

INNOV8IT

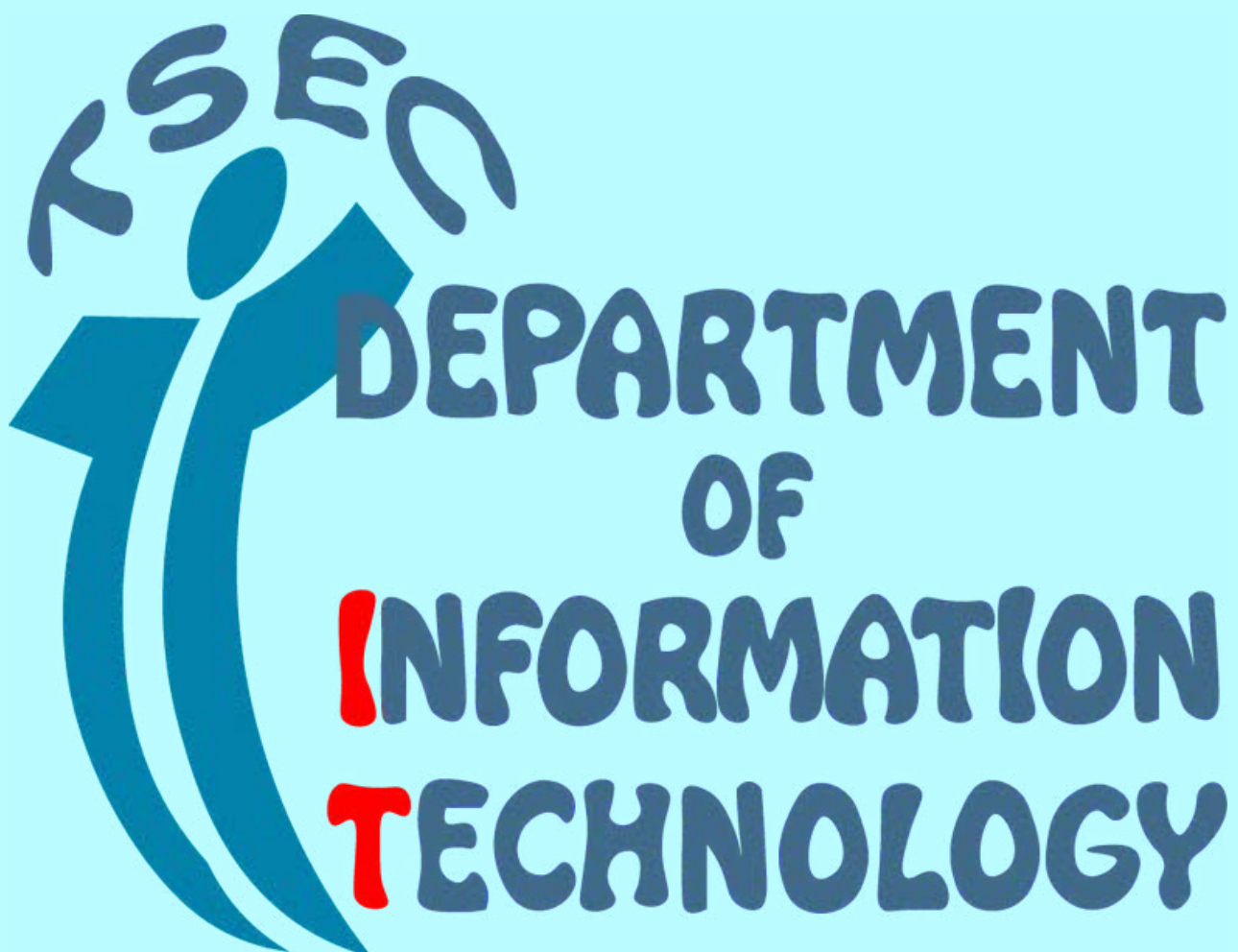
TNTNOV8IT
TNNNOV8IT
TNNNOV8IT
TNNNOV8IT
TNTNOV8IT
TNTNOV8IT
INNNOV8IT
INNNOV8IT
INNNOV8IT
INNNOV8IT
INNNOV8IT
INNNOV8IT

8IT

THADOMAL SHAHANI

TSEC

ENGINEERING COLLEGE



From the Principal's Desk



Never in the history of the world have people enjoyed the benefits of a type of technology called Information Technology. At the core of this technology lies the possibilities embodied in particles and their behavior in a pre-designed setting, buoyed by human ingenuity. Almost all belief systems have been rewritten by years of systematic study, observation, and a longing for new knowledge.

Revolutionary and radical transformations in human life and businesses have been brought

about by brilliant minds that remain focused on demystifying the secrets of the world. The advent of capitalism in the early 20th century created nuclear families, breaking even the culture of joint families to facilitate the easy movement of the workforce. This capitalist economic system placed capital on a pedestal and became the most revered commodity. People strove hard to multiply their wealth, even at the cost of human misery.

World Wars I and II induced fear among civilized societies, and economically advanced countries experienced massive innovations and inventions. Jumbo jets, atom bombs, nuclear energy, electronic devices, communication protocols, defense and military equipment, are the results of war-induced projects set up for breakthrough technologies. The creation and accumulation of massive wealth in a few countries and individuals created an asymmetric world order and led to a system trap called "Success to the Successful," where "the rich become richer."

Like World War II, the early 21st century also witnessed accelerated innovations in Information Technology, driven by greed to make more fortunes. The innovation stayed the course and created massive wealth and value for enterprises. After a lapse of a few years, a new consciousness evolved out of the experiences of disproportionate wealth, which are in search of the democratization of society to create a stable world to sustain business growth. New studies and observations compelled corporations to practice diversity, inclusion, and gender equality to make the workplace more productive.

To cut the story short, the elephant in the room is Artificial Intelligence and Metaverse. Whichever profession one practices, competencies, and hands-on experience on these technologies shall take you to a different orbit of performance. All these are to be enjoyed and nurtured until the time quantum computing is surmounted and unleashed; there is going to be a "Pralay" experienced as a rude shock, indeed, this is not too far off.

Dr. G. T. Thampi
Principal

HOD's Message



It gives me immense pleasure to write this message for all the stakeholders. Currently IT department has an intake of 120 seats in B. E and a Doctoral Ph.D. (Technology) program with an intake of 20. Till date 22 faculty members from within and outside colleges have completed their Ph.D. and 13 are still pursuing. The department is accredited by the NBA which rates the overall performance of the department. The backbone and the strength of the department is the State-of-the-Art

infrastructure and highly qualified, immensely diligent, specialized faculty members. The unprecedented situation due to the pandemic had adversely affected educational institutions. But we were able to bounce back and restore our operations from offline mode to online mode within the minimum possible time mainly due to the indomitable spirit of our faculty and digital transformation initiatives like Microsoft Teams and Zoom. We have various labs each with their own assigned purpose, ranging from Data Structures to Computer Networks, Data-Base, Big-Data Analytics, Cloud Computing, Artificial Intelligence, Data Science and Blockchain.

The department is committed to excellence in teaching, skilling, and inculcating a sense of pride and confidence in our students. The IT Department always strives to provide a conducive environment to develop a strong academic foundation, professional attitude, and ethics. The department also believes in effective mentoring and continuous motivation to achieve students' all round development through curricular, co-curricular, and extra-curricular activities. The department endeavors to create a conducive environment for the students to flourish and aid them in their overall growth making them ready to be successful and competent in the real world. I am really proud of all my students as they are either placed or going for Higher studies.

Lastly to conclude I want to see my students be well-disciplined citizens of India who will be contributing in terms of technology and economy to build the nation.

DEPARTMENT OBJECTIVES

- To enhance student's technical and communication skills.
- To cultivate a collaborative working environment that enables students to work effectively in teams.
- To educate students about morals and ethics.
- To build a solid foundation for further engineering education.

Thank you,
Best wishes.
Dr. Arun Kulkarni

Our Team's Word



Dear Readers,

We are thrilled to present 'INNOV8IT' our pioneering department magazine. It has been an exciting journey putting this issue together, and we are proud of the result. We are thrilled to share with you a wide variety of articles, poems, artwork, achievements, and much more.

Our aim with this magazine is to showcase the diversity and creativity of our college community, as well as to provide a platform for students to express their ideas and perspectives on a range of topics. We believe that through sharing our experiences, stories, and knowledge, we can learn from one another and foster a deeper sense of connection and understanding.

In this edition, you will find articles on current events, creative writing, and artwork that speaks to the human experience. We hope that you find these pieces thought-provoking, inspiring, and entertaining.

We would like to thank our contributors for their hard work and dedication in creating this magazine, as well as our faculty advisors for their guidance and support. We would also like to express our gratitude to our readers for their ongoing interest and engagement. We hope that this magazine provides a glimpse into the vibrant and dynamic community that we are proud to be a part of. Enjoy the read!

As always, we welcome your feedback and suggestions, and we look forward to bringing you more great content in the future.
Thank you for your continued support, and happy reading!

Sincerely,
The Magazine Team

TABLE OF CONTENTS

1 ABOUT US

Page No. 1

2 OUR FACULTY

Page No. 9

3 PLACEMENTS & INTERNSHIPS

Page No. 15

4 EVENTS AND COMMITTEES

Page No. 21

5 DISTINGUISHED ALUMNI

Page No. 29

6 ACHIEVEMENTS

Page No. 33

7 BE AWARDS

Page No. 35

8 CREATIVITY CORNER

Page No. 39

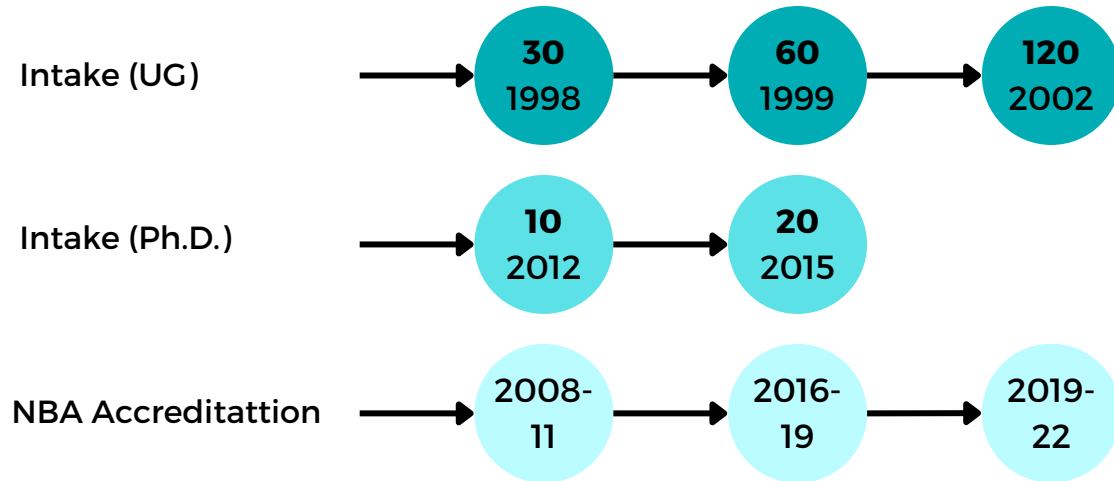
9 OUR TEAM

Page No. 57

About Us

About Department

Overview of the Department



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, workshops, and symposia in emerging technological areas.



OUR FACULTY

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. Graduating students will be having competencies in applying computational technologies and practices in solving real life problems with scholastic understanding of basic sciences and mathematics.
2. Graduating students will be equipped with proficiency in system analysis, modelling and software development leveraging their knowledge in database systems, computer networks, information and network security, cloud computing and data analytics.
3. Graduating students will be demonstrating their competency in carrying out collaborative projects with their proficiency in developing user interface, software architecture, software testing and licensing regime
4. Graduates shall be treated as a human capital evolving as professional contribute to national GDP and mankind at large.

B.E. Batch 2022



B1



B2

Course Structure

Sem 3 R19 (December 2021) • Engineering Mathematics-III • Data Structure and Analysis • Database Management System • Principle of Communication • Paradigms and Computer • Programming Fundamentals	Sem 4 R19 (May 2022) • Engineering Mathematics-IV • Computer Network and Network Design • Operating System • Automata Theory • Computer Organization and Architecture
Sem 5 R19 (December 2021) • Internet Programming • Computer Network Security • Entrepreneurship and E-business • Software Engineering • Advanced Data structure and Analysis	Sem 6 R19 (May 2022) • Data Mining & Business Intelligence • Web X.O • Wireless Technology • AI and DS 1 • Image Processing
Sem 7 R16 (December 2021) • Enterprise Network Design • Infrastructure Design • Artificial Intelligence • Mobile Application Development • Soft Computing • Management Information System • Operation Research • Cyber Security and Laws	Sem 8 R16 (May 2022) • Big Data Analytics • Internet of Things • User Interface Design • Project Management • Finance Management

Shining Success

It is a matter of great pride for the department that the students have excelled in the exams, and it is a testament to their dedication and hard work. The students have put in long hours of study and have worked hard to achieve their goals. The department is proud of their achievements and is confident that they will go on to do great things in the future.

Category	SE Sem IV (May 2022)	TE Sem VI (May 2022)	BE Sem VIII (May 2022)
Distinction	84	105	134
First Class	37	28	06
Second Class	13	08	00
Pass Class	03	00	00
Fail	03	02	01
Total	140	143	141

Top 3 toppers of 2022

Sem 8 (May 2022):



Manya Ravindranathan
9.87



Ayesha Ahmed
9.83



Dhriti Gada
9.83



Jainam Doshi
9.8

Sem 6 (May 2022):



Bhavya Sheth
10



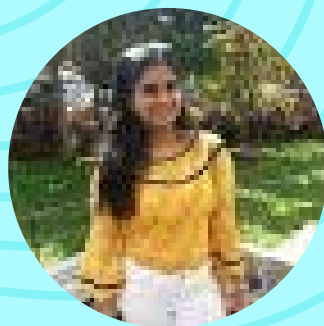
Shreesh Srivastava
10



Siddhi Patil
10



Isha Nalawade
9.96



Saanika Tatuskar
9.86



Trisha Shetty
9.86

Sem 4 (May 2022):



Sneh Davaria
9.87



**Prateek
Vishwakarma**
9.74



Ved Jaiswal
9.61



Aadi Vora
9.61

Our Faculty

Prof. Sampada Pinge

Our Faculty

“Not all superheros wear capes,
some have teaching degrees.”



Dr. G. T. Thampi

Designation: Principal

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

Experience: 34 Years & 10 Months

Area of specialization: Big Data Analytics, Cloud Computing, Internet of Things, Integration in Enterprises.

Dr. Arun Kulkarni

Designation: Vice Principal, Dean (AICTE/NBA), Professor and HOD(IT).

Qualification: Ph.D. (Computer Science and Engineering), Registered Ph.D. guide for IT and Computers.

Experience: 31 Years

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



Prof. Archana Kale

Designation: Associate Professor, NBA Criteria-7 Incharge.

Qualification: Ph.D. (Pursuing)

Experience: 28 Years

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

Prof. Anjali Malviya

Designation: Associate Professor.

Qualification: ME (Electronics)

Experience: 28 Years

Area of specialization: Image Fusion, Data Analytics.





Dr. Madhuri Rao

Designation: Professor.

Qualification: Ph.D. , M.E (Comp. Engineering) , B.E (Computer), Registered Ph.D. guide for IT and Computers.

Experience: 25 Years

Area of specialization: Big Data Analytics, Software Project Management, Data Warehousing Mining and Business Intelligence, Software Engineering, Database technologies, Parallel Computer Architecture, Machine Learning.

Prof. Sampada Pinge

Designation: Associate Professor, BE Project Co-ordinator, NBA Criteria-7 Incharge.

Qualification: : ME (Electronics)

Experience: 28 Years

Area of specialization: Image Fusion, Data Analytics.



Dr. Shanthi Therese

Designation: Associate Professor, NBA, NAAC Co-ordinator, Internship Co-ordinator.

Qualification: Ph.D. (Technology) in Computer Engineering, Registered Ph.D. guide for Computers.

Experience: 25 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: Ph.D. (IT)

Experience: 31 Years

Area of specialization: Artificial Intelligence, Machine Learning.



Dr. Mukesh Israni

Designation: Vice Principal (Infrastructure), Associate Professor.

Qualification: Ph.D. (Technology) in IT

Experience: 25 Years

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

Prof. Kumkum Saxena

Designation: Assistant Professor, NBA & NAAC Department Co-ordinator, Mentor-Mentee Co-ordinator, Mini Project Co-ordinator, Member of E-cell, Alumni, Women Development Cell and Convocation Committee.

Qualification: Ph.D. (Pursuing)

Experience: 21 Years

Area of specialization: Image Processing, Operating Systems, Computer Networks, Advance Data Structures and Algorithms, Automata Theory.



Prof. Geeta Karande

Designation: Assistant Professor, CAP Co-ordinator, NBA Criteria-10 Incharge, Class Teacher Incharge.

Qualification: M.E (Electronics and Telecommunication)

Experience: 23 Years

Area of specialization: Robotics, Communication Engineering.

Prof. Nagaveni Hebbar

Designation: Assistant Professor, NBA Criteria-5 Incharge.

Qualification: Ph.D. (Pursuing)

Experience: 18 Years

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



Prof. Chetan Agarwal

Designation: Assistant Professor, Member of the Admission Committee and Convocation Committee.

Qualification: Ph.D. (Pursuing)

Experience: 19 Years

Area of specialization: Blockchain Technology.

Prof. Reshma Malik

Designation: Assistant Professor, NBA Criteria-6 Incharge, Class Teacher Incharge, Mini Project Coordinator.

Qualification: M.E (Computer Engineering)

Experience: 17 Years

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





Prof. Sanjay Pandey

Designation: Assistant Professor, NBA Criteria-5 Incharge, Member of Admission Committee.

Qualification: Ph.D. (Pursuing)

Experience: 18 years

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

Prof. Sunita Rathod

Designation: Assistant Professor, Faculty Feedback Incharge.

Qualification: M.E. (Computer Engineering)

Experience: 19 Years

Area of specialization: Programming, Speech Processing & Bio-metrics.



Prof. Nikhilesh Joshi

Designation: Assistant Professor, Internal Assessment Coordinator.

Qualification: Ph.D. (Pursuing)

Experience: 21 Years

Area of specialization: Neural Network Image Processing.

Dr. Shachi Natu

Designation: Assistant Professor, NBA Criteria-3 Incharge, Internship Coordinator.

Qualification: Ph.D. (Computer Engineering)

Experience: 16 Years

Area of specialization: Image Processing.



Prof. Sanober Shaikh

Designation: Assistant Professor, Website maintenance Incharge of college, Mini project Co-ordinator, Feedback Incharge, Member of Admission, E-Cell, CodeStorm and Convocation Committee, Class Teacher Incharge.

Qualification: Ph.D. (Pursuing)

Experience: 18 Years

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

Prof. Himani Deshpande

Designation: Assistant Professor.

Qualification: Ph.D. (Computer) (Pursuing)

Experience: 7 Years

Area of specialization: Artificial Intelligence, Operating System, Data Structures, Computer Organization and Architecture, Programming Paradigm.



Prof. Monica Tolani

Designation: Assistant Professor, Placement Officer and Dean Revenue Generation.

Qualification: Ph.D. (Pursuing)

Experience: 5.9 yrs

Area of specialization: Artificial Intelligence, Databases, Data Mining, Big Data Analytics, Software Engineering, E-commerce & E-business, Machine Learning, Deep Learning, Python Programming



Prof. Vijal Jain

Designation: Assistant Professor, Department Social-Media Manager.

Qualification: Ph.D. (Pursuing)

Experience: 8 Years

Area of specialization: Satellite Image Processing, Data Mining, Artificial Intelligence, Networking and Network Security.



Dr. Darshan Ingle

Designation: Assistant Professor, NBA Criteria-10 Co-ordinator

Qualification: Ph.D. (Computer Science & Engineering)

Experience: 12 Years

Area of specialization: Artificial Intelligence, Machine Learning, Deep Learning, NLP, Tableau, PowerBI.



Prof. Sheetal Gondal

Designation: Assistant Professor.

Qualification: M.E (Computer Engineering)

Experience: 6 Years

Area of specialization: Database, Big Data Analytics.



Placements & Internships

Placement Diary

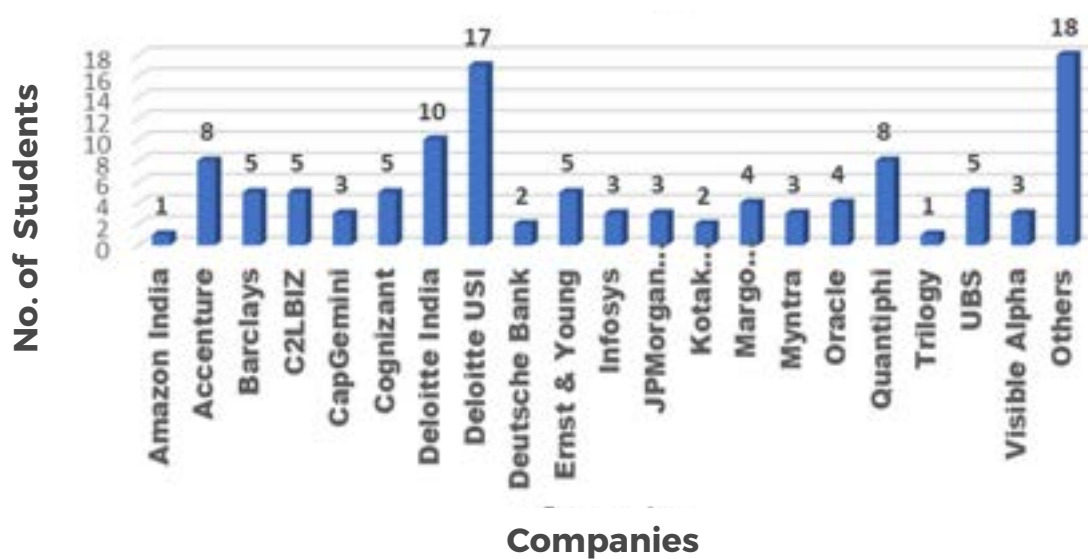
The placement round at Thadomal Shahani Engineering College for Information Technology was a true testament to the hard work and dedication of its students. The college is proud of all its students, whether they have chosen the path of immediate employment or further education, and wishes them all the best in their future endeavors.

Total Number of Students	No. of Student Registered for Campus Placement	No. of Student Placed	Going for higher Studies	Entrepreneurship	Joined Family Business	Others
141	97	91	36	1	2	5

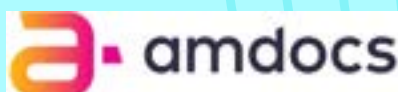
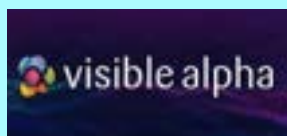
Top 10 Packages

Sr No.	Student Name	Company Name	Package offered (In Lakhs)
1	Pratik Kundnani	Trilogy	45
2	Vanshika Mattoo	Amazon India	32
3	Anushka Bhagchandani , Jahnvi Thakkar, Sailee Salgaonkar	Myntra	27
4	Jai Parmani	Deutsche Bank	19.63
5	Aditi Deshmukh, Hritik Jethwani, Nitin Wankvani, Smit Desai	Margo Networks Pvt.Ltd.(SugarBox Networks)	14
6	Ayesha Ahmed, Sakshi Dhoble	JPMorgan Chase & Co.	14
7	Diksha Rohra, Saikiran Jakkan	Kotak Mahindra Bank	12
8	Labdhi Rathore, Nikhil Mankani, Raahim Patel, Vanshika Mattoo	Barclays	12
9	Jainam Doshi	Oracle	11.26
10	Aishwarya Nathani, Dhruvi Tahilramani, Niraj Bathija, Yash K Jain, Yash Karnik	UBS	10

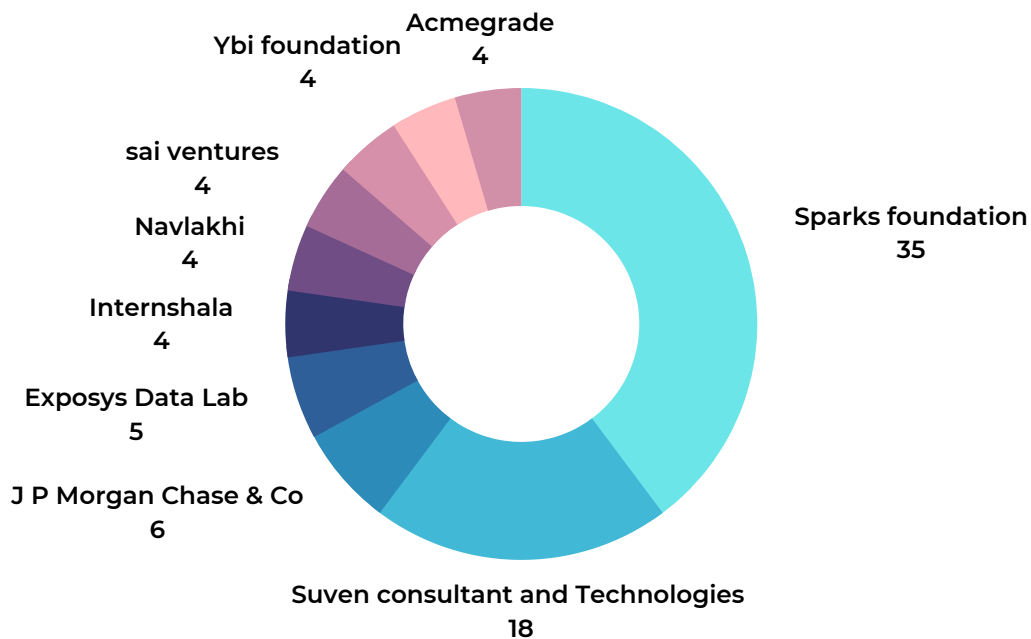
Placement Analysis



Our Recruiters



INTERNSHIPS



Internships are educational and career development opportunities, providing practical experience in a field or discipline. They are structured, short-term, supervised placements often focused around particular tasks or projects with defined timescales.

The internship was a great success, and the department is proud of all of the students who participated. The students have returned to TSEC with a newfound confidence and a wealth of practical experience. They are now better equipped to tackle the challenges of the dynamic world of technology and are ready to take on leadership roles in their careers. The department is confident that the students will continue to make a positive impact in the industry and will become leaders in their respective fields.

Internship 2021-22

Sr. No.	Company Name	Student Name	Amount (₹)
1	Tresata Technologies Pvt Ltd	Manasi Bhagwat	108000
2	JP Morgan & Chase Co.	Vinisha Adappa	100000
		Kevin Masalia	
		Isha Nalawade	
		Unnati Sorathi	
		Parinda Pranami	
3	Solblocks	Jay Mistry	100000
4	Oracle Financial Services Solutions	Neeraj Patil	100000
		Rishabh Raghuvanshi	
5	Union Bank of Switzerland	Darshan Rander	80000
		Balaji Wadawadagi	
6	RankITright Media Pvt. Ltd	Chaitanya Padol	75000
7	Credit Suisse	Trisha Shetty	75000
8	Splitkaro	Burhanuddin Khambati	50000
9	Symphony Fintech Solutions Pvt.	Varun Bhangre	15000
10	Bright Systems and Services	Nayni Shah	15000
11	Prorec	Pranav Shrivastava	15000
12	Cycrop IT Solutions	Ruchit Thaker	11000
13	Alorine	Pratham Gianani	10000
14	GrayQuest Education Finance Pvt.	Harsh Kotian	10000
15	Innovative Knowledge Software	Piyush Jethanandani	6000
16	Deep Thought	Bharat Rathi	6000
17	Sai Ventures	Jay Seth	5000
		Aditi Parmar	
		Pratham Shah	
18	BigRetel Labs	Krupesh Patel	5000
19	AKVI	Rishabh Patil	5000

20	Navlakhi	Parth Shroff	5000
		Hanil Jain	3500
21	Agaetis Technologies	Vedant Agrawal	3000
22	Innovative knowledge software	Rahul Jethani	3000
23	Turiya Communications	Harsh Anil Talrej	3000
24	Vajamala Digital	Vairag Morakhia	2500
25	AccioJob	Shubham Salunkhe	2500
26	Byjus	Yash Shah	30000
27	Think And Learn Pvt Ltd	Noynicaa Santani	25000
28	Appyhigh Technology	Omkar Tanaji Bhostekar	20000
29	SarconTech	Ronak Ashok Lala	15000
30	Teachmint	Tanush Mordani	10000
31	Blogsvilla	Siddesh Shetty	10000
32	R. S	Yash Nandwani	7000
33	Claxon Tournaments Pte. Ltd	Veer Rajesh Pariawala	6900
34	Unique Health Care	Bhavnani Raj Ashokkumar	5000
35	OS Infosolutions	Rukshar Khan	5000
36	Unicorp HVAC Solution Pvt. Ltd.	Karan Purushottam Joshi	4400
37	Consultomia Business Solutions	Isha Suresh Parab	3000
38	Muskurahat Foundation	Aaron Fernandes	2500
39	Applicorns	Rohit Nehara	2000
40	Fordix Private Limited	Prateek Vishwakarma	1000
41	Sidalceas Edutech	Arohi Devraj Jambenal	1000

Events & Committees

EVENTS

In April 2022, department hosted a competition for SE and TE students based on their mini projects. The competition for SE students was focused on the basics of Python and was titled "Python 1.0", while the competition for TE students was focused on Machine Learning and was titled "Machine Learning 1.0". This competition provided a valuable learning experience for all participants. The students had the opportunity to exhibit their competence in their selected domain. After the two phase review, top 3 projects of both the years were awarded.



PYTHON 1.0

1

**Attendance
Management**

2

Virtual Mouse

Isha Parab
Vansh Narwani
Aaditya
Chinchkhedkar

Prof. Anjali Malviya

Dhairya Shah
Sneh Davaria
Sumanta Jena

**Dr. Arun
Kulkarni**

3

Human Aid

Siddh Shah
Mahek Upadhyay
Siddharth Nachane

**Prof. Nagaveni
Hebber**

MACHINE LEARNING 1.0

1

**Art Generation using
Speech Emotions**

2

**Neural Art
Transfer**

Harsh Modi
Neeraj Patil
Harsh Parikh

**Dr. Shanthi
Therese**

Rishab Patil
Omkar Narvekar
Bhagvatiraj Yadav

**Prof. Sanober
Shaikh**

3

**Image
Colourization**

Aaryan Patil
Chaitanya Padol
Utkarsh Bhosekar

**Dr. Sampada
Pinge**

Committees

The students of the Information Technology department at Thadomal Shahani Engineering College are not only excelling in academics, but they are also actively involved in various college committees. These students are taking their talents and skills beyond the classroom, making a positive impact on the college community. They are taking on leadership roles, working collaboratively with their peers, and making meaningful contributions to the college, country and much more. From organizing events and managing budgets, to planning and promoting initiatives, these students are making a difference in the college. The department is proud of its students for their commitment to making the college a better place and providing a well-rounded learning experience. These extra-curricular activities are helping students to develop a range of skills that will serve them well in their future careers and personal lives. The students of IT department are not only part of the committees but also lead some of the roles in the committees.



STUDENT COUNCIL

Isha Nalawade: General Secretary

Ruchit Thaker: Cultural Secretary

Jay Mistry: Treasurer

Vinisha Adappa, Rishabh Raghuvarshi, Balaji

Wadawadagi, Neel Patel: Cultural Team

Avantika Deshmukh: Sports Team



CODESTORM

Darshan Rander: Technical Team

Dishant Israni: Design Team

Isha Nalawade: Marketing Team

Leena Kirtikar: PR Team

Manasi Bhagwat: Design Team

Parinda Pranami: Design Team

Rhutuja Lokhande: Editorial Team

Harsh Mody: Technical Team

Gunjan Sharma: PR Team



CODECELL

Kevin Masalia

Shubh Mehta

Harsh Kapadia

Faizan Parabtani



NSS

National Service Scheme

Parth Shroff: Public Relations Officer



CSI

Computer Society of India

2021-22

Vanshika Mattoo: Chairperson

Moin Naik: Vice Chairperson

Ayesha Ahmed: Joint Secretary

Aditi Deshmukh: Treasurer

Mahima Samantara: Marketing Head

Dhruvi Tahiramani: Publicity Head

Mihir Paghdal: Technical Team

Sakshi Dhoble: Chief Operation Head

2022-23 (March-October)

Kevin Masalia: Chairperson

Leena Kirtikar: Secretary

Parinda Pranami: Joint Secretary

Mihir Paghdal: Treasurer

Unnati Soarhi: Senior Organizational Manager

Tanvi Khasgiwal: Public Relation Officer

Tina Jagasia: Logistic Head

Shruti Gandhi: Marketing Head

Shreesh Srivastava: Joint Marketing Head

Bhavesh Ludhani: Digital Media Manager

Shubh Mehta: Technical Team



GDSC

Google Developer Student Club

Aaditya Chinchkhedkar: Core Team Member

Harsh Kapadia: Core Team Member

Pranav Dani: Core Team Member

Parinda Pranami: Core Team Member

Harsh Mody: Core Team Member



IETE

Institution of Electronics & Telecommunication Engineers

Nidhi Walavalkar: Secretary

Aakash Kapadia: Manager & Publicity Head

Anirudh Navin: Public Relations Officer

Jay Mistry: Event Head

Smith Shah: Design Head



E-CELL

Entrepreneurship Cell

Dishant Israni: Chairperson

Rhutuja Lokhande: Joint Secretary

Tanvi Khasgiwal: Publicity Head



THC

The Happiness Club

Akshat Shah: Secretary

Nidhish Chhajhed: Publicity and Social Media Manager

Unnati Sorathi: Design and Content Writer

Avantika Deshmukh: Design and Content Writer

Kevin Masalia: Operations Head and Event Co-ordinator



TIE Club

The Inner Engineering Club

Anushka Bhagchandani: Chairperson

Nikhil Manchhani: Creatives Head

Nisarg Sonar: Content Head

Rhutuja Lokhande: - Logistics Team Member





MAD CLUB

Mobile App Developers Club

Mahima Samantara: Chairperson

Darshan Rander: Vice Chairperson

Harsh Mody: Android App Development Team

Ruchit Thaker: Database Management Team

ISTE

Indian Society for Technical Education

Zubiya Alvi: Secretary

Palak Devnani: Vice Chair Person



RCTSEC

Rotaract Club

Juzer Sangotwala: Human Resource

MCL

Monte Carlo Localizers

Akshat Shah

Nayani Shah



EBSB

Ek Bharat Shreshtha Bharat

Udit Kumar Jain

Distinguished Alumni



Gaurav Dagaonkar (2004)

Co-founder and CEO - Hoopr.ai & Songfest India |
Building Music Tech Products @GSharp Media |
Music Producer



Shreyans Mehta (2006)

Leadership Coach for Start-ups |
Meditation Teacher



Mihir Malani (2007)

Founder and Managing Partner at Nerve Solutions



Lokesh Natoo (2008)

Executive Director - Global Operations &
Analytics at 21North



Darshan Vakharia (2010)

Assistant Vice President - Sales at Zee Media
Corporation Limited



Kunal Mota (2012)

Digital Transformation at L&T Realty



Nihar Shah (2012)

Senior Software Engineer at Oracle
Financial services LTD



Nikhil Nawate (2012)

Director, Data Science at Meta



Soumitra Bengri (2012)

Manager, Customer Success Acceleration at
Google



Aditya Advani (2014)

Senior Software Development Engineer at
Smartsheet



Pawan Demla (2015)

Co-Founder of CellBell



Gaurang Mohite (2016)

Project Manager at Nuvama Private (formerly
Edelweiss Wealth Management)



Jay Mehta (2016)
CEO at BlackCurrant App LLP



Manthan Thakker (2016)
Software Engineer 2 at Microsoft



Saddam Pojee (2016)
Senior Software Engineer, Frontend
at Carousell



Ritu Advani (2018)
Founder, Coding Tale | President : Giants Group Of
Mumbai ONE | National Secretary : Chamber for
Innovators & Entrepreneurs in India



Anezka Virani (2020)
Co-founder at Hucentric

Achievements

Thadomal Shahani Engineering College introduced the Information Technology field in 1998 to help learners acquire programming skills and develop competency in IT solutions. The department aims to prepare students for lifelong learning and adaptation to ever-changing technologies, and has a strong association with industries for campus placement opportunities. With a blend of experienced and young faculty members, TSEC strives to create a gender-neutral academic environment for students to thrive and emerge as productive entities over a four-year engagement.

There were 19 departmental publications for the year 2021-2022

Council magazine mentions various research papers presented at international conferences and published in reputed journals. The first paper discusses image forgery localisation. The second paper explores investment in R&D, technology adoption, and transfer in the Indian automotive sector. The third paper investigates the challenges faced by the Indian automotive industry for adopting technology organically. The fourth paper presents an open-source framework for unifying stream and batch processing. The fifth paper discusses the creation of a dataset on mother's features influencing childbirth experience. The sixth paper evaluates the performance of cryptographic algorithms. The seventh paper presents a method for generating and grading difficult multiple-choice questions using NLP and OMR detection. The eighth paper proposes a humor detection approach using LSTM. The ninth paper evaluates supervised machine learning algorithms in the healthcare sector. Several studies were presented at international conferences and published in various journals. Ayush Desai and his team analyzed game engine architecture and compared different game engines. Dishant Israni and his team developed a crop-yield prediction and recommendation system. Anagha Shastri and Dr. G.T. Thampi proposed a model for levels of automation of IT services. Kumkum Saxena and her team explored the use of blockchain technology for decentralization. Bhavya Shah and his team analyzed the effectiveness of ANN on small imbalanced datasets. Dev Rajdev and his team presented advanced encryption and security in ProtonMail. Rujuta Masli and her team detected landslides using wireless sensor networks. Ashwini Desai and her team customized insurance products based on customer data. Finally, Anushka Bhagchandani and Aryan Naik developed a deep learning-based framework for mental health therapy. These studies were published in IEEE Xplore, ResearchGate, and Springer Journal.

There were 6 workshops/ seminars/ webinars conducted.

The department has established a Center of Excellence (CoE) for Cloud Computing, Blockchain Technology, Data Science and Analytics, providing laboratory infrastructure to students for competency development in Deep Learning, Artificial Intelligence and Blockchain Technologies. The department also conducted the TSEC Hackathon on "Blockchain and Social Cause" and offered short-term training programs on "Data Science using Python" by Dr. GT Thampi. Additionally, the department students participated in Smart India Hackathon and Machine Intelligence 1.0 was organised for TE Students, and Python 1.0 was organised for SE Students.

Students have achievements in various domains, 4 gold medals and multiple certificates were won by students of the department. Students also participated in Hackathons and secured for the department ranks in most of their endeavours.

Pratik Kundnani was placed in Trilogy with 45 LPA, Vanshika Mattoo in Amazon India with 32 LPA, Anusha Bhagchandani, Thanvi Thakkar, and Sailee Salgaonkar placed in Myntra with 27 LPA, and many others won various awards in different competitions like project management, hackathons, and sports.

In hackathons, Aishwarya Nathani won many prizes, including Best Filecoin Project Bounty and Best Web3 Project at DotSlash 5.0 Hackathon, Best UVUS Design at e-Yantra Fight Covid-19 Hackathon, 1st Place at Hack-A-Sol, and many more. Other students like Mihir Paghdal, Salee Salgaonkar, Jahnavi Thakkar, Vanshika Mattoo, and Vedant Agrawal also achieved great success in different hackathons organised by various universities and companies.



Team StackUnderflow
3rd Place in TSEC CodeStorm
Hackathon, Sept 2021



Team Grab Parking Spot
2nd Place in Tech-Expo By E-Cell,
March 2022



Chaitanya Padol
Winner of TSEC HACKS, March
2022



Gaurav Bhatia
Winner of Indian Army
Cyber Security Hackathon,
Jan 2022



IT Department Girls Team
Winner of OFFSIDE (Football) 2022

BE Awards

Principal's Awards of Excellence



Moin Mhatarnaik



Nikhil Makani



Vanshika Mattoo



Aishwarya Nathani



Dhriti Gada

Hall of Fame



**Anushka
Bhagchandani**



Palak Agrawal



Sagar Pawar



Aditi Deshmukh



Jahnvi Thakkar



Sailee Salgaonkar



Manav Bahl



Pratik Kundnani

Leadership Awards



IETE: Pranjal Jain



CSI: Moin Mhatarnaik



MadClub: Mahima Samantara



CodeCell: Harsh Kapadia



Codestorm: Madhu Damani

Ambassador Awards



Pranjal Jain



Saikiran Jakkan



Mahima Samantara



Manasi Mathkar



Yash Jain



Faizan Parabtani



Dhruvi Tahliramani



Ayesha Ahmed



Madhu Damani

Student Envoys



Ayesha Ahmed



Yash Jain



Jainam Doshi



Jahnavi Thakkar



Nakul Joshi



Sailee Salgaonkar



Omkar Dhuri



Manasi Mathkar



Yash Karnik



Dhruvi Tahilramani



Palak Agarwal



Pranjal Jain



Sarjak Maniar



Moin Mhatarnaik



Madhu Damani

Creativity Corner

Unleash Your Imagination, Ignite Your Creativity...

Creativity is a crucial aspect of human existence that brings out the imagination and allows for the creation of new ideas and works of art. It has the power to inspire, captivate and evoke emotions, and brings a fresh perspective to the world. It is important in today's world, where technology and automation are increasingly dominant, as it enables us to adapt, innovate and stay ahead of the curve. To tap into creativity, one must think outside the box and let imagination run wild. It can be done through various forms of art and expression such as writing, drawing, music or design. When feeling uninspired, taking time to explore and try new things can ignite the spark of creativity. It is essential to cultivate creativity as it is the driving force behind innovation and progress, and a reminder of the beauty that surrounds us. Lets have a look at the creativity, the faculties and students of our department have displayed.



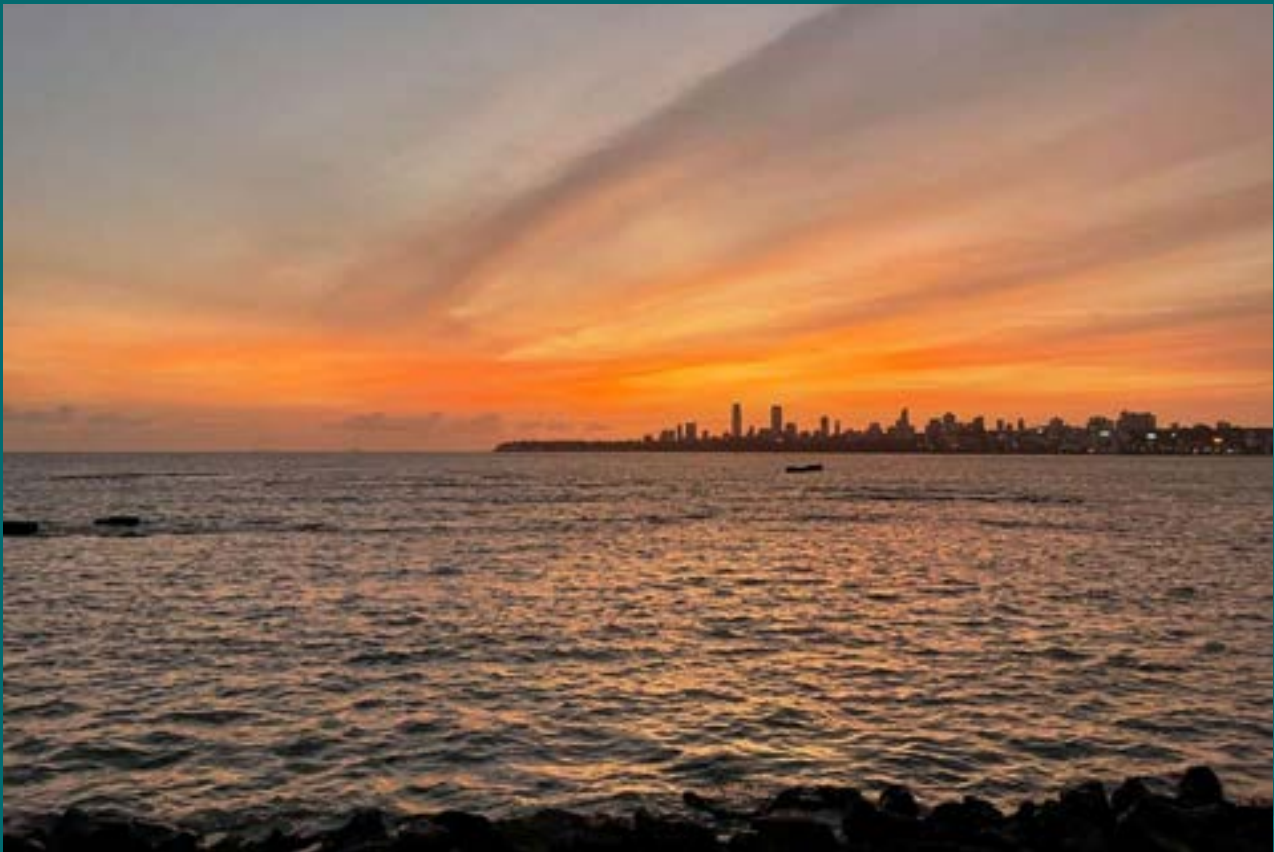
Pranav Dani TE - IT



Mahek Karia SE - IT



Shreya Bagade FE - IT



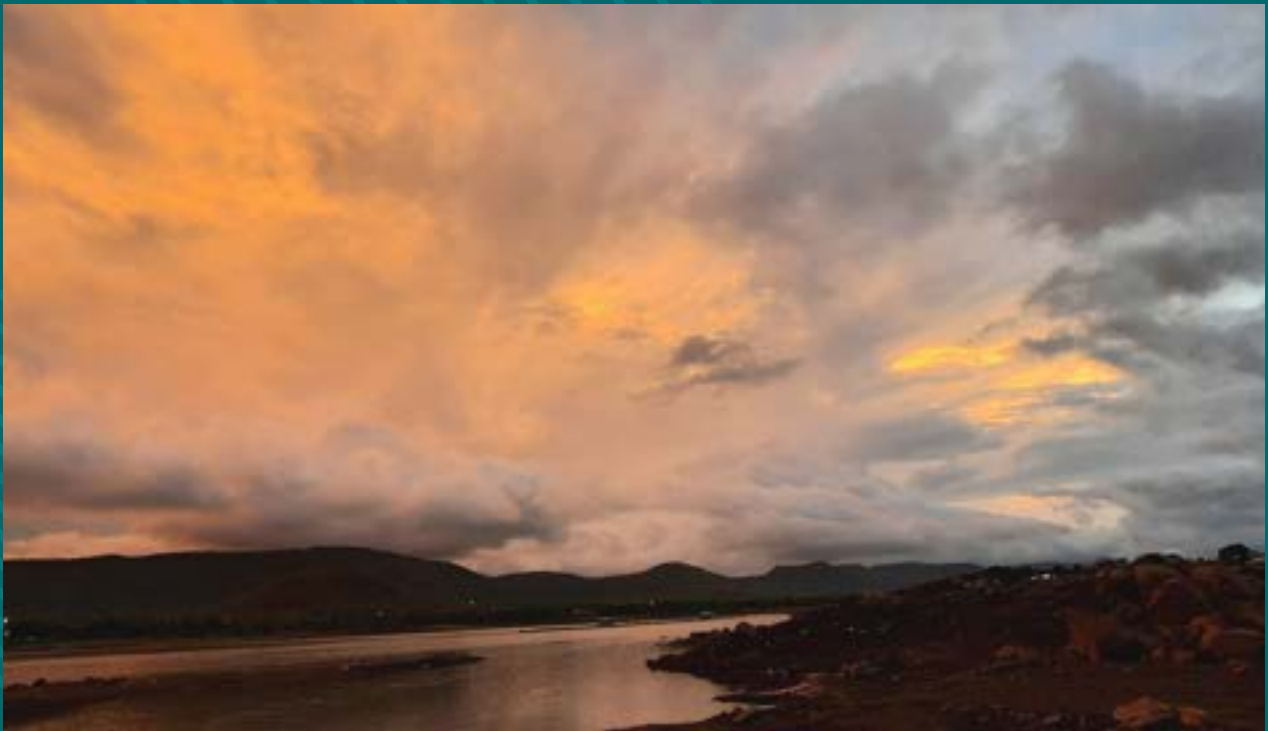
Shreya Bagade FE - IT



Shreyans Nawlakha SE-IT



Parinda Pranami TE - IT



Nidhish Chhajer TE - IT



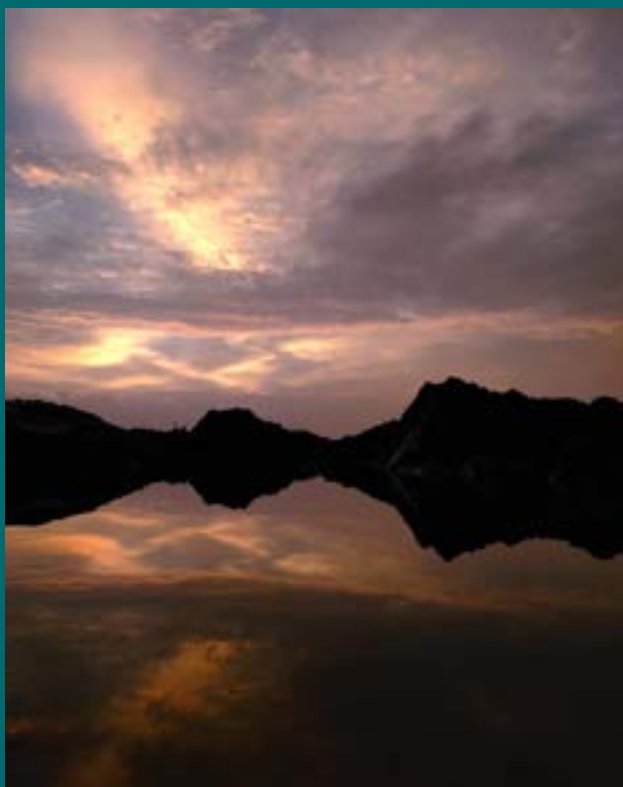
Madhur Rajpal SE - IT



Pranav Dani TE - IT



Karan Chopra SE-IT



Shreyans Nawlakha SE-IT



Aditi Patil SE - IT



Dr. Shanthi Therese



Dr. Shanthi Therese



Rohit Vaswani SE-IT



Rohit Vaswani SE-IT



Rohit Vaswani SE-IT



Dr. Arun Kulkarni



Madhur Rajpal SE - IT



Aditi Patil
SE - IT



Jason D'souza
SE - IT

Aditi Patil
SE - IT



Shreya Kamath
FE - IT



Arush Karekar
FE - IT



Sairaj Dalvi
FE - IT

Rohit Vaswani
SE - IT



E - IT

॥ गीता ॥

गीतैव पुस्तिकेवाऽवान्य तासां विशेषमस्ति किम्।
गीतायां प्रभुदर्शनं मनसश्चानुशासनं ॥ १ ॥

ज्ञानं कृष्णस्तु यच्छति पितारूपं कदा कदा ।
विभिन्नाः योगविद्याश्च योगेश्वरस्तु यच्छति ॥ २ ॥

अथस्सा पुस्तिकारूपे विशेषाऽपि तु देवता ।
योगेश्वरं नमाम्यहं गीतकारं महाकविम् ॥ ३ ॥

-मानव दवे
(FE IT)

Life : The Uncertain Fantasy

A person happy in her own little world,
Dreams.

Fantasized when I was a kid,
Wanna live them.

Don't wanna be a 30-year-old depresso
Wanna have regrets, but not dwell on them.
Wanna make memories, save them in photographs and watch
sunsets, pretty skies.
With close ones by my side. Again when am 70.

But life is not a fantasy,
So the ups and downs,
The rights and wrongs. Will accept and explore,
Cause "some things are just meant to be."

Exploring and experiencing,
Won't stuck,
Cause stuck ships
Never made it to the shore.

And will have stories to tell,
Not stuff to show. Will go through.
And will grow, And went through what I was supposed to!

-Sarah Khan
(FE IT)

जिंदगी से लड़

जिंदगी की इस इम्तिहान में
थक मत मेरे यार
सब मुम्तिल सिलइकर
जाना है तुझे मंजिल के पार

जिंदगी ब जगराए तुझे
उठ, हो खड़ा दे पलटवार बार-बार
जब तक जिंदगी खुद ना बोले
रुक जा यार, मैं मान गयी हार

याद रख, सबकी जीत के पीछे
होती है कोई -ना-कोई हार
उस हार को बना अपना हथियार
और आने वाले मुश्किल पर कर जोरदार वार

जो चाहा है सब पाएगा
बस कोशिश कर बार-बार, लगातार, कई बार
जिंदगी की इस इम्तिहान में
थक मत मेरे यार

- स्वप्निल विश्वकर्मा
(SE IT)

We in our Late Teens

Planning my day you'll see me amble,
Procrastinating things, my future I gamble?

More in realms of imagination,
Than being in reality,
Living with procrastination;
Every task; my cup of tea.

Some doing better than me some not;
I am doing my best, that's it, a lot!

For the friends you'll find the real ones I say,
When with them; forget about the day.

The best part I think is; mistakes realized but ready to err again,
Remember, life teaches you something; nothing goes in vain.

Now this is weird I think for sure,
Day-night I think of her; you know any cure?

Would make teleportation real; thought as a bairn!
Yes I made it to the realms of imagination, I knew I can.

A bundle of assignments, a heap of tasks;
Under a heavy pressure for sure we are.

But its all about the way we perceive,
How we perceive that's how we receive!

Diamond too is formed under immense pressure,
The only thing you need is the calmness' treasure.

-Manav Dave
(FE IT)

Voyage

The crust is shaking .
Life is leaving .
The circle is completing.

Hurry you soul , he is watching.
They who owns the crust are craving.
The five elements are combining.

Hurry you soul , you are going to be something.
Time is not your friend neither enemy its showing you something.
All forces all are making sence to you now.

Hurry soul ,he is waiting .
Your job is done here.
Leave to the place where who are him.
You have played your part well.

-Harsh Sharma
(FE IT)

Our Team



Dr. Shanthi Therese
Faculty In-Charge



Prof. Kumkum Saxena
Faculty In-Charge



Rohit Vaswani
Designer



Mahek Karia
Designer



Siddhi Save
Designer



Shreyans Nawlakha
Editor



Siddh Shah
Editor



Ronit Malhotra
Editor



Shreya Kamath
Editor



Rudrani Chavarkar
Editor



Meetali Kapse
Editor



"ALL BIRDS FIND SHELTER DURING A RAIN, BUT EAGLE AVOIDS RAIN BY FLYING ABOVE THE CLOUDS.



**PROBLEMS ARE COMMON.
BUT ATTITUDE MAKES THE DIFFERENCE."**

-A. P. J. Abdul Kalam









