M.Tech. (Computer)

Experience: 4 years

Area of specialization: Semantics, Architecture, Database Systems, Human Interaction, Data Analysis, Analytics and Visualization and Agile Project Management

PLACEMENTS AND INTERNSHIPS



Our Top Recruiters



Deutsche Bank



CREDIT SUISSE



JPMORGAN
CHASE & CO



TIAA



visible alpha



kotak
Kotak Mahindra Bank



IIFL



BARCLAYS



BillDesk



quantiphi
Solving What Matters.



Internships offer valuable educational and career development experiences, providing hands-on exposure in a specific field. Our recent internship drive was a great success, with students securing positions at renowned companies, earning stipends ranging from Rs. 1,000 to Rs. 75,000 per month. The department takes pride in their achievements. With newfound confidence and practical experience, these students are now better prepared for the challenges of the tech industry and are poised to take on leadership roles. We are confident they will continue to make a significant impact and lead in their fields.

Paid Internships 2023- 24

SR.	Name	Company Name	Stipend
1	Ghade Gaurav Parshuram	Deutsche Bank, Pune	75000
2	Honrao Atharva Sanjay	Deutsche Bank, Pune	75000
3	Nagdawala Ayesha Moin Ahmed	Deutsche Bank Private Limited	75000
4	Shagun Rameshchandra Gupta	Deutsche Bank Private limited	75000
5	Hindalekar Vaishnavi Sushant	JPMorganChase	75,000
6	Veer Rajesh Pariawala	Ellement Co.	75000
7	Archit Virendra Rathod	Thadomal Shahani Engineering College	75000
8	Abhigyan Bafna	General Mills India	35000
9	Mohd Anas Ghani Khan	General Mills India	35000
10	Mandlik Siddhant Ganesh	Elite Forums	30000
11	Bafna Aarna Ashwin	Fynd (Shopsense Retail Technologies Limited)	30,000
12	Marathe Darshil Sanjay	Colgate Global Business Services Pvt Ltd.	25000
13	Kamath Shreya Sandeep	Colgate Global Business Services Pvt. Ltd.	25000
14	Arohi Jambenal	Quantiphi	23000
15	D'cruz Sheen Steven	INFEEDO	21,100
16	Jadhav Atharva Narendra	RWC	20000
17	Rudrani Chavarkar	The Clearing Corporation of India Ltd.	20,000

Paid Internships 2023 - 24

SR.	Name	Company Name	Stipend
18	Gupta Shashank Anil	Fuzzy Nodes	15000
19	Gupta Shashank Anil	FinURL Pvt.Ltd.	15000
20	Suthar Sumil Mohanlal	Fuzzy Nodes	15000
21	Tanpure Sarthak Rajesh	Reliance Industries Ltd.	15000
22	Tiwari Swati Santosh	Auctionwale,2nd floor ,74technopark,91SpringBoard ,MIDC , Opp- Seepz Gate No 2,Andheri East 400093	15000
23	Naik Ninad Deepak	Arxena Inc., Nesco, Goregaon	12500
24	Joshi Niranjana Rajesh	IDOS Consultants LLP	10000
25	Sayed Siddique Hanif	JAY Innovations	10000
26	Kapse Meetali Santosh	Augenblick Consulting, Mumbai, Maharashtra	10000
27	Shahi Amisha Suraj	Resale With Crypto(Remote)	10,000
28	Nathani Yash Rajesh	Teach For India	10000
29	Shah Archie Sachin	AugenBlick Consulting LLP	10,000
30	Veer Rajesh Pariawala	SimPPL	10000
31	Rahul Ketan Shah	Smowcode	10000
32	Kadam Devanshu Kishor	ToTheCulture Media Private Limited, Andheri West, Mumbai.	10000

Paid Internships 2023 - 24

SR NO.	Name	Company Name	Stipend
33	Pratiksha Limbulkar	Remiges Technologies Pvt. Ltd.	9000
34	Divekar Manas Ashish	Rezolut Infotech	7500
35	Shah Archie Sachin	Grey Hawks Media Ptv Ltd	6000
36	Chavan Deep Rajendra	MarkEx Media	6000
37	Sawant Bhuvan Pravin	KVAR Technologies Private Limited, 68, Kakad Industrial Estate, Lady Jamshedji Rd, Mahim, Mumbai, Maharashtra 400016	5000
38	Karekar Arush Hemant	Haven Infoline Pvt Ltd, Sumer Kendra, Worli	5000
39	Chavan Deep Rajendra	Markex Media	5000
40	Yadav Atharva Ashok	PanGo	4000
41	Shah Archie Sachin	AugenBlick Consulting LLP	3000
42	Mahapatra Rajeshwari Dillip Kumar	Webportal.in	3000
43	Dave Yash Jayantilal	The Unity Wave	3000
44	De Souza Jayden Kyle	Stakesmen ,Hyderabad, Telangana	2640
45	Pandey Naveen Rajendra	Conscript HR Advisors Pvt Ltd, Malad East, Mumbai 400097	1000

Placement Data

Sr.No.	Name	Company	Package(in Lakhs)
1.	Aadi Vora	JP Morgan Chase & Co	19.75
2.	Gargi Sathe	JP Morgan Chase & Co	19.75
3.	Gayatri Joshi	JP Morgan Chase & Co	19.75
4.	Harsh Nagpal	JP Morgan Chase & Co	19.75
5.	Priyal Jain	JP Morgan Chase & Co	19.75
6.	Rukshar Khan	JP Morgan Chase & Co	19.75
7.	Adhiraj Soparkar	Deutsche Bank	19.63
8.	Mahek Karia	Deutsche Bank	19.63
9.	Mounika Jindam	Deutsche Bank	19.63
10.	Shreyans Jain	Deutsche Bank	19.63
11.	Siddhi Save	Deutsche Bank	19.63
12.	Gaurav Bhatia	Oracle Financial Services Software Ltd.(OFSS)	19.18
13.	Mohammed Umar	Oracle Financial Services Software Ltd.(OFSS)	19.18
14.	Siddesh Shetty	Oracle Financial Services Software Ltd.(OFSS)	19.18
15.	Tanish Suvarna	Oracle Financial Services Software Ltd.(OFSS)	19.18
16.	Veer Pariawala	Oracle Financial Services Software Ltd.(OFSS)	19.18
17.	Ved Jaiswal	Gracenote	16
18.	Prateek Vishwakarma	Apport Software Solutions Private Limited (Quicksell)	15
19.	Aahana Ganjewar	Barclays	13.32
20.	Ronak Lala	Barclays	13.32
21.	Sumanta Jena	Barclays	13.32
22.	Vaibhav Gawad	Barclays	13.32
23.	Varun Iyer	General Mills	12
24.	Ved Thakur	Nvent	10.56
25.	Vidita Shetty	Nvent	10.56
26.	Sahil Israni	Falkonry	10.01
27.	Siddharth Nachane	Falkonry	10.01

Sr.No.	Name	Company	Package(in Lakhs)
28.	Shivam Jha	ICICI Lombard	8.5
29.	Swapnil Vishwakarma	ICICI Lombard	8.5
30.	Aaditya Chinchkhedkar	Deloitte India	7.6
31.	Jason D'souza	Deloitte USI	7.6
32.	Manav Doshi	Morningstar	7.5
33.	Rohit Nehara	Morningstar	7.5
34.	Mihir Lad	Morningstar	7.5
35.	Chanakya Shinde	Deloitte India	7.01
36.	Bhavik Murpana	TCS	7
37.	Dhruv Jain	TCS	7
38.	Ishaan Shinde	TCS	7
39.	Jenil Shah	TCS	7
40.	Mahek Upadhyay	TCS	7
41.	Mohit Nautiyal	TCS	7
42.	Siddh Shah	TCS	7
43.	Pranav Gherde	NCS	6.82
44.	Prasad Ranjane	NCS	6.82
45.	Rahul Shah	NCS	6.82
46.	Shantanu Jagtap	NCS	6.82
47.	Tanisha Gupta	NCS	6.82
48.	Nikita Saha	Zycus	6.5
49.	Pushpak Shejul	L&T Finance	6
50.	Ronit Malhotra	L&T Finance	6
51.	Nikunj Mistry	Ganit Inc.	6
52.	Abhishek Shirke	IndusInd	5
53.	Mohammed Mujir Qureshi	Wohlig Transformations	5
54.	Yash Nandwani	Wohlig Transformations	5
55.	Nikhil Manchhani	Media.net	4.62
56.	Bhoomi Singhi	Accenture	4.5
57.	Jasmine Shaikh	Servosys Solutions Pvt.Ltd	4.5
58.	Mayank Patil	LogIQids	4.2
59.	Krishna Khadke	GoDigital	4.15

Sr.No.	Name	Company	Package(in Lakhs)
60.	Sara Ghosalkar	Capgemini	4
61.	Gaurish Bhosale	TCS	3.36
62.	Pratham Upadhyay	TCS	3.36
63.	Rajkumar Yadav	TCS	3.36
64.	Sandeep Sinha	TCS	3.36
65.	Shubham Khose	TCS	3.36
66.	Nayan Agrawal	TCS	3.36



HIGHER STUDIES

Start

Let's Go!





The University of
Texas at Arlington

BAHRANI HITEN



Illinois Institute of
Technology

BHUTADA RAM



University of
Southern California

**CHANCHLANI VANS
PATIL BHAGYASHREE**



Rutgers University

**CHINCHKHEDKAR
AADITYA**



University of Arizona

**DAHIKAR SNEHA
FERNANDES AARON
MADHANI SMIT
NATHANI JUHI**



University of California

DAVARIA SNEH



North Carolina State
University

JOSHI KARAN
SHAH DHAIRYA



Virginia Tech

KHOKHANI ISHIKA



Stony Brook University

MEHTA MANAN
PATEL PARAG
KARTIK VADHAWANA
SHAH JAS



Northeastern
University

MOTWANI BHAVIN



University of Texas

PARKER MRUNMAYI



University of Southern
California

PATIL NAHUSH



New York University

RAJPATHAK ADITYA



University of Colorado
Boulder

SANKHE NIDHI



University of
Massachusetts

SHAH YASH
SANTANI NOYNICAA



Syracuse University

SAVANI RUSHI



Technical University of
Darmstadt

SURVE ADITYA



Illinois University

SATHE GARGI
SURANA MOKSHIT
JOSHI SOHAM
RATHOD ARCHIT
PATIL ADITI



PUBLICATIONS & PATENTS

Investigating Efficacy of Emerging ICTs for the Indian Construction Sector

Authors: Sanjay Pandey, Dr. G.T. Thampi

Journal/Conference: International Conference on Advances in Emerging Trends in Computer Applications

Scopus Indexed

ICAETC



A Novel ICT Driven ESG Enabled Model for Productive, Efficient and Sustainable Development of Construction Industry

Authors: Sanjay Pandey, Dr. G.T. Thampi

Journal/Conference: IEEE Conference, International Conference on Issues and Challenges in Intelligent Computing Techniques (ICICT)

Scopus Indexed

Proposed framework to bring software solutions and digital devices in place to check construction activities for ESG compliance

Authors: Sanjay Pandey, Dr. G.T. Thampi

Journal/Conference: Intellectual Property of India literary work on improving ESG practices in construction by harnessing emerging IT.

Scopus Indexed



Drowse Plate: An ML based integrated framework for Number Plate Recognition and Drowsiness Detection in Indian traffic system

Authors: Sanjay Pandey, Vansh Chanchlani, Vatsal Mehta, Sanket Nakharekar, Nayan Agrawal

Journal/Conference: International Journal of Engineering Research and Application (IJERA), Volume 14



Harnessing ICT in Concrete Curing

Authors: Sanjay Pandey, Prathiksha Pai, Chirag Rajpal

Journal/Conference: International Journal of Engineering Research and Application (IJERA), Volume 13



Art Generation Using Speech Emotion

Authors: Rishabh Patil, Bhagvatiraj Yadav, Omakar Narvekar and Sanobar Shaikh

Journal/Conference: Intelligent Computing and communication, Proceedings of ICICC 2022, Vol. 1447

Scopus Indexed

Gesture based Alphabet Detection using Open-CV and Tesseract-OCR

Authors: Karan Chopra and Dr.Shanthi Therese S

Journal/Conference: International Conference on Information and Communication Technology for Competitive Strategies

Scopus Indexed



From Classical to Quantum: Evolution of Information Retrieval Systems

Authors: Jason Dsouza ,Manan, Mahek ,Mihir ,Vedant and Dr.Shanthi Therese

Journal/Conference: International Conference on Trends in Sustainable Computing and Machine Intelligence

Scopus Indexed

Emotion Detection System Using MobileNet

Authors: Ishika Khokhani , Sneha Dahikar and Dr.Shanthi Therese S

Journal/Conference: International Conference on Emerging Technologies in Engineering and Science

Scopus Indexed



Neural Transfer of Style Learning and its Applications

Authors: Harsh Mody, Harsh Parikh , Neeraj Patil and Dr.Shanthi Therese S.

Journal/Conference: International Conference on ICT for Sustainable Development 2023

Scopus Indexed

KidVaccination: A comprehensive guide to Kids Vaccination

Authors: Vansh chanchlani, Tanisha Gupta and Dr.Shanthi Therese

Journal/Conference: International Conference on Advances in Technology and Management



**EXPLORATION OF SIMULATED AUTONOMOUS VEHICULAR NAVIGATION VIA
REINFORCEMENT LEARNING**

Authors: Aditi Patil, Parag Patel, Dr. Gopal Pardesi

Journal/Conference: International Journal of Creative Research Thoughts
IJCRT



**Text-Driven Image Synthesis: Optimizing Prompts with ChatGPT in DF-GAN
Framework**

Authors: Karan Chopra, Vatsal Mehta, Jayu Jain, Gayatri Joshi and Dr. Shanthi
Therese

Journal/Conference: International Conference on ICT for Sustainable
Development 2023
Scopus Indexed

Comparison of Machine Learning Algorithms for Obesity Prediction

Authors: Aaron Fernades, Sneha Dahikar, Karan Chopra, Kumkum Saxena

Journal/Conference: 2023 3rd Asian Conference on Innovation in Technology
Scopus Indexed



**Using Ensemble of Multiple Fine-Tuned EfficientNet Models for Skin Cancer
Classification**

Authors: Karan Joshi, Sneh Davaria, Kumkum Saxena

Journal/Conference: 2023 3rd Asian Conference on Innovation in Technology
Scopus Indexed



The Quest for Fairness: A Comparative Study of Accuracy in AI Hiring Systems

Authors: Jason D'Souza, Vedant Kadam, Pranali Shinde, Dr. Kumkum Saxena

Journal/Conference: 2023 3rd Asian Conference on Innovation in Technology
Scopus Indexed

Unveiling Chess Algorithms using Reinforcement Learning and Traditional Chess Approaches in AI

Authors: Ishika Khokhani, Juhi Nathani, Prem Dhwane, Smit Madhani, Kumkum Saxena

Journal/Conference: 2023 3rd Asian Conference on Innovation in Technology
Scopus Indexed



Cross language Assessment of Mathematical Capability of ChatGPT

Authors: Aneesh Shamraj, Gargi Sathe, Aditya Surve, Nahush Patil, Kumkum Saxena

Journal/Conference: ISDA 23 organized by MIR Labs
Scopus Indexed

ORGANISER

Authors: Ruchit Thaker, Kumkum Saxena, Vinisha Adappa, Rishabh Raghuvanshi

Journal/Conference: 2023 International Conference on Advanced Computing Technologies and Applications

ICACTA



Blockchain-based Decentralized Application for Secure and Efficient Real Estate Transaction

Authors: Unnati Sorathi, Balaji Wadawadagi, Bhavyesh Shah, Kumkum Saxena

Journal/Conference: International Conference on Communication and Computational Technologies
Scopus Indexed

Synthetic Realms: An In-Depth Examination of Privacy Concerns in Generative AI Driven Data

Authors: Jason D'Souza, Dr. Kumkum Saxena

Journal/Conference: 2023 IJCA 1st International Conference on Large Language Models and Use cases

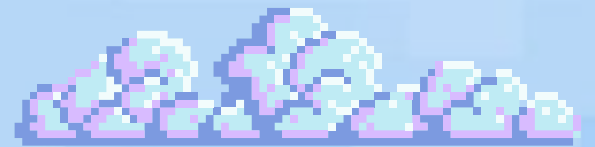


ICSISCET

Leveraging CNNs and Ensemble Learning for Automated Disaster Image Classification

Authors: Archit Rathod, Veer Pariawala, Mokshit Surana, Kumkum Saxena

Journal/Conference: International Conference on Sustainable and Innovative Solutions for Current Challenges in Engineering & Technology
Scopus Indexed



EVENTS: YEAR IN REVIEW



CODEISSANCE 2023

TSEC CodeStorm hosted Codeissance'23, a thrilling 24-hour hybrid hackathon on 4th–5th October 2023, bringing together 316 coders in 79 teams from across the country. With a hybrid mode of conduct and team sizes of 2 to 4, the event fostered innovation across domains like Web/App Development, Social Cause, and AI/ML. Judged by experts Amit Nerukar (VIT), Dr. Sujata Deshmukh (Fr. CRCE), and Dr. Uday Joshi (KJSCE), participants showcased creative solutions to real-world problems. Codeissance'23 proved to be a vibrant celebration of tech talent, leaving a lasting mark on the coding community. The event was packed with energy, collaboration, and learning, providing a dynamic environment for young innovators. Both beginners and experienced coders found a platform to test their skills and push boundaries. The hybrid format ensured accessibility and wide participation, making it one of the most inclusive hackathons of the year.

1. **Winner** - Loading (Bhartiya Vidya Bhavan's Sardar Patel Institute of Technology)
(Satyam Jaiswal, Navneet Nair, Siddhant Rao, Vikas Rajpurohit)

2. **First Runner-up** Merge Issues (Department of Information Technology, TSEC)
(Mokshit Surana, Archit Rathod, Swapnil Vishwakarma, Veer Pariawala)

3. **Second Runner-up** All stacker (DJ Sanghvi)
(Jhenil Parihar, Harsh Ghosalkar, Rupesh Raut, Deep Parekh)



TECHNOVATION 2023



The TSEC CodeStorm, renowned for its dedication to innovation and technological excellence, proudly hosted the BE Project Expo, Technovation'23, on February 21, 2024. This offline event marked a vibrant convergence of academic achievement and real-world application, with 47 enthusiastic teams—each comprising four members—from every department showcasing their final-year projects. Technovation'23 served as a platform for students to demonstrate their ingenuity, creativity, and collaborative spirit through innovative solutions and practical implementations. With no participation fees, the event encouraged maximum involvement and was evaluated by an esteemed panel of judges: Dr. Shanti Therese (Convener), Dr. Tasneem Mirza (Controller of Exam), and Dr. Madhuri Rao (HOD of AI & DS), making it a memorable celebration of undergraduate talent and technological brilliance.

The Winners were as follows:

Winner - Data Hive (IT)

(Veer Pariawala, Prateek Vishwakarma, Swapnil Vishwakarma, Vaibhav Gawad)

First Runner-up - G20 (Computer)

(Hriday Keswani, Jyotika Kakar, Viren Keswani, Aryan Jangam)

Second Runner-up - Ascend.ai(IT)

(Mokshit Surana, Archit Rathod, Gargi Sathe, Siddh Shah)

Special Prize - Attire AI (IT)

(Siddharth, Omkar Bhostekar, Prasad Ranjane, Siddesh Shetty)

PROJECT EXPO 2023

SEM 3 EXPO JAVA

1

**Super Market
Management
System**

Atharva Yadav
Om Pawaskar
Darshan Soni
Yuvraj Upadhyay

Prof. Reshma Malik

2

**Healthy
Hearts**

Shawn D'costa
Soham Amare
Shivam Killarikar
Aarna Bafna

Prof. Archana Kale



SEM 5 EXPO BUSINESS MODEL

1

Empowershop

Animesh Parab
Piyush Hingorani
Vyomesh Kukreja
Krish Chaurasiya

Prof. Anjali Malviya

2

Certisure

Ajay Maurya
Anas Khan
Sumil Suthar
Sarthak Tanpure

Prof. Anjali Malviya





STTP: SHORT TERM TRAINING PROGRAMME



Generative AI Training Programs at TSEC

June 2024 ISTE Approved Short Term Training Programs

Program 1: GANs and Auto Encoders for Computer Vision

Duration: June 3-8, 2024

Organized by: IT Department, Thadomal Shahani Engineering College

Convener: Dr. G. T. Thampi

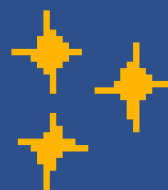
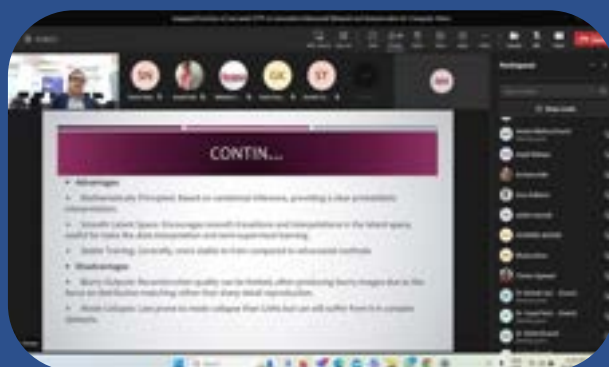
Co-Convener: Dr. Mukesh Israni

Coordinators: Dr. Shachi Natu, Dr. Nagaveni Hebbar

This program covered advanced topics in Generative AI including ML/DL algorithms, LLM architecture, Neural Networks, and Autoencoders specifically for Computer Vision applications. The curriculum featured comprehensive lectures on RNN, LSTM, GANs, transformers, prompt engineering, and ethical considerations in AI development and deployment.

Key resource persons included faculty experts and industry professionals who delivered theoretical concepts and hands-on sessions across the six-day program.

Program 1 attracted significant participation from academic institutions across India: 58 participants (51 faculty members, 7 students)



Generative AI Training Programs at TSEC

June 2024 ISTE Approved Short Term Training Programs

Program 2: GANs and Adversarial Auto Encoders for Effective IP

Duration: June 24-29, 2024

Organized by: Thakur College of Engineering and Technology (Lead) in association with TSEC

Convener: Dr. G.T.Thampi, Principal TSEC Dr. B.K. Mishra-Principal TCET

Programme Monitoring Committee: Dr.Mukesh Israni, HoD IT, TSEC Dr.Rajesh Bansode, HoD, TCET

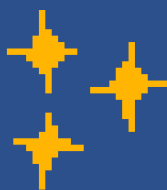
Co-ordinators: Mr. Namdeo Badhe and Mrs. Purvi Sankhe

Co-coordinators : Ms. Reshma Malik and Ms. Trupti shah

The second program expanded on similar themes with specific focus on intellectual property applications of Generative Adversarial Networks. A highlight was the industrial visit to Vervali Systems Pvt. Ltd., providing participants with practical industry exposure.

Participation Overview

Program 2 attracted significant participation from academic institutions across India: 48 participants (primarily faculty from various engineering colleges)



COMMITTEES



COMMITTEES

The IT department of Thadomal Shahani Engineering College isn't just celebrating academic excellence; they're also brimming with pride for their students who actively shape the college experience. These go-getters aren't content with just textbooks – they actively contribute their talents and skills by participating in various committees. These committees benefit from their leadership, collaboration, and dedication, as students take on roles in organizing events, managing budgets, and even planning initiatives with a wider impact, extending beyond the college walls. Their contributions not only leave a positive mark on the college community but also equip them with valuable skills like leadership and teamwork, preparing them for success in their future careers and personal lives. Moreover, many IT students take the initiative even further by leading crucial roles within these committees, further demonstrating their dedication and leadership potential, making them well-rounded individuals ready to tackle any challenge that comes their way.



IETE

AYUSH SINGH - CHAIR PERSON
SHREYA KAMATH - VICE CHAIR PERSON
RUDRANI CHAVARKAR- SECRETARY
MEETALI KAPSE - DESIGN HEAD
ARUSH KAREKAR - SOCIAL MEDIA MANAGER HEAD
ABHIGYAN BAFNA - TECHNICAL HEAD
HUZEFA DOHADWALA - TREASURER



GDSC

JEEVIKA TIWARI
NINAD NAIK



CODESTORM

YASH DAVE
AVADHOOT DHUMAL
GAURAV GHADGE



CSI

PRATIKSHA LIMBULKAR - VICE CHAIRPERSON
SHEEN D'CRUZ - OPERATIONS & LOGISTICS HEAD
BASAVRAJ - DESIGN AND CREATIVES HEAD
TIYA MEHTA - SMM



CODECELL



LAKSH DOSHI
ANAS KHAN
SARTHAK TANPURE
SUMIL SUTHAR

NSS



MAMATA GUPTA
SAKSHI VAIDYA

RCTSEC

VEDANT SHINDE
RUGVED MAIRAL



DEVELOPERS CLUB

NAYAN MISHRA
SARAH KHAN
MOHEET SHENDARKAR
NINAD NAIK
ATHARVA HONRAO
SARTHAK KUWAR



CODETANTRA



ARCHIE SHAH

IIC



SAMARTH SHANBAG
ESHIKHA SHETTY

ISTE

YASH HINGAD
ATHARVA JADHAV
VYOMESH KUKREJA
ANKIT DUBEY

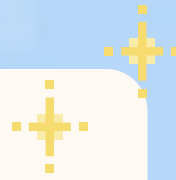


BE AWARDS



JASON DESOUZA

GOLD MEDALIST (2023)



Before I even begin with what I have to say, I'm going to fulfill a promise I made to myself sitting in these very seats of the auditorium last year during the BE Awards. My friend and I were talking when Saket, last year's gold medalist's parents, had just spoken on the screen. She turned to me and said, "My parents will be so proud if I did something like this for them." And at that very moment, I made a promise to myself — if I get the Gold Medal, I'm going to dedicate it to my mom. So before going ahead, I would like to call her up on stage and let her accept this medal.



Trust me when I say this, I wouldn't be here if it weren't for her. No matter what difficulties I had in my life, she has always been there for me. Even when I came home late from college fest works, sometimes it used to be 2-3 o'clock in the night, she still used to make the food hot and serve it to me. I don't think I'll ever be able to repay her, but I'm trying to be the son she deserves. Even my dad has been a constant pillar of support no matter what he makes sure that I don't ever give up on my dreams or ever feel I can't achieve something that I want. My parents never made me do something I didn't want to, and supported every single decision I made, let it be choosing science after 10th or which college I wanted to go to. It was their belief in me that has brought me here to this stage, and I can't express how grateful I am to them. And I am going to keep making them proud till my last breath. I don't have any role model as such, but if there's anyone I look up to or try to follow her steps it's none other than my sister Jennifer. She was the head girl of her school, and we were invited as guests of honor and I was very proud of her, and here's today you're one of the guests I hope you too are proud of me and yes thank you for always being there for me no matter what.

Exactly a year ago, I gave a speech during the cultural fest as the GS, thinking that was the last time I'd stand before you all. Yet here I am again, more grateful than ever. I want to thank our very own principal, Dr. G. T. Thampi Sir, for being a source of wisdom, guidance, and unwavering support — not just academically but also in shaping our personalities. A heartfelt thank you to Dr. Arti Deshpande ma'am — I met her through the student council, and from Day 1, she never doubted my potential. She allowed me to make mistakes, learn from them, and grow. I'll never forget her saying, "It's good you make mistakes; it helps you grow better and wiser." Thank you so much, ma'am.

These four years have been nothing short of a flight with a crazy takeoff and a lot of turbulence, not the bad one, the one which excites you, makes adrenaline gush forth in your veins, the one that gives you goosebumps. The Information Technology Department truly became my second home. IT dept. actually was my second home quite literally. Our HOD Prof. Mukesh Israni Sir, the teachers, the staff, my friends, all of them together made these journeys of four years amazing filled with warmth, love, academic excellence and 75% attendance indeed.. I say this because it actually was like that the very day I was elected as the GS. I remember I met Kumkum ma'am while going down the stairs, and she told me how proud she was, and the dept was about it. The very next lab, Sanober ma'am came running and gave me a Cadbury and told me what a proud moment it was for the dept. Even before my placements results came out Sanjay Sir said you're gonna get it, and I remember how happy Arun sir was when I came to college for the first time in my Naval uniform and so many more moments like these. These might seem like small moments, but they hold a lot of value for me and are never going to part away from me.

JASON DESOUZA

GOLD MEDALIST (2023)

So, I want to take this moment to thank each and every teacher, staff member, faculty, and office staff of all departments for your help, cooperation, and care throughout these four years. TSEC really stands different from other colleges, and the reason is you all. I have had many such memorable moments throughout these four years. I really would have listed each and every one of them because all of them are so precious to me, but yes time won't allow me to.

To my friends — I watched Chhichhore while preparing for entrance exams and got hyped about college life. But what I got here was not even close — it was a hundred times better. It was because of y'all that I'm here. They say you can climb mountains if you believe in yourself, and let me tell you, if you have friends who stand by you, support you, have your back no matter what, you don't just climb mountains, you can leap them. I can say with confidence I didn't make friends; I have extended my family. Because the stuff they have done is what family does for you, being there for you at the lowest and the highest points, correcting you when you're wrong, and most importantly, never ever leaving you and staying by you. Thank you to each and every one of you.

We all BE students will be soon graduating in a few months with amazing placements, some going abroad for higher studies and some starting their own businesses, but there's just one request I make to y'all... do not graduate as engineers, amazing coders, or excellent designers... don't let these terms define you as a whole... the world already has many engineers, coders... what the world requires is good human beings, kind people, people who care about others, help others, and most importantly, be there for one another... so when you step out in this increasingly modern artificially intelligent world, be a little more human so when people look at you they say the world requires more people like you... I may have received the Gold Medal today, but I tell you, the true Gold lies here at TSEC and what it provides and I'm proud that I could be a part of its legacy.

I have always been practical about things coming to an end because it means the beginning of something new, a new place, new people, and new experiences, but for the first time, I want this to last a little longer, come to college a little longer, sit around with my friends in the SL a little longer, wait for the lift a little longer... jokes apart, I would like to conclude by saying, Enjoy the butterflies, enjoy being naïve, enjoy the nerves, the pressure. If you kinda wanna stand on the top someday then there is nothing else to look forward to, enjoy the process of making a name for yourself, and meeting some great people along the way, whom you can laugh with and learn from, and enjoy those moments, embrace the good ones, & stay focused. Thank you.



THE GOLD MEDALIST

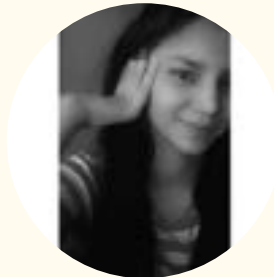


Jason Dsouza

PRINCIPAL'S AWARD OF EXCELLENCE



Siddhi Save



Gayatri Joshi



Mokshit Surana

LEADERS OF CONTINGENT'S



Aaditya Chinchkhedkar



Diptanshu Mishra

STUDENT AMBASSADORS



Sneh Davaria



Harsh Nagpal



Karan Chopra



Archit Rathod



Mahek Karia



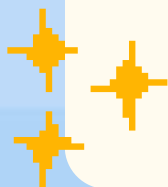
Swapnil Vishwakarma



Aaditya Chinchkhedkar



Noynicaa Santani



HALL OF FAME



Mihir Lad



Veer Pariawala



Prem Dawane



Prateek Vishwakarma



Sara Ghosalkar



Varun Iyer



Omkar Bhostekar



Isha Parab



ACHIEVEMENTS

Smart India Hackathon



Sarthak Tanpure (TE) Shaunak Rananaware (TE)

Sumil Suthar (TE)

Shashank Gupta (TE)

Ajaykumar Maurya (TE)

Ayesha Nagdawala (TE)

Winners at Smart India Hackathon 2023

The team had been preparing for this hackathon with enthusiasm ever since it was announced. Among the plethora of problem statements, the one that captivated us was "Optimizing doctor availability and appointment allocation in hospitals through digital technology and AI integration." We resonated with this problem statement, and our expertise and interest in AI made it an obvious choice. Once finalized after discussions with our mentors, the brainstorming began.

Several meetings and discussions later, the real work kicked off. Designing an algorithm to optimize doctor availability and appointment allocation in hospitals was tricky due to various corner cases and the unpredictability of the medical field. The pressure built up, but so did the excitement, as the final 36-hour hackathon approached. Tickets were booked, suitcases were packed, and we finally embarked on our journey to one of the most awaited hackathons of our engineering days: The Smart India Hackathon.

After a long, tiring yet smooth journey, we reached the nodal center. The day ended with some local food, coding, and much-needed rest. The next morning, the team was ready to code and conquer.

Once the inauguration was over, we were informed about the three mentor rounds scheduled to guide us and ensure we were on the right track. Each mentoring session would be followed by an evaluation round.



At noon, we had our first mentoring session. We explained the leading causes of increased patient wait times and demonstrated how our solution could help mitigate them. The mentors posed some insightful questions and suggested a few improvements. The team immediately worked on incorporating these suggestions before presenting the updated solution to the jury. Every new feedback point was noted in detail, followed by a quick meeting to discuss enhancements.

The same process was repeated in the second mentoring and evaluation rounds. This time, we received a major recommendation—a significant change in our algorithm. Our solution originally used GenAI to allocate time slots based on factors like symptoms and age. However, we were advised to also consider the patient's preferred appointment window.

This required an intense discussion, weighing every possibility and its impact on our existing system and schema. With the deadline looming, we worked tirelessly, fueled by South Indian food and strong filtered coffee.

Then came the final evaluation round—and an unexpected challenge. A technical glitch caused our APIs to clash, bringing the entire system down. But the team refused to back down. We confidently presented our ideas, innovations, and overall solution to the judges, which left them impressed.

Determined to fix the issue, we kept working. Just when we thought it was over, the judges surprised us with a few extra minutes to resolve the glitch. Hope was reignited. It worked! We finally submitted our solution.

As the results were announced, hearts pounded, eyes were filled with hope, and silent prayers were whispered. Our problem statement was announced last. The judges acknowledged how tough and close the competition was. Then came the big news—there were joint winners.

And our team was one of them.

Hackathon Winners



Augenblick Hackathon
First Position: CodeHers
Meetali Kapse (TE/IT)
Nidhi Kadam (TE/Comps)

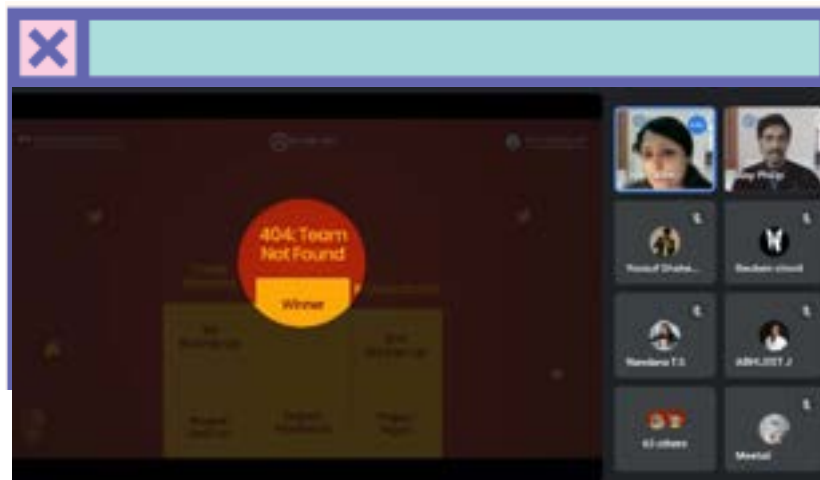
VEGA HACKATHON
First Position: COC
Sarah Khan(TE/IT)
Altaf Alam (TE/IT)
Mamta Gupta (TE/IT)
Harsh Chowdhary(TE/AIDS)



SFIT Hackathon
First Position: Bit Lords
Ajay Maurya (TE/IT)
Shashank Gupta (TE/IT)
Shaunak Rananaware (TE/IT)
Pranav Patil (TE/IT)



Hackathon Winners



Technoverse Hackathon
First Position:- 404: Team Not Found
Ayesha Nagdawala (TE/IT)
Mamta Gupta (TE/IT)
Meetal Kapse (TE/IT)



KJSCE Hackathon
Third Position: Bit Lords
Ajay Maurya (TE/IT)
Shashank Gupta (TE/IT)
Shaunak Rananaware (TE/IT)
Pranav Patil (TE/IT)



The Information Technology department at Thadomal Shahani Engineering College (TSEC), established in 1998, is dedicated to shaping the next generation of IT professionals. With a focus on both foundational programming skills and practical real-world knowledge, the department empowers students to excel within a four-year span.

To ensure that students gain hands-on experience in emerging technologies, TSEC has established a Center of Excellence in Cloud Computing, Blockchain Technology, Data Science, and Analytics. This state-of-the-art facility offers access to advanced labs, where students gain expertise in areas like Deep Learning, AI, and Blockchain. TSEC students are actively involved in competitive hackathons such as Smart India Hackathon, Machine Intelligence 2.0, and Python 2.0. Their dedication and talent have led to multiple awards and certifications, underscoring the department's focus on fostering a culture of innovation and excellence.

Beyond academics, TSEC's IT students have proven themselves in project management, sports, and various other domains, highlighting their versatility and all-rounded capabilities.

In summary, the IT department at Thadomal Shahani Engineering College offers a vibrant learning environment that integrates theoretical knowledge with practical skills, preparing students to thrive in the fast-paced and dynamic world of information technology.

Verge Conflict

by CodeCell



First Position:
Omkar Bhostekar (BE/IT)
Mokshit Surana (BE/IT)
Rashid Aziz

Second Position:
Vaibhav Gawad (BE/IT)
Tanish Suvarna (BE/IT)
Mohammad Umar (BE/IT)



Third Position:
Ninad Naik (TE/IT)
Gaurav Ghade (TE/IT)
Gaurang Ghade



Third Position (Tie):
Abhigyan Bafna (TE/IT)
Ritik Mandal
Krish Manghani

Nxt Lvl

by CodeTantra



Runner Up: BetaSquad
Aditya Apandkar (TE/IT)
Meetali Kapse (TE/IT)
Rugved Mairal (TE/IT)

Howzzat 3.0

by IETE



Runner Up: IT Smashers
Vedant Shinde
Jainam Ranawat
Shipra Suvarna
Meet Shah
Harsh Makharia
Samarth Shanbhag
Rugved Mairal

Smash 2023

by Student
Council

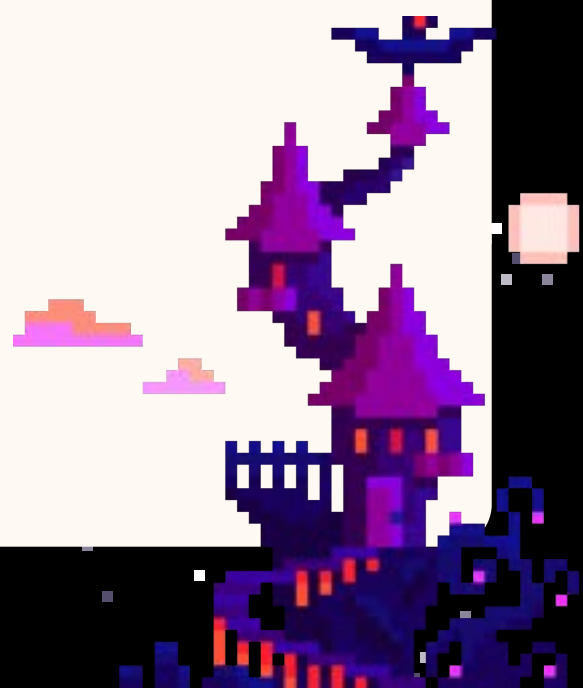


**Women Singles Winner:
Aarna Bafna (SE/IT)**

**Women Singles
Runner Up:
Aryaa Patil(SE/IT)**



ENTREPRENUERSHIP



FinURL: Revolutionizing Personal Finance Distribution in India

Founded: 2022 | Headquarters: Nagpur, Maharashtra
Team Size: 11-50
Website: www.finurl.in | Industry: Financial Services

Powering Financial Access Through Technology

FinURL, operating under Finwurl Enterprises Pvt. Ltd., is a fintech platform revolutionizing the way Indians access personal finance. By digitizing the financial journey and empowering everyday users through trained digital advisors, FinURL blends convenience with personalized service



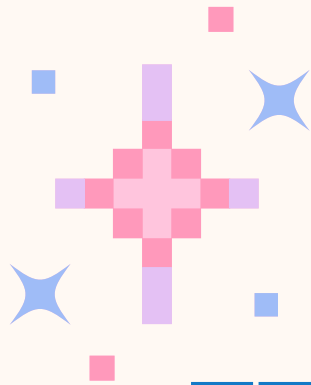
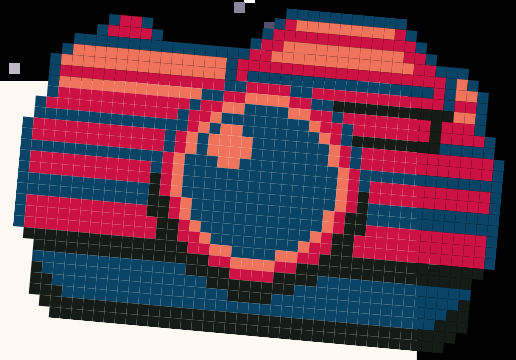
Ayush Singh
Co-Founder

A Suite of Financial Solutions

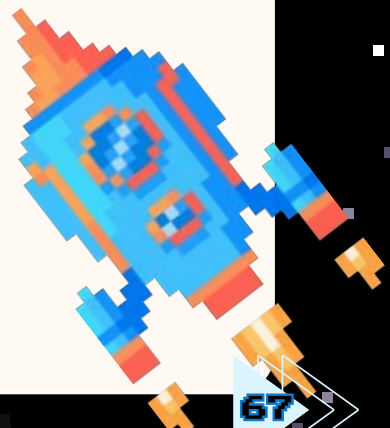
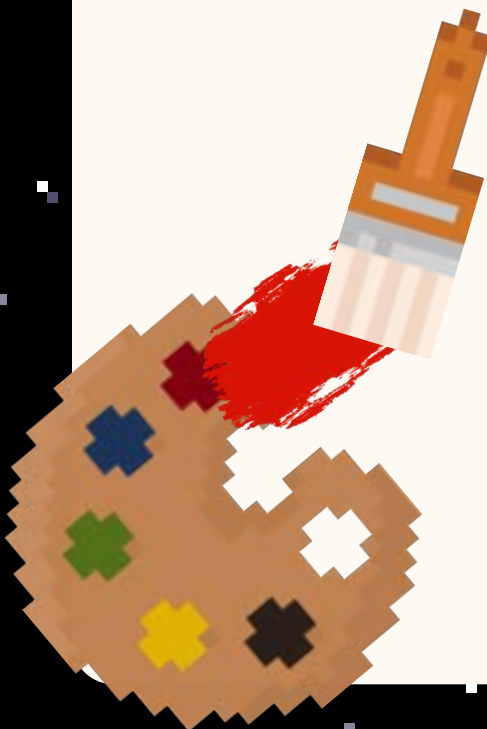
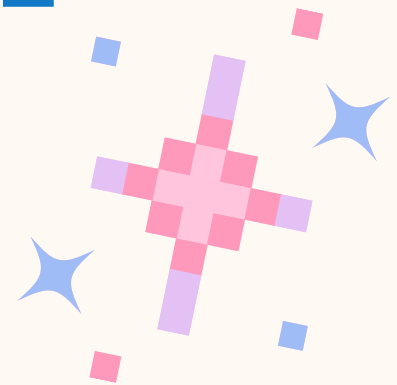
FinURL connects users with a wide range of personal finance products, including:

- Personal Loans – Quick disbursement with flexible EMIs
- Business Loans – Tailored funding for entrepreneurs
- Home Loans – Options from top-tier housing finance providers
- Loan Against Property (LAP) – Secured loans using real estate as collateral
- Working Capital & Credit Lines – Support for day-to-day business needs

As an official partner of IIFL Finance, FinURL ensures customers receive access to credible and diverse financial offerings.



CREATIVITY CORNER



"Imagination is the beginning of creation. You imagine what you desire, you will what you imagine, and at last, you create what you will"

– George Bernard Shaw

Creativity is the spark that ignites the essence of human expression, transforming the ordinary into the extraordinary. It is the fearless dive into unexplored realms, where ideas take flight and the imagination stretches beyond the limits of the known. In a world increasingly shaped by technology and routine, creativity emerges as the guiding light of progress, urging us to venture into new dimensions and forge ahead on unexplored paths.

Within our department, creativity flourishes as a dynamic force, nurtured by an environment rich in inspiration, collaboration, and experimentation. Here, both students and faculty cultivate ideas with passion and purpose, carefully tending to them until they bloom into groundbreaking works across art, design, and discovery.

Now, let's explore the creativity that pulses at the core of our department—through the remarkable efforts of our talented faculty and students.



VEDANT HARIYAN (SE)



VEDANT HARIYAN (SE)



VAMSHI MARRI (SE)



VAMSHI MARRI (SE)



Prof. SHANTHI THERESE



Prof. SHANTHI THERESE



SARVESH HUDDAR (SE)



MEETALI KAPSE (TE)



AISHANI CHAUHAN (SE)



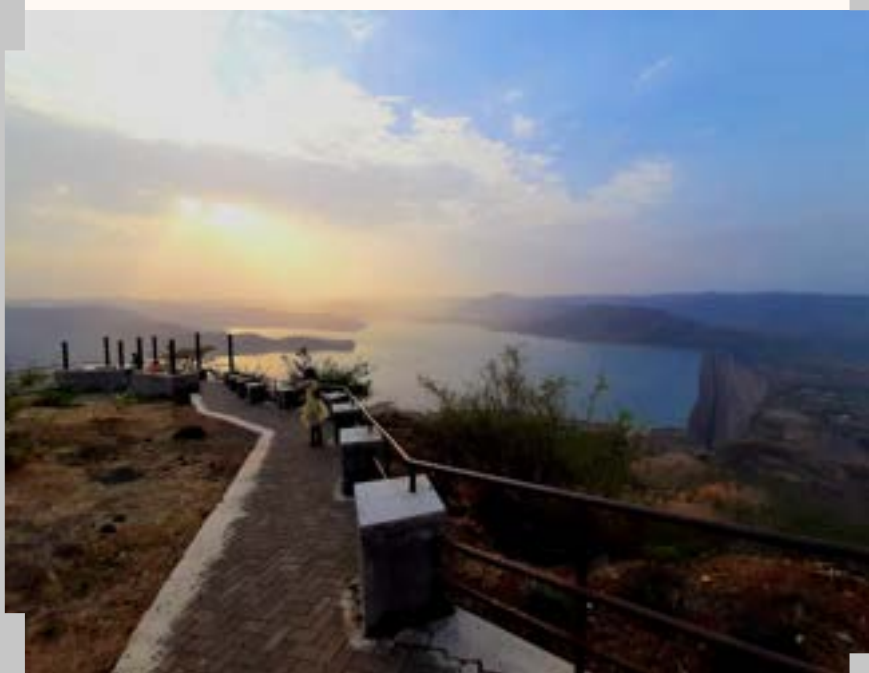
AISHANI CHAUHAN (SE)



HARSH SHARMA (TE)



HARSH SHARMA (TE)



SHIVAM SINGHAL (SE)



SHIVAM SINGHAL (SE)

NATURE

**Encloses me the pleasing green lush,
asking to take a pause and not to rush!
To immerse self in the beauty around,
to appreciate everything, that surrounds!**

**Flows across the untamed river,
essence of persistence it delivers!
The damp soil touches my feet,
greeting me to take down a seat!**

**Up are the clouds in slow motion,
teaching me the keep moving notion!
Down lay the moist, carpet green,
spreading aura, so serene.**

**On my right, mountains surround,
reaching the sky but touching the ground.
I look up and adore the colorful sky,
to sorrow it's bidding goodbye!**

**Coollest breeze blows across my ears,
along with it takes away all my fears.
Encircles me the aesthetic landscape,
all the beauty and charm it drapes!**

**In the mid of these heavenly vibes,
I forget the stress that city provides!
I wish to stay here for long,
along with mother hum my favourite song!**

**There's so much one can learn from
nature,
how it loves and cares for all its creatures!**

AISHANI CHAUHAN (SE)

VOID

**Something that folds the
luminosity around it and
wear's it as a crown.**

Something that even engrosses light.

Something that bends time.

**Something that forces of
nature kneel before it.**

**Sight so beautiful that
studying you is just bewildering.**

What are you?

An entrance, a bridge or something else...

HARSH SHARMA (TE)

GUESS WHO ?

EEB, WT, OS - _____

C, Java, Python - _____

PCPF, OS - _____

CNND,ADSA,AT,DSA - _____

IOE - _____

AIDS, BLOCKCHAIN - _____

IP - _____

AIDS , CNS - _____

PCPF, SE, PYTHON- _____

GUESS WHO ?

UID, POC ,DEVOPS - _____

WT, CNS - _____

MAD - _____

CNND , COA, DBMS - _____

DMBI, IRS - _____

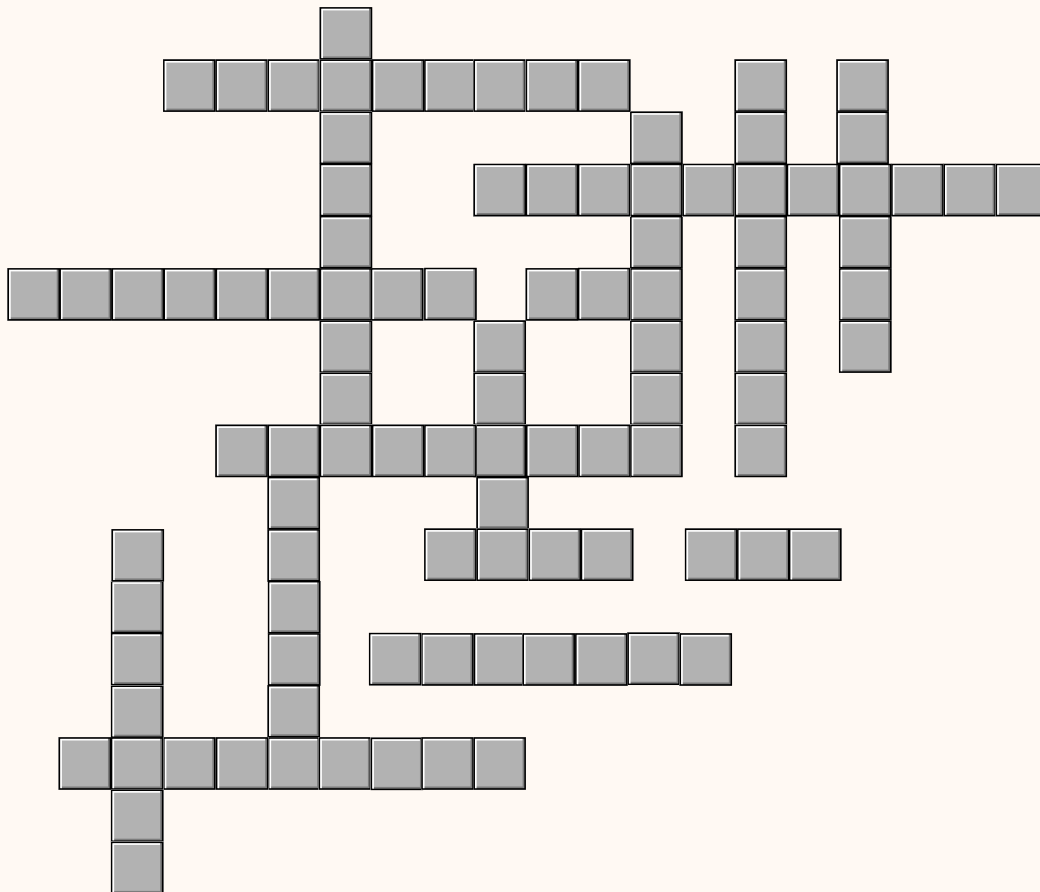
WEBX, IP, DSA - _____

PYTHON, AT, DSA - _____

COA , SE - _____

CNS - _____

CROSSWORD



Across

2. A precise sequence of instructions for processes that can be executed by a computer.
6. The placement of text farther to the right or left of the surrounding text, making it easier to understand the program's structure.
7. A link from a HTML file to another location or file, typically activated by clicking on a highlighted word or image on the screen
8. Cascading Style Sheets; a language used to describe how HTML elements should be styled.
10. Any character that shows up as a black space on screen, such as a space, a tab, or a new line; helps separate different parts of the document to make it easier to read.
13. Hypertext Markup Language, a language used to create web pages.
14. Part of a program that does not work correctly.
15. An algorithm that has been coded into something that can be run by a machine.
16. Finding and fixing problems in an program.

Down

1. The exclusive legal right to print, publish, perform, film or record literary, artistic, or musical material and to authorize others to do same
3. A quotation from or reference to a book, paper, or author, especially in a scholarly work.
4. Any device or component that receives information from a computer
5. A collection of interlinked web pages on World Wide Web
9. A device or component that allows information to be given to a computer.
11. A title or summary for a document
12. A note in the source code of a computer program that helps explain the code to people who read it.

WORD GAME

Try to form as many words from the
below given letters

A A D B A E T S

WORD GAME

Comment Hyperlink Copywrite Website Algorithm Citation
Indentation Debugging Input Bug CSS Whitespace
output HTML Heading Program

Data Base Bit Bat Bad Sat Ads Tab Beta Sat



DISTINGUISHED ALUMNI



Sagar Nagda (2008)

Founder of Nimap Infotech



Devesh Makhijani (2014)

Senior Associate Vice President at
Darashaw



Monica Motwani (2014)

Founder of VibeAffair



Jai Parmani (2022)

Software Development Engineer
at JPMorgan Chase



Sarjak Maniar (2022)
AI Engineer At XNODE INC.



Aishwarya Nathani (2022)
Data & AI Engineer II at UBS



Vishal Somani (2020)
Manager at Birla-Birla Opus



Manav Bahl (2022)
Macro Desk Strategist at Balyasny
Asset Management L.P

A pixel art illustration of a night scene. The background is a dark blue sky with white stars. A large yellow sun is in the top right corner. Two yellow stars are in the top left corner. A red car is on a road at the bottom. A traffic light is on the right side of the road, showing red, yellow, and green lights. A street lamp is on the left side of the road, with a yellow light cone. The word "TESTIMONIALS" is written in a blue, pixelated font in the center of the image.

TESTIMONIALS

CLASS OF 2008

As I reflect on my journey, I am proud to say that I have built a successful career in the IT outsourcing and digital marketing industry. I founded Nimap Infotech leveraging my strong educational background, BE IT from TSEC and an MBA from Bocconi University and a specialization in digital marketing from UCLA. My early career laid the groundwork for my entrepreneurial venture, and I have since grown Nimap Infotech 400

People strong to serve over 500 clients with more than 1,200 project executions. I have lead the development of innovative solutions like Field Force Connect and founded TheRecruiter.io to address HR challenges. Today, I am focused on expanding Nimap Infotech globally, targeting markets in North America, the Middle East, and Europe. My achievements have earned me international recognition, including the IEEE "Darrel Chong Student Activity Award" when I was student at TSEC. I am humbled by the respect I have earned in the industry and am committed to continuing to inspire startups with angel investing and my expertise and leadership.



Sagar Nagda

CLASS OF 2011

The IT Department in TSEC laid the foundation of who I am as a cyber security professional today. Right from ensuring the technical concepts on code development, network security and database management were understood well, to supporting my aspirations of studying cyber law during my final year as an additional diploma, have contributed towards my growth in the field of cyber security. Beyond the regular classes, I am also grateful for the mentorship I have been fortunate to have received from Mukesh sir, Kumkum ma'am, Geeta ma'am Madhuri ma'am and Arun sir. Their faith in my potential and the guidance provided by them, especially during the tough times is something I attempt to carry forward as a Woman in Tech leader today.



Manasi NJ

CLASS OF 2014



Monica Motwani

Hey future grads! Engineering was where it all started — those long lectures, late-night submissions, and endless fest meetings at TSEC shaped not just my technical mind, but also awakened something deeper: my love for organizing and curating experiences. After nearly five years in the corporate world post-graduation, I took a leap of faith to follow that spark. That leap became Vibe Affair —a Mumbai-based event management company that specializes in weddings, social events, and curated experiences that feel like magic.

From intimate proposals to grand sangeets, we don't just plan events — we design memories. And guess what? The very professors who once mentored me now trust me with their children's weddings. Batchmates from college? They're now my clients. It's a full-circle moment, every single time. TSEC didn't just give me a degree — it gave me my first stage to dream, lead, organize, and most importantly, to believe in my own voice. To every student reading this — your path might unfold in ways you never imagined. Stay open. Stay curious. And no matter what, always follow the vibe that feels like you. Dare to dream, dare to do!

Love & Light,

Proud Alumnus and Fellow Last Bencher

CLASS OF 2022



Pranav Dani

The IT department at TSEC offers a great environment to grow and thrive—take advantage of that opportunity to build meaningful relationships. I'm sure someone will talk about networking, hackathons and coding so I'll try to address some essentials for your upcoming journey. Listen, think, observe and learn. Whatever path you choose, focus on building a strong foundation in that field. There are no shortcuts in this game. Learn how to approach the right people for the right problems with the right questions, optimizing everyone's knowledge and time to solve a shared goal.

Focus on the value you bring to the table and the problems you can solve better. Not on what others can do. Don't let someone else's achievements diminish your passion or appetite for the subjects you are eager to grow in. Struggles are an inevitable part of progress, and each person's journey is unique. It's easy to overestimate the significance of a single defining moment and underestimate the power of small, consistent improvements. Great change doesn't happen overnight—it's a gradual process. Stick to what you want to excel at, and those steady efforts will undoubtedly lead to improvement and fulfillment. Be silly, weird and kind. Have fun with your friends, you will cherish your memories for the foreseeable future.

CLASS OF 2022



Nikhil Mankani

When I look back on my time in TSEC, I really think that the knowledge we acquire here is like a great tool; what counts is how you apply it to guide your future. For me, hackathons were transforming. They urged me to create real-world projects, venture outside the classroom, and, most importantly, confront challenges that tried my endurance, flexibility, and ability to solve problems under pressure. These experiences brought out the best version of me.

I also found immense value in being part of social communities within the college. They not only helped me improve my communication and teamwork but also taught me how to thrive in collaborative environments. One of the biggest lessons I learned was that networking shouldn't stop at your immediate circle—go out, interact with people from different fields, understand their perspectives, and let those insights shape your own thinking.

And finally, don't get caught up trying to follow someone else's roadmap. Success doesn't have a fixed formula. Everyone's journey is different. Carve your own path, take ownership of your dreams, and trust your instincts—you'll be surprised at how far you can go.

CLASS OF 2023

The time I spent at TSEC was truly transformative—an incredible journey of growth, self-discovery, and unforgettable memories. It was about pushing boundaries, stepping out of comfort zones, and making every moment count. Being a part of various fest events and leading the college dance team gave me a platform to express myself and represent TSEC at both local and national levels. One of the highlights was being part of the winning team at a national-level dance competition held at IIM Ahmedabad in my very first year—a moment I'll always cherish. In my final year, we returned and proudly secured the runner-up spot.

TSEC offered more than just academics—it was a space where my confidence soared and my personality flourished. I explored interests beyond the curriculum, from performing arts to sketching, and grew through each endeavor. The supportive faculty and excellent management played a huge role in this journey, always encouraging us to aim higher. But one mustn't limit oneself to the obvious. The networks I built here—friends, mentors, teammates—have left a lasting impact. Every competition, every late-night practice, every conversation added a new layer to my college story. Eventually, this journey led me to a great job opportunity, but more importantly, it left me with the mindset to keep growing and creating. So, make the most of your time here. I was given room to inquire, experiment, and evolve. Dive into new experiences, lead with passion, and let curiosity be your compass. TSEC has so much to offer—embrace it all.



Gaurav Wadhwa

CLASS OF 2023



Isha Nalawade

Don't just study to get a good GPA. Study to actually understand things. Build your fundamentals, because they'll carry you much further than you think, especially once you step into the real world. If you're in your first or second year, use this time to explore as much as you can. Make the most of AI tools and resources. Use them to learn more effectively, build projects, debug your code, and expand your understanding.

Look into research, contribute to open source, build serious projects, or even try publishing something if you're up for it. Take part in hackathons. I still love doing them whenever I get the chance (not just for the free food). They're honestly one of the best ways to turn random ideas into real projects. Also, don't forget to enjoy college. You only get this time once. I took part in tech committees, volunteered at events, joined the drama team, and even ended up becoming the GS. I just wanted to try everything that interested me. And I'm really glad I did. TSEC helped shape how I think, how I work, and who I am today. I'm currently doing my master's in CS at UMass Amherst, and working as a graduate researcher on a data science project with Microsoft. And hey, TSEC has a pretty solid alumni network. Don't think twice before reaching out on LinkedIn—everyone's super helpful and always up for a chat.

CLASS OF 2023

College was one of the most exciting, life-changing phases of my life. I made friendships that turned into family, and memories I'll carry with me forever — from late-night submissions to chai breaks and spontaneous campus hangouts. Being part of hackathons, project expos, the student council, and the placement group gave me so many opportunities to learn, grow, and build confidence. And shoutout to the IT department — definitely the strictest of them all! But showing up every day, staying consistent, and pushing through taught us the discipline we now carry into our jobs.



Rishabh Raghuvanshi

One of the highlights was being part of the winning team at a national-level dance competition held at IIM Ahmedabad in my very first year—a moment I'll always cherish. In my final year, we returned and proudly secured the runner-up spot. These experiences didn't just shape my skills—they shaped me. TSEC offered more than just academics—it was a space where my confidence soared and my personality flourished. I explored interests beyond the curriculum, from performing arts to sketching, and grew through each endeavor. The supportive faculty and excellent management played a huge role in this journey, always encouraging us to aim higher. But one mustn't limit oneself to the obvious.





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Faculty In-Charge



Dr. Shanthi Therese
Faculty In-Charge



Dr. Kumkum Saxena
Faculty In-Charge



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Hriday Jain
Editor and Designer



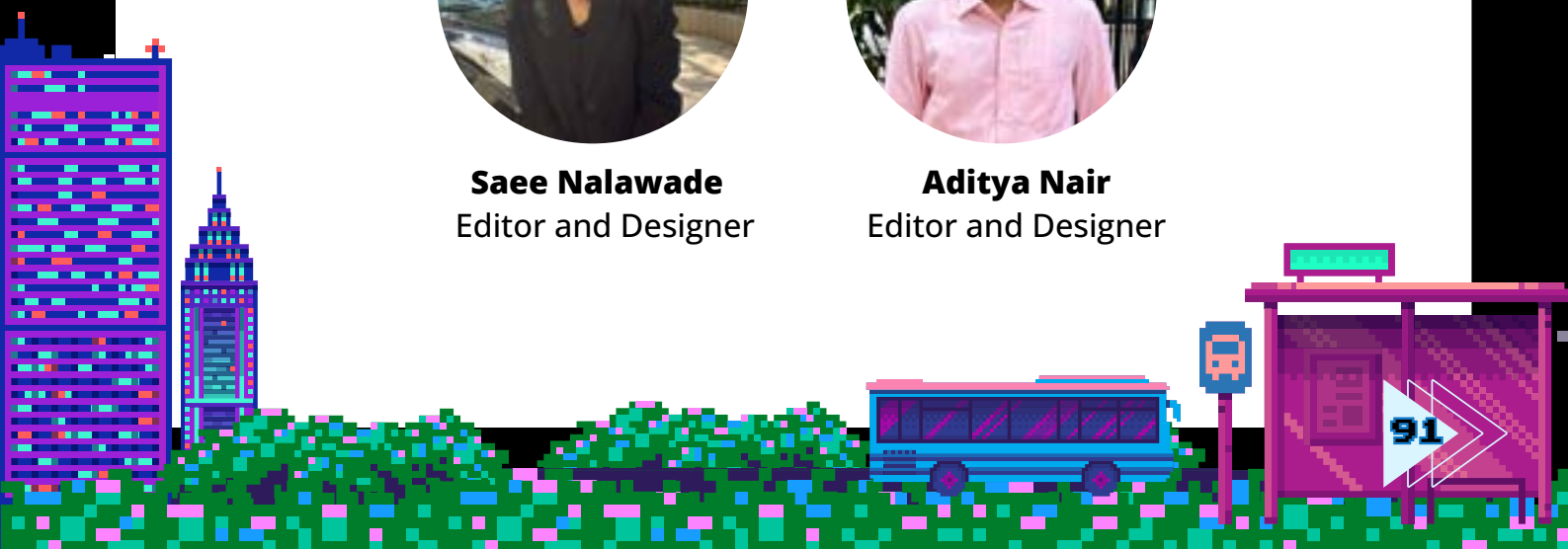
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Sae Nalawade
Editor and Designer



Aditya Nair
Editor and Designer





EDUCATION IMPARTS HUMILITY. FROM
HUMILITY COMES WORTHINESS. FROM
WORTHINESS, ONE ATTAINS WEALTH. FROM
WEALTH, ONE CAN PURSUE RIGHTEOUSNESS.
AND THROUGH RIGHTEOUSNESS, ONE FINDS
TRUE HAPPINESS

-INSPIRED BY CHANAKYA

