

# THADOMAL SHAHANI ENGINEERING COLLEGE 2026-27

## ADMISSION PROSPECTUS



For Admission to  
First Year of  
Engineering



ACADEMIC  
EXCELLENCE



INNOVATION  
& RESEARCH



INDUSTRY  
COLLABORATION



HOLISTIC  
DEVELOPMENT



NBA & NAAC  
ACCREDITED



EXPERIENCED  
FACULTY



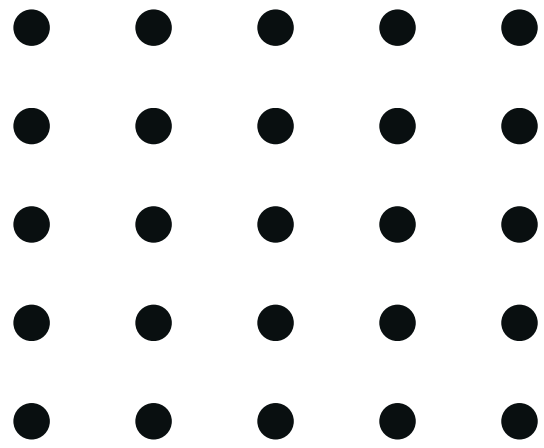
MODERN  
INFRASTRUCTURE

SHAPING  
ENGINEERS.  
BUILDING  
TOMORROW.



[www.tsecadmission.org](http://www.tsecadmission.org)

# CONTENT



**01. FROM THE DESK OF THE PRINCIPAL**

**02. OUR TRUSTEES**

**03. GOVERNING BOARD MEMBERS**

**04. INSTITUTE RANKINGS**

**05. VISION AND MISSION OF INSTITUTE**

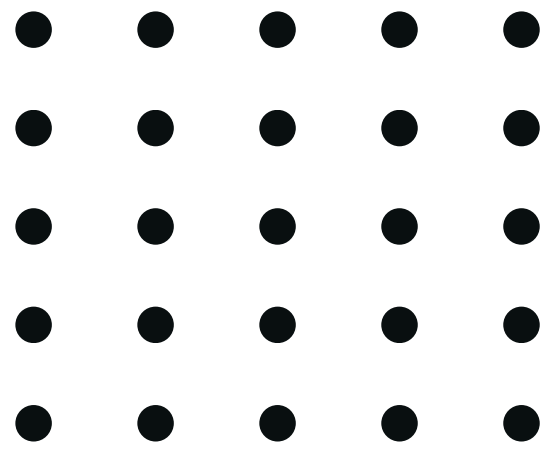
**06. LIFE AT TSEC**

**07. PLACEMENT & INTERNSHIP**

**08. DEPARTMENTS**

**09. ALUMNI SPEAKS**

# COMMITTEE



**10. SCHOLARSHIP & FINANCIAL SUPPORT**

**11. INSTITUTE DISTINCTIVENESS & BEST PRACTICES**

**12. EXPECTATION OF INDUSTRY FROM HIGHER EDUCATIONAL INSTITUTES**

**13. EXCELLENCE OF RESEARCH**

**14. CONTINUING EDUCATION PROGRAM**

**15. FEES FOR A.Y 2025-26 & A.Y 2026-27**

**16. ADMISSION DETAILS**



## From the Desk of the Principal

“

**DR. G. T. THAMPI**

It is with immense pride and a deep sense of fulfillment that I present this year's edition of our college admission brochure. As I reflect on the past academic year, it is evident that our institute is no longer just a place of learning—it is a thriving ecosystem fuelled by a virtuous cycle of excellence.

This cycle begins with the trust placed in us by the finest young minds, evidenced by our record-high learner enrolments. However, numbers are merely a starting point. The true magic happens through the productive engagement of our pupils, mentored tirelessly by our dedicated faculty and industry partners. This synergy has directly resulted in stellar outcomes: our students are either being handpicked for premier campus placements or securing admissions into the world's most prestigious global universities.

Validation of our commitment to quality has also come from the National Board of Accreditation (NBA), which has formally accredited all our departments. This "gold standard" recognizes that our pedagogical processes meet the highest international benchmarks.

Looking ahead, the horizon for our graduates has never been more expansive. We are entering an era where the traditional corporate ladder is being reimagined. Today, the dream of becoming a "one-man billionaire" is a tangible reality. By leveraging Agentic AI solutions, a single enterprising graduate can now offer scalable, high-impact services to millions of global enterprises.

Furthermore, as global demographics shift, the realm of Mobile Robotics offers a frontier of purpose-driven innovation. Whether it is creating assistive technologies for aging populations or automated solutions for diverse social needs, the opportunities to blend technology with empathy are boundless.

# "Engineering Beyond IIT - 2026" -Special feature in "THE WEEK"



## THADOMAL SHAHANI ENGINEERING COLLEGE, MUMBAI

*Empowering Future Engineers: Small Language Models and Agentic AI*

**Q:** What core AI competencies does Thadomal Shahani Engineering College offer?

**A:** Thadomal Shahani Engineering College (TSEC), Mumbai, is renowned for its comprehensive AI curriculum, supported by experienced faculty and active research groups. Students gain hands-on exposure to Machine Learning, Natural Language Processing, and Autonomous Systems through well-structured courses and practical labs.

**Q:** How are small language models and agentic AI integrated into student learning and projects?

**A:** The college encourages students to explore Small Language Models (SLMs) and Agentic AI through innovative projects and competitions. Examples include developing small language models for Ecommerce and Governances by multitude of Government agencies and creating autonomous agentic AI systems for various use cases & work flows, allowing students to apply cutting-edge technology to real-world problems.

**Q:** What processes help cultivate students' intellectual, emotional, and spiritual quotients?

**A:** Thadomal Shahani Engineering College emphasises holistic development by offering workshops on emotional intelligence, mentorship programmes, and sessions on ethical AI. These initiatives nurture critical thinking, resilience, and a strong sense of purpose among students.

**Q:** How do these competencies and processes impact campus placements?

**A:** Graduates from the college consistently achieve impressive placement outcomes, thanks to their expertise in AI and well-rounded personal growth. Employers value the blend of technical proficiency, emotional maturity, and ethical awareness, resulting in enviable placement records year after year.

**Q:** In what ways do these technologies enable autonomous solutions across different use cases?

**A:** By combining Small Language Models (SLMs) and Agentic AI, engineers can build systems that operate on their own. Examples include automated customer support, intelligent manufacturing, and self-monitoring devices. These solutions boost productivity and reduce manual intervention.

**Q:** What should aspiring engineers know about deploying these technologies?

**A:** Deployment requires careful planning. Engineers must consider scalability, security, and ethical use. Testing in real-world environments and ongoing monitoring are key to ensuring reliable and safe performance.

# OUR TRUSTEES



**Dr. Niranjan Hiranandani**  
**President & Trustee**



**Mr. Anil Harish**  
**Immediate Past**  
**President & Trustee**



**Mr. Kishu Mansukhani**  
**Former President & Trustee**



**Mr. Sham Chellaram**  
**Trustee**



**Dr. Maya Shahani**  
**Trustee**



**Principal Dinesh**  
**Panjwani**  
**Secretary**

# GOVERNING BOARD MEMBERS

**01 Dr. Niranjan Hiranandani**  
Chairperson of Board of Governors - President & Trustee, HSNC BOARD

**02 Mr. Kishu Mansukhani**  
Trust Nominee - Trustee, HSNC BOARD

**03 Dr. Maya Shahani**  
Trust Nominee - Trustee, HSNC BOARD

**04 Mr. Anil Harish**  
Industrialist/Educationist/Technologist- Trustee, HSNC BOARD

**05 Dr. Kavina Mansukhani**  
Industrialist/Educationist/Technologist- Board Member, HSNC BOARD

**06 Mr. Ashutosh Vaidya**  
Industrialist/Educationist/Technologist- Board Member, HSNC BOARD

**07 Mr. Avinash Gondal**  
Industrialist/Educationist/Technologist-I/C Principal Watumull Institute

**08 Dr. Akhil Shahani**  
Industrialist/Educationist/Technologist-Member, HSNC Board Executive Committee

**09 Dr. Satish Wagh**  
Industrialist-Chairman & MD Supriya Lifesciences Ltd.

**10 Nominee of the Affiliating University**

**11 Nominee of the State Government/UT**



# GOVERNING BOARD MEMBERS

**12** **Nominee of the State Government/UT**  
Industrialist/Educationist/Technologist from the Region

**13** **Dr. Madhuri Rao**  
Professor TSEC

**14** **Dr. Monica G. Tolani**  
Assistant Professor TSEC

**15** **Dr. G. T. Thampi**  
Member Secretary of Board of Governors, Principal TSEC



# INSTITUTE RANKINGS



All UG courses NBA accredited



B++ Grade in NAAC



Ranked 14th in Placement in all India by Times Engineering Survey 2025.



Ranked 41st Rank in all India Top Engineering Colleges by Times Engineering Survey 2025.



Ranked 02nd in Top Engineering Colleges In Mumbai by Times Engineering Survey 2024.



Recognized as Leading AI & Machine Learning Institutes for 2024 for our commitment to excellence in education, research, and innovation in the ever-evolving domains of AI and Machine Learning.



TSEC has secured All India Rank of 22nd among 2000+ colleges participating in Annual Rankings for the year 2024 of Internshala



Dr. G. T. Thampi, Principal, TSEC was presented with Best Principal Award at CSI-E-TechNext 2024



TSEC is rated as a Sustainable Institutions of India within the Gold Band, in the Green Rankings 2024 by R. the World Institutional Ranking



"Gold Band in The Outcome based Education Rankings 2024 and is positioned as "The Premier Institution for Academic Excellence", in India

# VISION

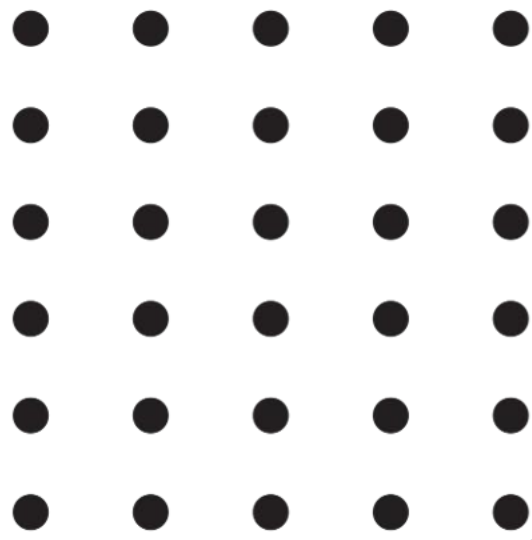
## **Perpetuating and transcending the process of**

- Contributing to evolving supply chain of human capital for National Economy.
- Creating entrepreneurs and 'game changers' to support heightened level of economic activities underpinning ever increasing human aspiration.
- Helping the nation evolve as a total solution provider.
- Value and wealth creation for the mankind.

# MISSION

## **Focusing and practicing**

- Product and processes innovation.
- Leveraging human cognitive and behavioural science for creating instructional content.
- Pervasive and ubiquitous information Communication Technologies for customized content for learning.
- Acknowledge and facilitate various learning styles and learning abilities.
- Migrating from teaching paradigm to learning paradigm.
- Every day discourse shall inculcate research culture and further the cause of societal advancement.
- Understand various markets and cultures.
- Collaborative learning and emotional integrity.
- Sensitizing about opportunities in energy Education Environment and Health care sectors.
- Extensively promoting computer aided design, analysis and manufacturing procedures.
- Theoretical rigor to develop conceptual clarity.
- Modelling and design of experiments to include culture of investigation.
- Creating foot print on project management and collaborative human endeavour.
- Interdisciplinary studies and exposure to functional areas



# LIFE AT TSEC



# SMART INDIA HACKATHON 2025 WINNERS



# INDUSTRIAL VISIT



# SPORTS



# SPORTS



# MARATHON



# CULTURAL



# MARATHON



# CULTURAL



# SOCIAL OUTREACH



# SOCIAL OUTREACH



# COMMITTEES





Developer Student Clubs

Thadomal Shahani Engineering College



**ELECTROVERSE.COMM**



**CODETANTRA**



**TSEC  
INSTITUTION'S  
INNOVATION  
COUNCIL**

# TOP PLACEMENTS IN LAST 5 YEARS



**MR. ARYAN NAYAK**

**1 Crore 17 Lakh**

**( Amazon-UK )**



**MR. MIHIR PAGHDAL**

**55 Lakh**

**( Deutsche Bank Berlin )**



**MR. PRATIK KUNDNANI**

**45 Lakh**

**( Trilogy )**

# TOP PLACEMENTS IN LAST 5 YEARS



**ANAS KHAN**

**41 LPA**

SKM Air Conditioning LLC



**AARYAMONVIKRAM SINGH**

**37 LPA**

MOHAMED BIN ZAYED UNIVERSITY OF  
ARTIFICIAL INTELLIGENCE



# TOP PLACEMENTS IN LAST 5 YEARS



**MR. HRITIK SHARMA**  
**35 LPA**



**MS. KASHITA TALREJA**  
**32.25 LPA**

**( PHONE-PE )**



**TOP PLACEMENTS IN LAST 5 YEARS**

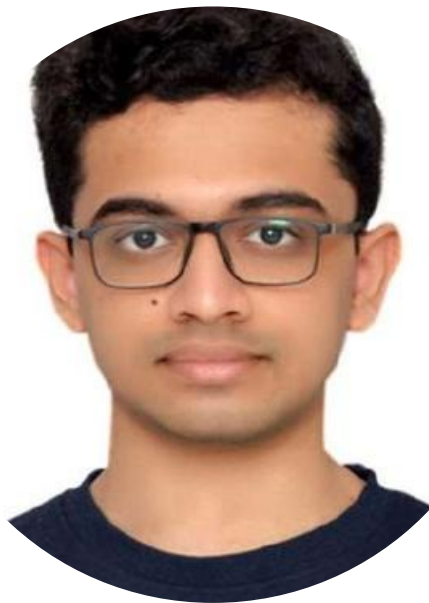
# **AMAZON INDIA SELECTS- 32 LPA**



**SHAGUN LAMBA**



**POORNARTHA  
SAWANT**



**ARCHIT SHINDE**

**TOP PLACEMENTS IN LAST 5 YEARS**

# **AMAZON INDIA SELECTS- 32 LPA**



**AHMED KHAN**



**ROHIT UDASI**



**VANSHIKA MATOO**

# TOP PLACEMENTS IN LAST 5 YEARS

## MYNTRA INDIA SELECTS- 32 LPA



**ANUSHKA  
BHAGCHANDANI**



**SAILEE  
SALGAONKAR**



**JAHNVI  
THAKKAR**

## HackerRank- 27 LPA



**ANAS KHAN**

# TOP RECRUITERS

 **Aker**Solutions

  
**RBL**BANK

 **ICICI** Securities

 **Interactive**  
Brokers

  
**EY**

 **Bill**Desk

  
**TATA** POWER

**VOLTAS**

 **SUGAR**  
**BOX**

 **MAERSK**  
TANKERS

  
**Perkin**Elmer

 **BNP** PARIBAS

**amazon.in**  


  
**Deutsche** Bank

**ORACLE**

# TOP RECRUITERS



# TOP RECRUITERS

JPMORGAN CHASE & CO.



accenture

LTI

Let's Solve

Capgemini



BrowserStack

Worley  
energy | chemicals | resources



UBS

Goldman  
Sachs



TATA

TATA POWER



T.EN

TECHNIP  
ENERGIES

iCICI Lombard  
— GENERAL INSURANCE —

PYRAMID E&C



ACIES

Tech  
Mahindra

# TOP RECRUITERS



# TOP RECRUITERS

**SECLORE**



**here**

**Ganit**  
data speaks



**LQ**



**affinity**  
An ad tech company.



# Internship-Industry Collaboration & Commercial Project Engagement with Mumbai Metro

Thadomal Shahani Engineering College (TSEC) continues to strengthen its commitment towards experiential learning and industry integration through its collaboration with Maha Mumbai Metro Operation Corporation Ltd. This engagement has provided students with a unique opportunity to work on live commercial projects in the domains of software development, testing, and enterprise systems.

Under this initiative, two key projects—Commercial Operations System Project and Electric Billing System Project—have been undertaken, enabling students to gain hands-on exposure to real-time, large-scale public infrastructure systems. The projects are aligned with industry standards and involve critical aspects such as software development, application testing, system validation, documentation, and quality assurance practices.

Students working on the Commercial Project include Sayed Zeeshan Hyder, Hardik Agarwal, Ashmitsingh Rawat, Jay Sharma, Dhruv Singh, Nipun Shetty, Harsh Gangar, Atharva Jadhav, Anish Dharnidhar, and Tejas Pathak. Similarly, the Electric Billing Project team comprises Shreya Bhatia, Trisha Nadar, Tanisha Shewakramani, Siddhi Mehta, Khan Fahed Javed, Tullu Chinmay Milind, Ritojnan Mukherjee, Rishabh Jain, Durvesh Gawde, and Vedant Patil.

These projects have been carried out under structured academic mentorship and technical guidance, ensuring adherence to software engineering standards, quality assurance methodologies, and industry-relevant practices. The initiative has facilitated the effective translation of academic knowledge into practical, application-oriented solutions, particularly in the context of metro commercial operations and billing systems.

This collaboration has significantly enhanced students' learning outcomes by exposing them to real-world operational challenges, enterprise-level workflows, and professional expectations. It has also strengthened the institute's academic-industry linkage, contributing to skill development, employability, and innovation.

Through such initiatives, TSEC continues to provide its students with industry-relevant exposure, practical competence, and a strong foundation for professional excellence, preparing them to contribute effectively in complex technological environments.

# Internship-Industry Collaboration & Commercial Project Engagement with Mumbai Metro





# ARTIFICIAL INTELLIGENCE & DATA SCIENCE



# SALIENT FEATURES OF THE DEPARTMENT

01

Faculty Student Ratio: 1:20

02

Competitive Culture & Performance Excellence

03

Pioneering AI & DS Program with Strong Industry Alignment

04

Research-Driven & Experienced Faculty

05

Advanced Computing & AI Ecosystem

06

Future-Ready Learning with Emerging Technologies



**STAFF**

# LAB & INFRASTRUCTURE

INTELLIGENT ROBOTICS PROCESS  
AUTOMATION LABORATORY



WEB PROGRAMMING(COMPUTER)  
NETWORK LABORATORY

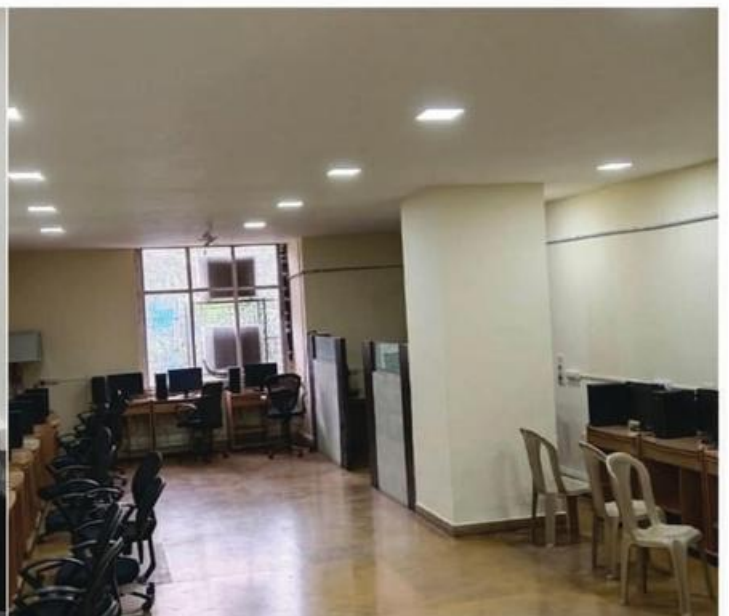
COMPUTER GRAPHICS/DATABASE  
TECHNOLOGIES LABORATORY

JAVA/.PYTHON PROGRAMMING AND  
DATA STRUCTURE LABORATORY

MINI PROJECT AND  
HARDWARE LABORATORY



COMPUTER GRAPHICS & DATABASE TECHNOLOGIES LABORATORY



# LAB & INFRASTRUCTURE



## PYTHON / JAVA PROGRAMMING LABORATORY



## DATA STRUCTURE LABORATORY



# LAB & INFRASTRUCTURE



**INTELLIGENT ROBOTICS PROCESS AUTOMATION LABORATORY**



**WEB COMPUTING / COMPUTER NETWORK LABORATORY**



# Center of Excellence AI Lab as a Service- Powered by Yotta



**THADOMAL SHAHANI ENGINEERING COLLEGE**



**DEPARTMENT OF ARTIFICIAL INTELLIGENCE & DATA SCIENCE**



Center of  
**EXCELLENCE**

***AI LAB AS A SERVICE  
POWERED BY YOTTA***



# Cybersecurity Center of Excellence Sponsored by DeepCytes Cyber Labs UK



# D.A.R.C LAB

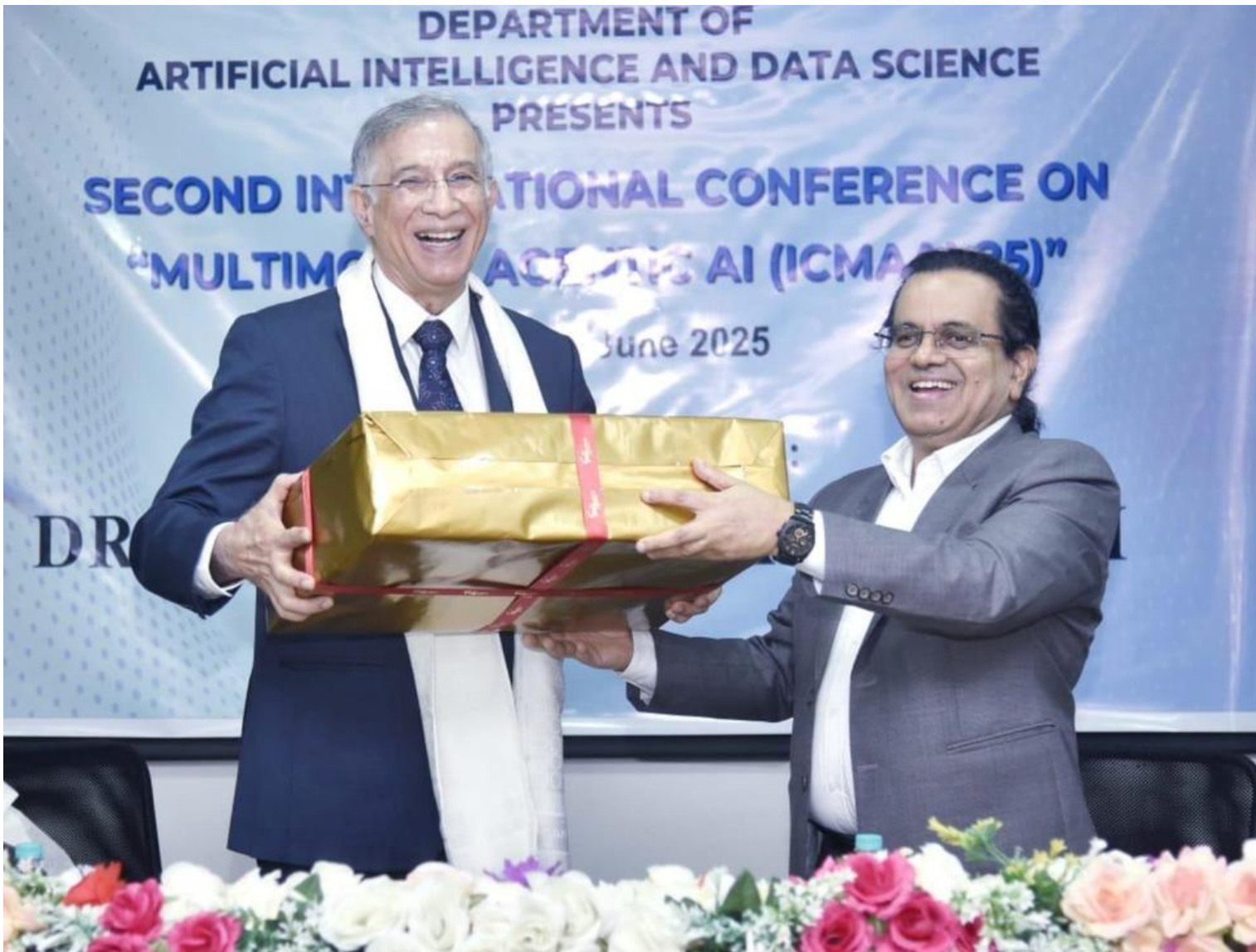
DeepCytes Advanced Research in Cybersecurity Lab



CyberSecurity Centre of Excellence  
Joint initiative by DeepCytes Cyber Labs UK  
& Thadomal Shahani Engineering College



# ACTIVITIES AT AI&DS DEPARTMENT



# ACTIVITIES AT AI&DS DEPARTMENT



# ACTIVITIES AT AI&DS DEPARTMENT



## SEMINAR ON SUSTAINABILITY GOALS & SURVIVAL OF HUMANITY



# ACTIVITIES AT AI&DS DEPARTMENT



## Thadomal Shahani Engineering College Department of Artificial Intelligence & Data Science

in association with Institute Innovation Council (IIC) & Internal Quality Assurance Cell (IQAC)

Organizes

**ISTE Approved One Week Short Term Training Program on  
'TensorFlow'**

05<sup>th</sup> January 2026 to 10<sup>th</sup> January 2026

Convener:

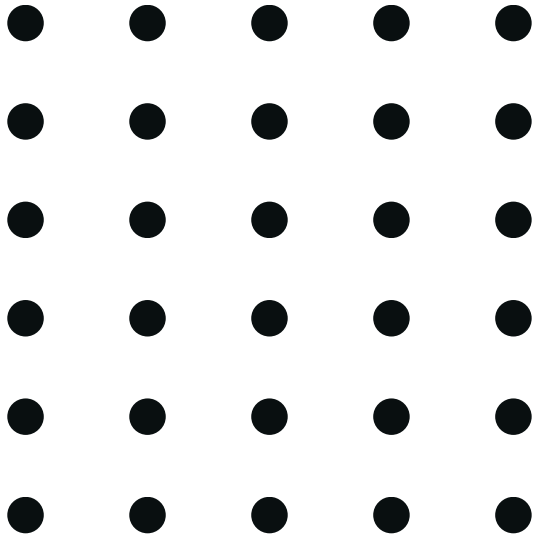
**Dr. G. T. Thampi**  
Principal, TSEC

Co-Convener:

**Dr. Madhuri Rao**  
Professor & HoD-AI&DS

Co-ordinator:

**Dr Monica G. Tolani**  
Assistant Professor-AI&DS



# ACTIVITIES AT AI&DS DEPARTMENT



## NEED FOR CODE 4.0



# ACTIVITIES AT AI&DS DEPARTMENT



## AUGENBLICK HACKATHON SPONSORED BY THE AUGENBLICK COMPANY



# ACTIVITIES AT AI&DS DEPARTMENT





# ACTIVITIES AT AI&DS DEPARTMENT



# ACTIVITIES AT AI&DS DEPARTMENT



# INTERACTIONS WITH INDUSTRY AND ACADEMIC EXPERTS



**DR. ARVIND ANKALIKAR**



**MR. ABHAY VALSANGKAR**

**AI VERSE  
SPEAKERS**



**PROF. AMIT K. NERURKAR**



**MR. DEEPAK WADHWANI**



**MR. DHARMENDRA PARMAR**



**MR. JATINKUMAR MODH**

**CYBERSECURITY  
SPEAKERS**



**MR. RAVI KUMAR**



**MR. VAIBHAV LAKHANI**

# STUDENT AWARDS & RECOGNITION



**Sohail S, Mohd Salif**

*CSI Minithon  
First Place*



**Sohail S, Arya, Mohd Salif, Kishan Wali**

*TSEC Hacks 2025  
2nd Runner Up*



# STUDENT AWARDS & RECOGNITION



TSEC

HSNC

**Saachi Kokate**  
**Sohail**  
**Rajsingh**  
**Dhruv**  
**Ashish**



**SIH 2025 - Finalists**

TSEC

HSNC

**Vedant Modhave, Shравan M**  
**Jatin G, Manas T**



**Hacksync 2026**  
**First Runner-up**



**Rubix 2025**  
**Consolation Win**



# STUDENT AWARDS & RECOGNITION



TSEC

HSC

## Junaid Shaikh



**VCET Hackathon 2025  
Winner**



**Spit Hackathon 2026  
Winner**



**TSEC HACKS 2026  
Winner**

TSEC

HSC

## Junaid Shaikh



**1st Place at Codeverse 3.0, organized by BVP  
(Vidyavardhini's Bhusaheb Vartak  
Polytechnic).**



**2nd place at  
HackTheFlame 2025  
at Vasantdada Patil  
Pratishthan's College  
of Engineering and  
Visual Arts  
(VPPCOEVA),  
Mumbai.**



**Won 1st Prize in  
Webathon 2.0 M.H Saboo  
Siddik College Of  
Engineering**



# STUDENT AWARDS & RECOGNITION



TSEC

HSSC

## Jayesh Ruchandani



Winners Odoo  
2025

## Yash kadam

CSI DEVHACKS  
2026  
FIRST RUNNER UP



# STUDENT AWARDS & RECOGNITION



TSEC

HSC



**Aryan Dalvi, Dhruv Jain, Purab Dansingani & Vivaan Balchandani**

**Runner Up Codessaince 2025**

TSEC

HSC



**Indrajeet Singh, Aditya Nayak & Maaz Porbandar**

**31st "Vidyasagar" Principal K.M. Kundnani and Barrister H.G. Advani Memorial Inter Collegiate Chess Tournament for Men and Women 2025-26.**



# STUDENT AWARDS & RECOGNITION



TSEC

HSC

## Vinit Lunia



**HackVision 2026  
First Runner Up**



**TSEC Hacks 2026  
First Runner Up**



# STUDENT AWARDS & RECOGNITION



Jayesh Ruchandani, Junai Shaikh, Tahab Poker & Shreyas Pansare

Internal Hackathon 2025

## Shreyas Pansare

TSEC Hacks 2026  
Second Runner  
Up



# STUDENT AWARDS & RECOGNITION



# OFFERED JOB ROLES

Data Scientist | AI Engineer | ML Engineer | Business Intelligence Developer | AI Data Analyst | NLP Engineer | Research Scientist | Big Data Engineer/ Architect | AI Software Engineers | Computer Vision Engineer | Data Engineer | Cloud Data Scientist | Software Engineer | Web & Mobile Developer

## STARTUP BY OUR STUDENTS

Company Name: **DHWL Technologies PVT LTD**

Members(Students' Names):

Dhawal Chaudhari

Pragati Jakhota

Kaustubh Mhatre

Manav Mangela



One more startup incorporation named - Vision X technologies is now registered

Goyam Jain

TSEC has been a great contributor to the development of my personality. I have not just established my leadership, management, and collaborative skills but also have been able to advance these skills. Our department conducted various activities every month, which strongly built our skills and collected a lot of achievements. Being the president of the department with the huge support of professors and students let me achieve my milestones. The placement cell provides a lot of training and development to achieve a good job, the 4-year AI&DS degree college opens the door to success and the faculty holds it for us, we enter through the door and achieve the fruit of success.

As the department topper of second-year artificial intelligence and data science, I am grateful for my department's incredible support and guidance. Throughout my academic journey, my professors and peers challenged me to push my boundaries and strive for excellence. Furthermore, my teachers also motivated me to be a part of various committees which helped me get used to an environment of collaboration and gain confidence.

## Beyond the Classroom

### From Lectures to Labs: AI&DS Unveiled

Fahad Charolia

I am thrilled to write a testimonial for the Department of Artificial Intelligence and Data Science at Thadomal Shahani Engineering College (TSEC) for the exceptional support they provided during my academic journey. Thanks to the rigorous curriculum and practical exposure, I gained a solid foundation in core engineering subjects, such as DSA and DBMS, which helped me secure an internship at Deutsche Bank, one of the most prestigious organizations in the banking industry. Additionally, the Department went above and beyond to help me develop my extracurricular activities. The Department's committee provided numerous opportunities to network and gain valuable experiences

Manjiri Khodke

The Artificial Intelligence and Data Science Department provided me with an opportunity to enhance my skill and enriched my knowledge. The department gave me a platform to showcase my skills by including me in extra-curricular activities like arranging Techfest including workshops on tech and other AI-related games and quizzes, which was indeed a huge success. I have also been able to be the part of department coding committee 'CodeTantra' as a junior committee member and due to this I have established my leadership, time management, and team skills.

**Dhruvi Rathod**

I attribute my success as a topper in the third year semester 5 in Artificial Intelligence and Data Science department to the support, encouragement, and guidance provided by the faculty and staff of the department. The professors in AI & DS department are extremely knowledgeable and passionate about their fields. They create a positive learning environment that encourages students to ask questions, share ideas, and explore new topics. In addition to the faculty, the department offers a range of resources and opportunities to enhance students' learning experiences. I am proud to have been a part of this department, and I am grateful to the department for providing such an outstanding educational experience

**Yash Tailor**

The Artificial intelligence and Data Science Department in TSEC is an interesting career path to choose from, having helpful faculty and amazing staff for students who can reach them out for any problems to be solved. With a wide range of research and field projects, the department offers an exciting opportunity for students to explore the world of AI, Machine learning & Data Science.

**Meet Khatri**

The department is very good with great teachers, and every teacher gives individual attention to the children to clear their doubts.

## Beyond the Classroom

### From Lectures to Labs: AI&DS Unveiled

**Manav Mangela**

The AI&DS department has provided me with a number of opportunities to grow and explore my skills. I have always found a positive and healthy environment and the faculty members are highly supportive. Most of my doubts were cleared after the lecture got over.

**Ishika Manghwani**

The AI&DS department is one of the latest departments in TSEC, despite this, it has proven to be one of the best. All the labs which come within the department are well maintained with all equipment's working properly. The complete staff that is all the teachers and the support staff is incredibly cooperative and interactive. The syllabus was completed in time with in-depth, interactive, and practical explanations for each topic.

**Varun Chavan**

The faculties here in the AI&DS department are good. They teach every concept very well and in detailed explanation is been given. The department faculties encourage you to participate in extra activities. They organize events such as Tech fests consisting of workshops and many more activities related to the AI and Machine Learning.

The Artificial Intelligence and Data Science department has helped me excel in my academic and professional pursuits. The department faculty has been instrumental in providing me with a strong foundation in technical concepts, which has helped me become a topper in my class. The teachers are highly knowledgeable and go above and beyond to ensure that students receive the best education and support. Apart from academics, the department has provided me with several opportunities to showcase my skills and compete in hackathons. I'm proud to say that I've won several of these competitions, and I owe much of my success to the training and support provided by my department. Through the college placement cell, I secured an internship at JP Morgan Chase & Co., a leading multinational investment bank and financial services company. My department played a crucial role in preparing me for the internship by providing me with the necessary technical skills and professional guidance. This opportunity has been a game-changer for me, and it wouldn't have been possible without the support of my department. In conclusion, I am extremely grateful for the education and opportunities provided by the Artificial Intelligence and Data Science department at TSEC. Their dedication to their students' success is unparalleled, and I feel privileged to be a student of this outstanding department.

## Beyond the Classroom

### From Lectures to Labs: AI&DS Unveiled

Vedant Kadam

As a student of AI & DS engineering, I have been amazed by the depth and breadth of knowledge that I have gained through this 4-year AI&DS program. From machine learning and deep learning to natural language processing and computer network, the program has equipped me with the tools and techniques needed to tackle some of the most complex challenges facing our society today. In addition to technical skills, the program has also helped me improve my soft skills, particularly in the areas of presentation and communication. Through various assignments, group projects, and presentations, I have had the opportunity to hone my ability to articulate complex concepts clearly and concisely. I have also learned how to effectively collaborate with my peers, manage my time, and handle feedback and criticism. Overall, I can confidently say that my AI & DS engineering program has helped me become a more well-rounded, confident, and capable professional. I am excited to continue exploring the frontiers of AI and DS, and I know that the skills I have gained through this program will serve me well in my future endeavors.

Tanvi Mehta

AI&DS department of TSEC consists of helpful teachers whose main aim is to impart knowledge to the students in an easy and understandable way.

## Vrinda Bundelkhandi

TSEC- is a place where you can find an amalgamation of learning, fun, culture, literature, and many life preaching activities with utmost support from our department HOD, lecturers as well as Principal sir. Students experience academic excellence with world-class infrastructure, excellent faculty is exceptional and teaching methodologies backed by practical skills and professional interface have given me the confidence to pursue my career ahead. The department encouraged students to explore and experiment, which allowed each student to find his/her niche of interest. The AI&DS course brought clarity of thought, knowledge, confidence, courage, and conviction to me and my goals in the era of the information and technological world. The department provides a great opportunity to increase students' knowledge beyond their field of studies through a competitive multicultural environment. The friendly temperament of the professors and their readiness to always offer assistance has made me feel like a family. Their words, teachings, and incredible support augmented my values in my life.

# Beyond the Classroom

## From Lectures to Labs: AI&DS Unveiled

Mrinmai Kadu

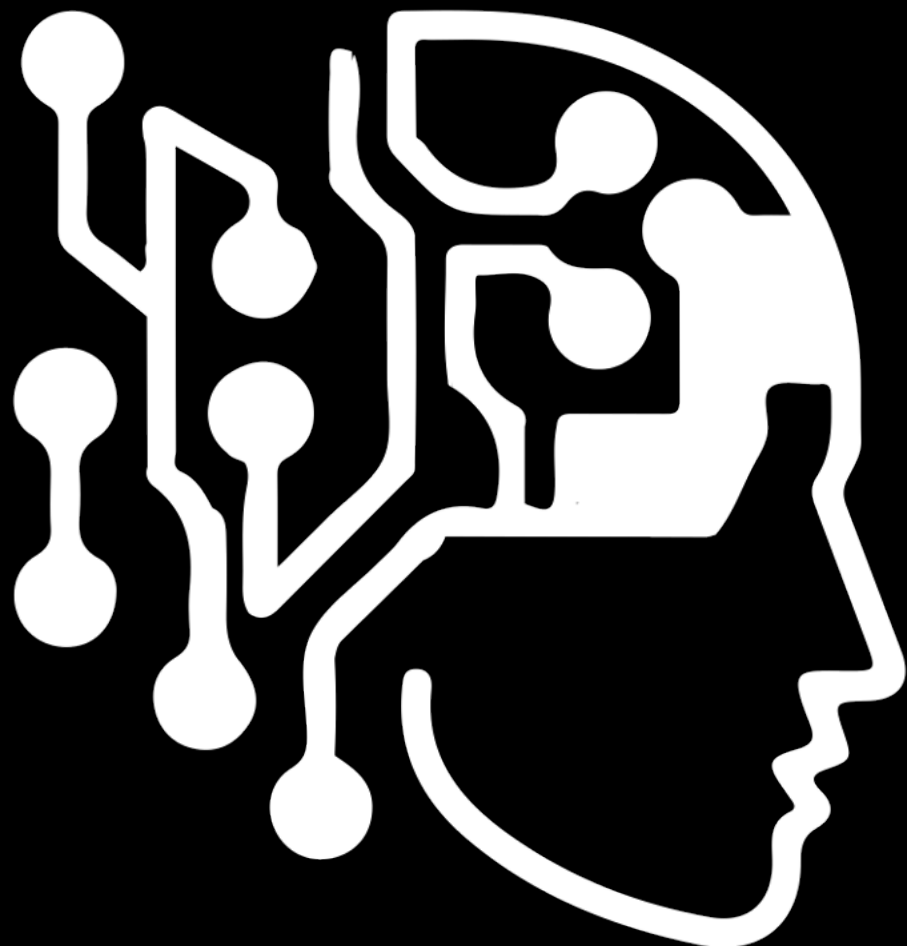
As a student in the Artificial Intelligence and Data Science department, I have had an exceptional learning experience. The professors in our department are experts in their respective fields, and their teaching style is highly engaging and thought-provoking. I never have to worry about my doubts as teachers are always available to offer guidance and support helping me achieve academic excellence. The facilities and resources provided by the College are top-notch. The labs are equipped with the latest software and hardware, allowing us to work on projects and gain practical experience in various areas through the means of Mini Projects. The unique thing I found in the department is how the strong network of industry partners provides us with valuable guidance in different fields including but not limited to cybersecurity, early start with ML, etc through weekly sessions. The department has not only helped me to develop my skills and knowledge but also provides me with many opportunities to grow overall.

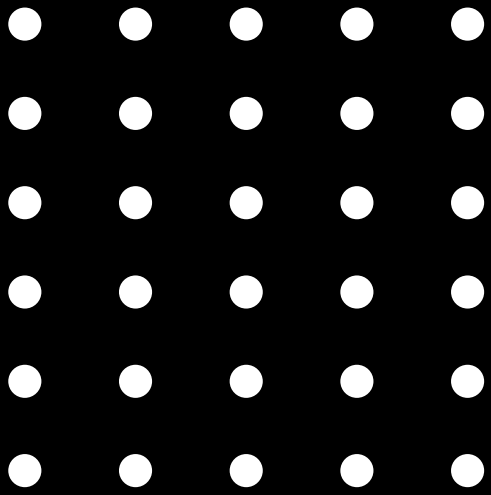
## Dipesh Todi

AI&DS Department - TSEC helps us to understand and shape our actions in order to achieve our goals. The faculty is very helpful and guide us in every possible manner. The experience and expertise of the teaching faculty is a cherry on the cake for all the students.

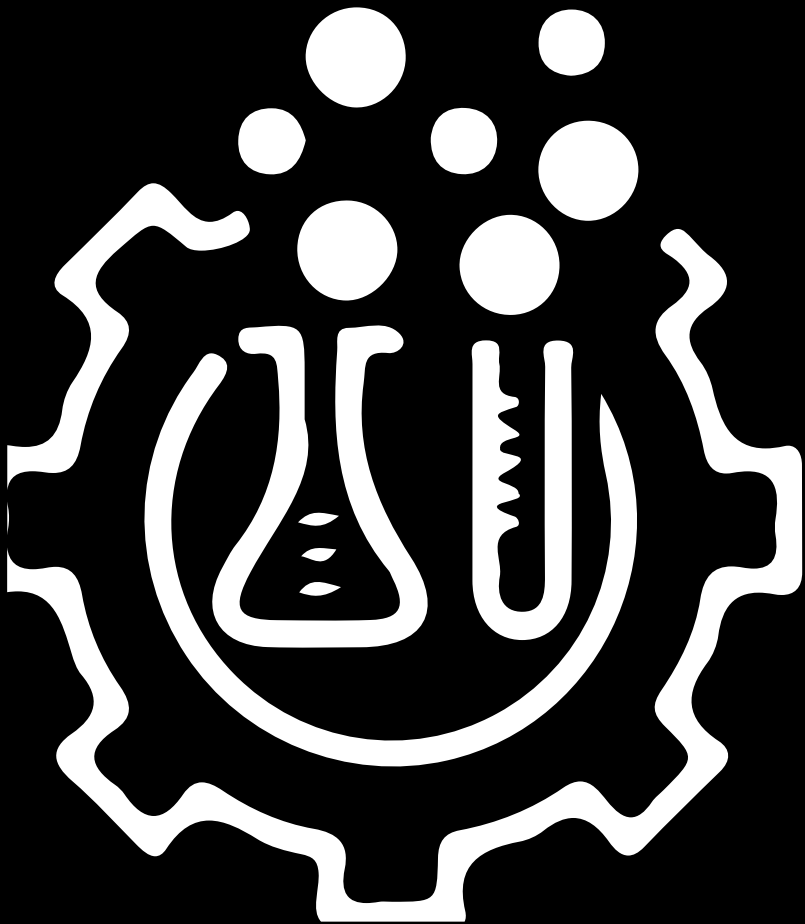
COMMITTEE AT THE DEPARTMENT

# CODETANTRA





# CHEMICAL ENGINEERING



# SALIENT FEATURES OF THE DEPARTMENT

01

NBA Accredited

02

Most sought after ICT for Chemical Engineering

03

Regular Interaction with Alumni and Industries through Seminars, Webinars, Workshops,

04

Unique Internship, Certification courses

05

Experienced and highly qualified Faculty, Trained non-teaching staff

06

Well-equipped laboratories and modern classrooms to facilitate hands-on learning and research.

07

Holistic Student Development

08

Strong Alumni Network providing mentorship, career opportunities, and industry insights.

09

Specialised certificate courses aligned with evolving industry trends & technological advancements.

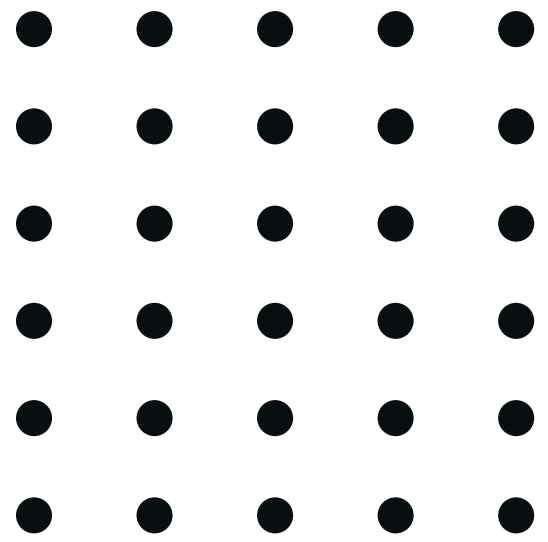
10

hands-on experience through internships at prestigious institutions such as IIT, BARC-BRIT, NFC, other government organisations, along with leading industries like Dow, Thyssenkrupp, NPCC, and more



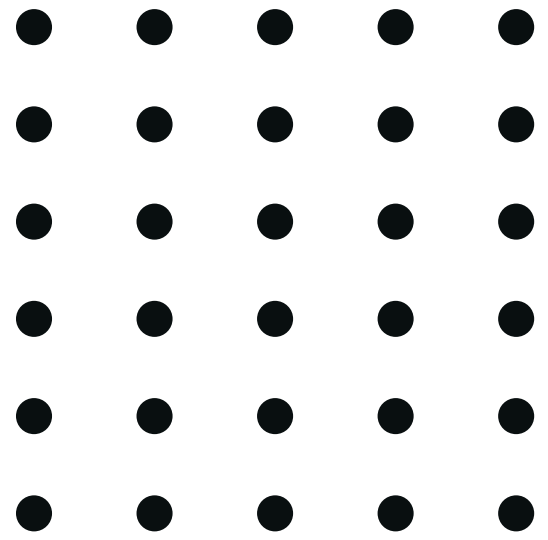
**STAFF**

# INDUSTRIAL VISIT



# ADANI THERMAL POWER STATION

# INDUSTRIAL VISIT



**AMUL DAIRY**

# STUDENT OUTREACH EXPO



**NSE COMPLEX  
GOREGAON**

# LAB & INFRASTRUCTURE

**CHEMICAL REACTION ENGINEERING LAB (CRE)**



**MASS TRANSFER OPERATION LAB (MTO)**

**PROCESS DYNAMICS & CONTROL LAB, FLUID FLOW OPERATIONS**

**SOLID FLUID MECHANICAL OPERATION & CHEMICAL TECHNOLOGY**

**BASIC CHEMICAL ENGINEERING & COMPUTER LAB**



**CHEMICAL REACTION ENGINEERING LAB (CRE)**



# LAB & INFRASTRUCTURE

CHEMICAL TECHNOLOGY LAB (CT)



MASS TRANSFER OPERATIONS LAB (MTO)



SOLID FLUID MECHANICAL OPERATION LAB (SFMO)



PROCESS DYNAMICS & CONTROL LAB (PDC)



FLUID FLOW OPERATIONS LAB (FFO)



BASIC CHEMICAL ENGINEERING LAB (BCE)



COMPUTER LABORATORY



HEAT TRANSFER OPERATIONS LAB (HTO)



# INTERACTIONS WITH INDUSTRY AND ACADEMIC EXPERTS







**TSEC Expert Lecture Series 2025-26 : SESSION 1**

## Global Opportunities in the Sustainability Sector

**DR. SACHIN JANGAM**  
Associate Professor at NUS Singapore  
Expert in Sustainable Energy and Environment




**28TH JULY 2025**  
**11:30 AM**  
 Venue: OB Seminar Hall

Convener : Dr. G.T. Thampi  
 Co-Convenor : Prof. Nita Mehta  
 Co-ordinators: Prof. Ravindra Joshi







**TSEC EXPERT LECTURE SERIES 2025-26: SESSION 2**

## Oil & Gas Operations

**MR. DHANANJAY VIBHANDIK**  
ONGC: RETRD. GROUP GENERAL MANAGER (INSTRUMENTATION)




**31ST JULY 2025**  
**11:15 A.M - 12:15 P.M**  
 Venue: OB - Room No 309

Convener : Dr. G.T. Thampi  
 Co-Convenor : Dr. Nita Mehta  
 Co-ordinator: Prof. Mannat Khanwani







## Introduction to EPC Sector

Mr.Parag Nikam, Project Manager, Accent Techno Solutions




**26th Feb, 2026**  
**1 to 2 pm**







IICHe-IIC presents

## Angel Investment/VC Funding Opportunity for Early-Stage Entrepreneurs

Offline Seminar

**DR. SANDESH KIRKIRE**  
Professor of Finance at JBIMS  
Director of Insight Technologies Pvt Ltd, Bajaj Finserv Asset Management Ltd and Total Transport Systems Ltd.




**29 JULY 2025**  
**11:00 AM-1:00 AM**  
 Venue: ROOM NO 309, OB







## BIOINFORMATICS & COMPUTER-AIDED DRUG DESIGN (CADD)

Online Certification Course

**Course Highlights**

- Introduction to Bioinformatics & Its Applications
- Databases
- Computer-Aided Drug Designing (CADD)



**22ND DEC 2025- 31ST DEC 2025**  
 3:30P.M.- 6:30P.M.  
 DURATION: 30 HOURS

**MS. SHARVARI KULKARNI**  
Global Speaker & CADD Expert  
CTO, BDG Lifesciences

Convener : Dr. G.T. Thampi  
 Co-Convenor : Dr. Nita Mehta  
 Co-ordinator: Dr. Praseeda Nambisan







## Process engineering Certification Course

**DR. RAMAKRISHNAN IYER**  
Professor Of-Practice  
Chem Engineering Dept  
TSEC




**01 ST DEC 2025**  
 DURATION: 100 HOURS

Convener : Dr. G.T. Thampi  
 Co-Convenor : Dr. Nita Mehta  
 Co-ordinator: Prof. R. R. Joshi

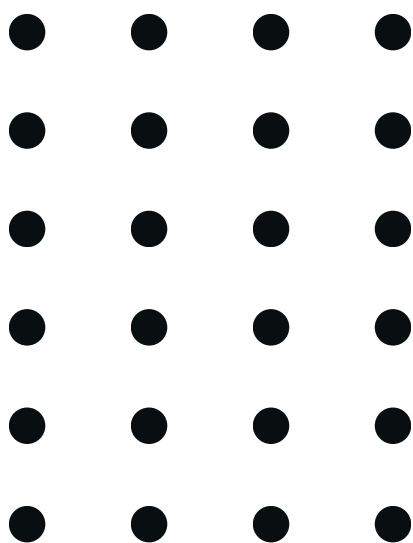
# STUDENT AWARDS & RECOGNITION



## N.R.KAMATH CHEMICAL QUIZ RUNNER UP



# ACTIVITIES AT CHEMICAL DEPARTMENT



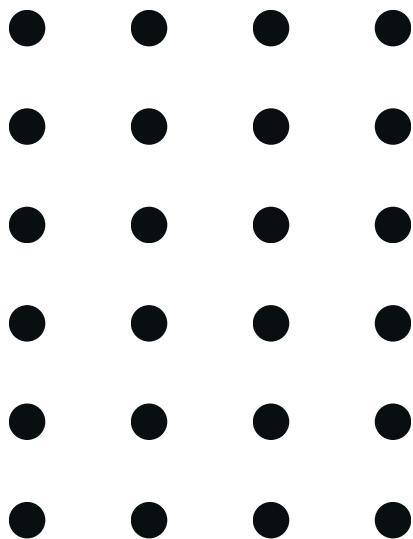
**Chem Trails**



# ACTIVITIES AT CHEMICAL DEPARTMENT



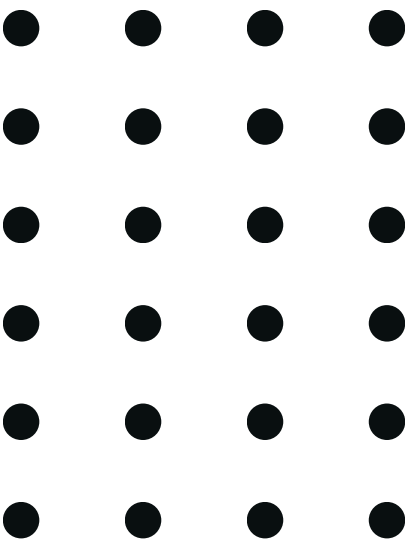
**Annual Technical  
Fest Chemergence  
2025-26**



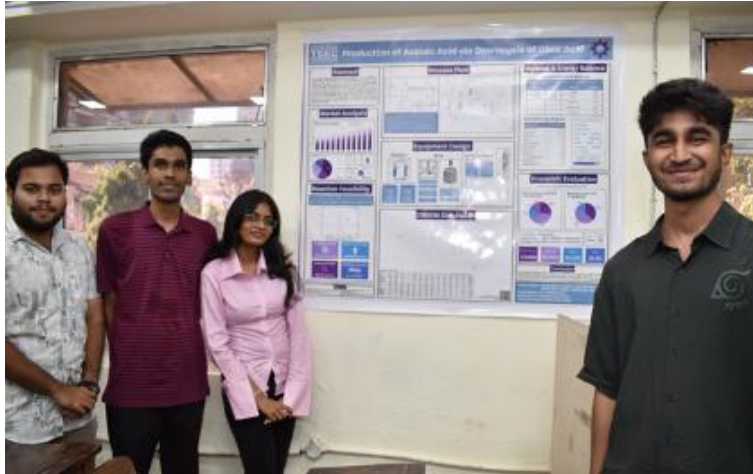
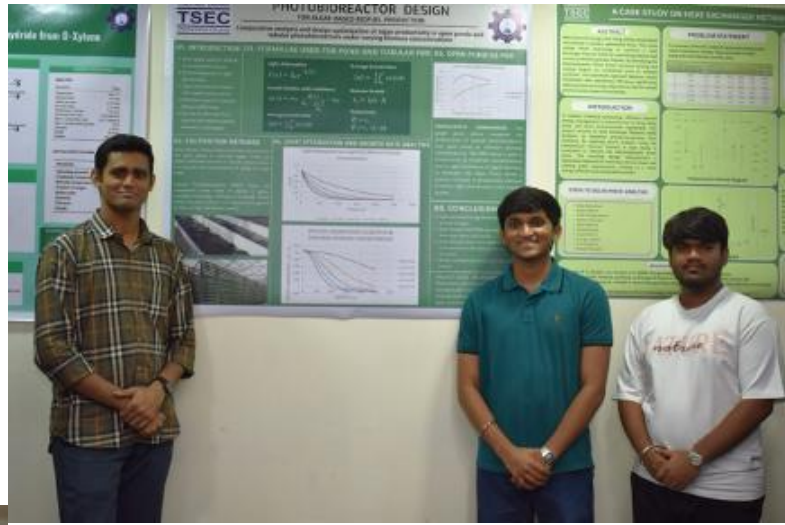
# ACTIVITIES AT CHEMICAL DEPARTMENT



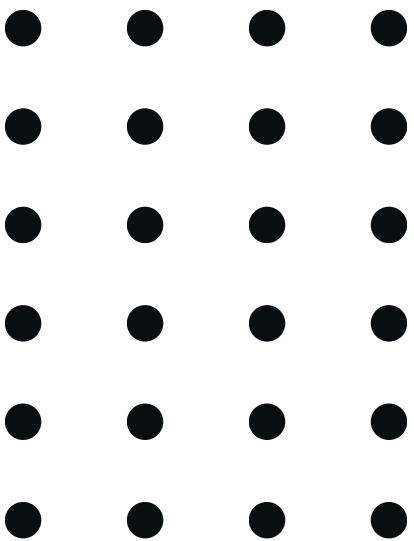
## Innovation Showcase



# ACTIVITIES AT CHEMICAL DEPARTMENT



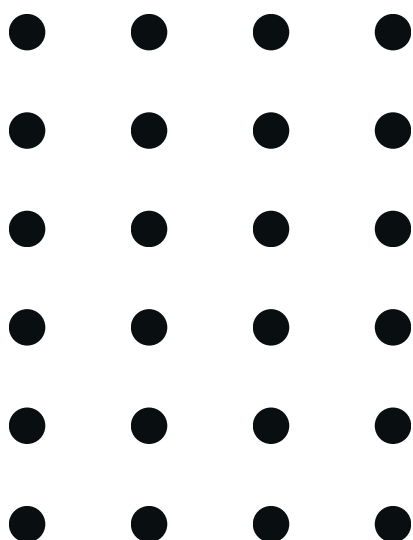
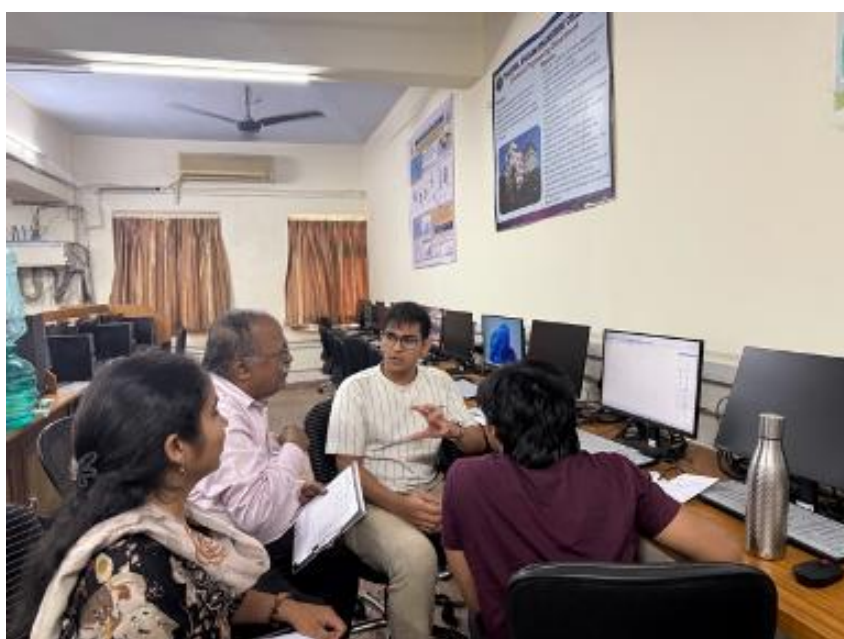
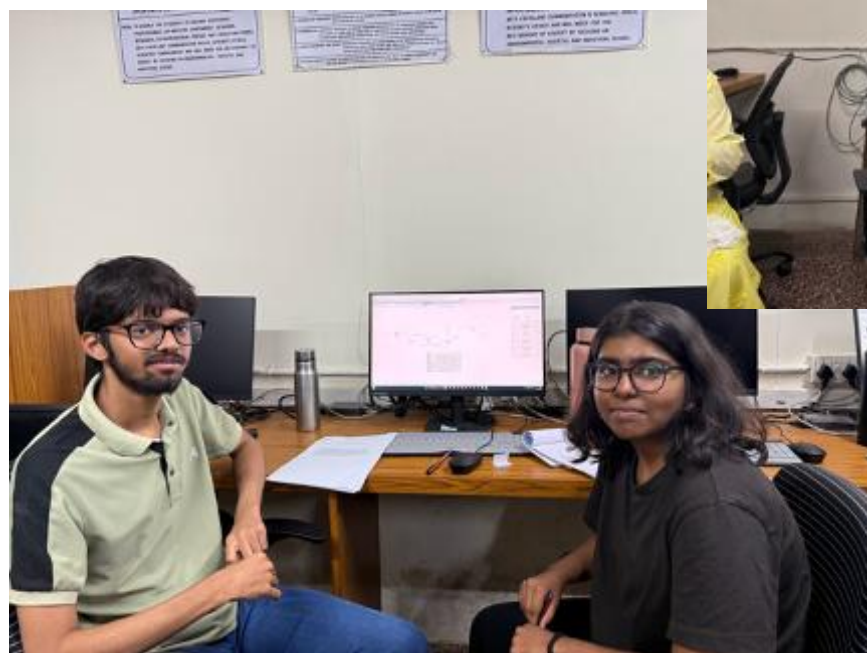
**Project Demo day**



# ACTIVITIES AT CHEMICAL DEPARTMENT



**. CHEM-E-THON  
( First Ever Simulation  
based Nation Level  
Hackathon)**



# ALUMNI TESTIMONIAL

I am incredibly grateful for the learning experience and opportunities provided by the Chemical Engineering department of the Thadomal Shahani Engineering College. The department faculty is highly qualified, ensuring a strong academic foundation in chemical engineering. In my personal experience, their dedication goes beyond the classroom, as they actively support students in career growth, mentorship, and professional development.

One of the most significant aspects of my education journey here has been the exposure to international platforms. Thanks to the college's encouragement and resources, I had the privilege to participate and win the international design competition held in the UAE, expanding my knowledge and networking with experts in the field. Additionally, my selection for an environmental education tour in Germany was a transformative experience that enriched my understanding of global sustainability practices.

The laboratories are well-equipped, providing hands-on experience with advanced experimental procedures. These facilities enable students to apply theoretical knowledge effectively. The college staff is professional, supportive, and always willing to assist students in their academic and personal endeavours. Their efforts contribute to a positive learning atmosphere, making the campus experience enriching.

The rigorous academic curriculum and hands-on experience provided me with a strong engineering foundation, allowing me to excel in the Process Engineering profession. Overall, the college has played a significant role in shaping my chemical engineering career, fostering my growth, and providing me with unparalleled opportunities. I am proud to be a part of this institution and sincerely appreciate the guidance and support I have received here.

“

**Vinay Parab**

**B.E. Chemical Engineering,  
Class of 2003**

**DGM, Energy Transition,  
Worley India**



# ALUMNI TESTIMONIAL

The Department of Chemical Engineering at TSEC stands out as an exceptional institution, excelling not only in academics but also in fostering confidence among budding engineers through a variety of rigorous programs. The faculty at TSEC is highly knowledgeable and attuned to the demands of the evolving competitive environment, ensuring that classes are thoughtfully designed and effectively delivered.

I am currently employed at Technip Energies as a Graduate Engineer Trainee. The guidance and mentorship provided by my professors played a vital role in helping me secure this placement through campus recruitment, further enabling me to cultivate and pursue my passion for the industry.

My advice to incoming students of the Chemical Engineering department of TSEC would be to actively engage in the diverse opportunities the department offers and to fully explore their potential. TSEC provides a dynamic platform, ranging from technical expos to committee-led events. Through these events, I have not only enhanced my technical and interpersonal skills but also emerged as a well-rounded professional.

“

**Yukta Vyas**

B.E. Chemical Engineering,  
Class of 2024

GET, Technip Energies



# ALUMNI TESTIMONIAL

“TSEC Chemical Engineering Department have a proactive faculty owing to the institution’s Vision and Mission, which is aligned to develop students with the ongoing industry via interaction opportunities with industrial professionals (e.g. quiz, external evaluations, etc).

Not only are the students encouraged to develop academically during their coursework, but also, they are encouraged to improvise on their skills to communicate ideas and work towards solutions effectively.”

“

**Karthik Sathanur**

**Current Company: NPCC  
Engineering Pvt. Ltd.**

**Designation: Process Safety  
Engineer**



# ALUMNI TESTIMONIAL

Pursuing my degree in Chemical Engineering at Thadomal Shahani Engineering College was a defining chapter in my academic and professional journey. The program offered a robust curriculum, which was supported by a dedicated faculty who were always willing to guide and mentor us beyond the classroom. The department not only gave me a strong technical foundation but also encouraged me to think critically and explore beyond the textbook. My time at TSEC not only shaped my technical skills but also instilled a sense of discipline, teamwork, and resilience. I am proud to be an alumnus of an institution that laid such a strong foundation for my career. Today, as I navigate my professional journey, I carry the confidence and clarity that TSEC helped me build. I thank the faculty and the Chemical Engineering Department for being an integral part of my journey.

“

**Bhargavi Lokapur**

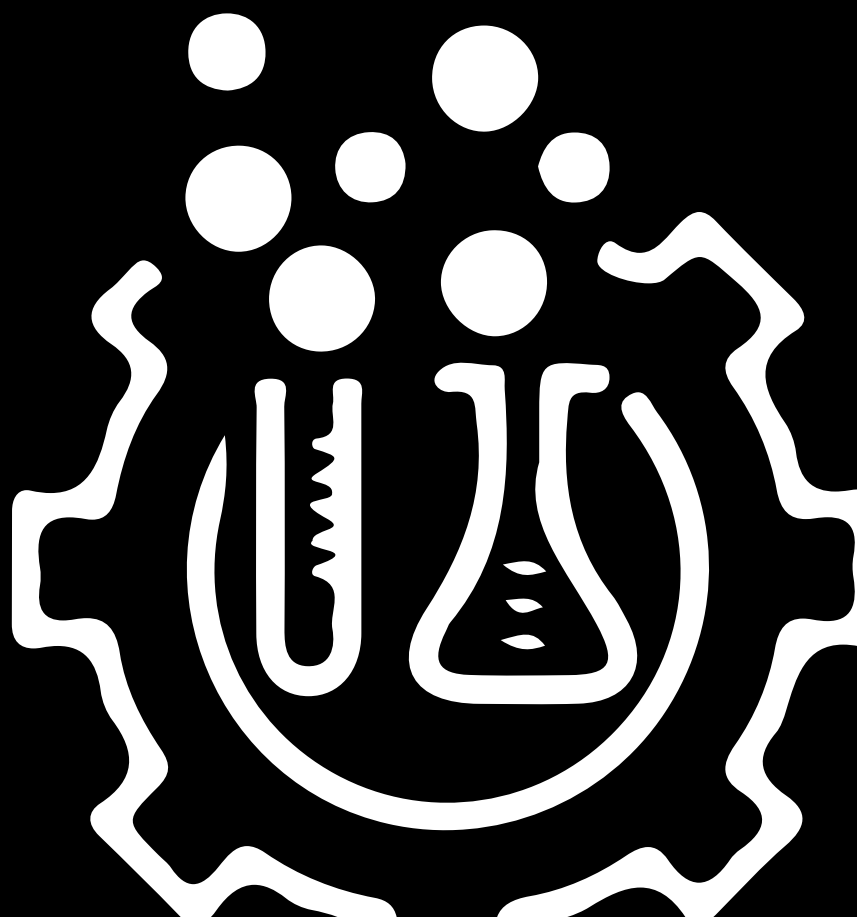
B.E. Chemical Engineering,  
Class of 2022

Process Engineer, Technip  
Energies



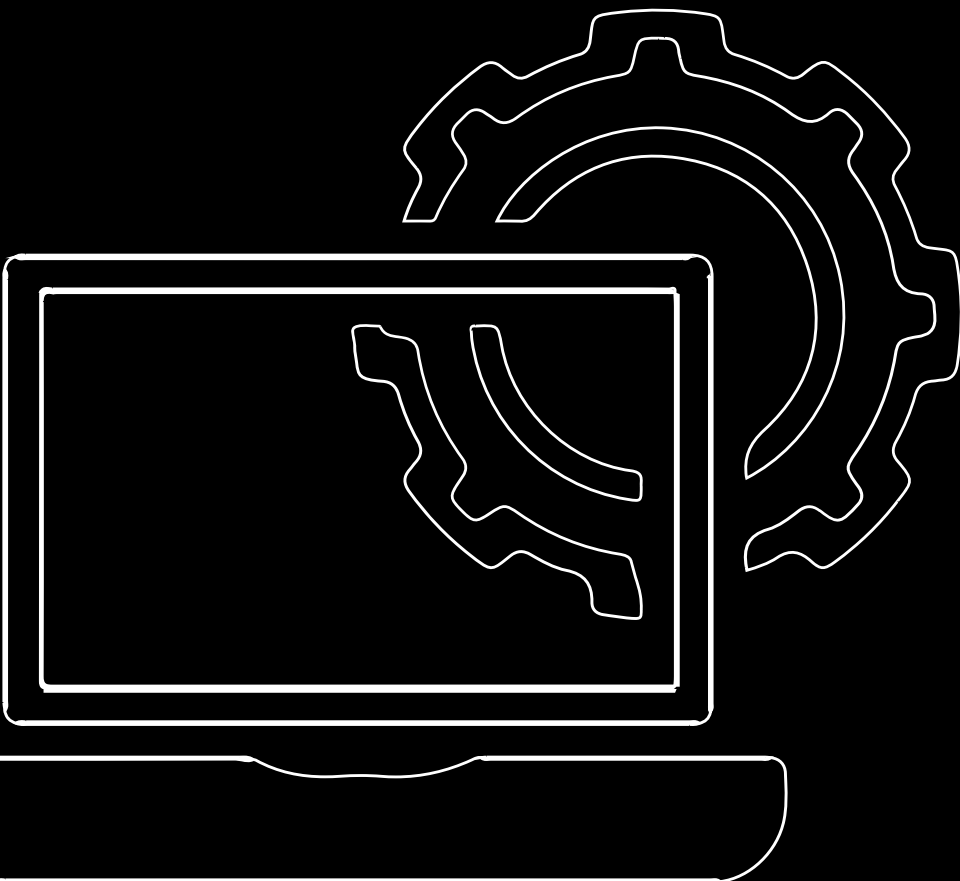
# COMMITTEE AT THE DEPARTMENT

## IICChE





# COMPUTER ENGINEERING



# SALIENT FEATURES OF THE DEPARTMENT

01

Permanent Affiliation by University of Mumbai, NBA Accredited

02

Highest Salary is 1 crore 17 lakhs

03

Faculty with an average experience of 15+ years. More than 41% faculties with Ph.D. Degree; 41% pursuing

04

Promote participation in intercollegiate competitions/festivals  
Centers of excellence

05

Ph.D. program with an enrolment capacity of 20

06

High ranking multiple times by various print media, Excellent social outreach programs



**STAFF**

# LAB & INFRASTRUCTURE

## MODERNIZATION OF MACHINE LEARNING LABORATORY



## DATA STRUCTURES AND ALGORITHMS LABORATORY

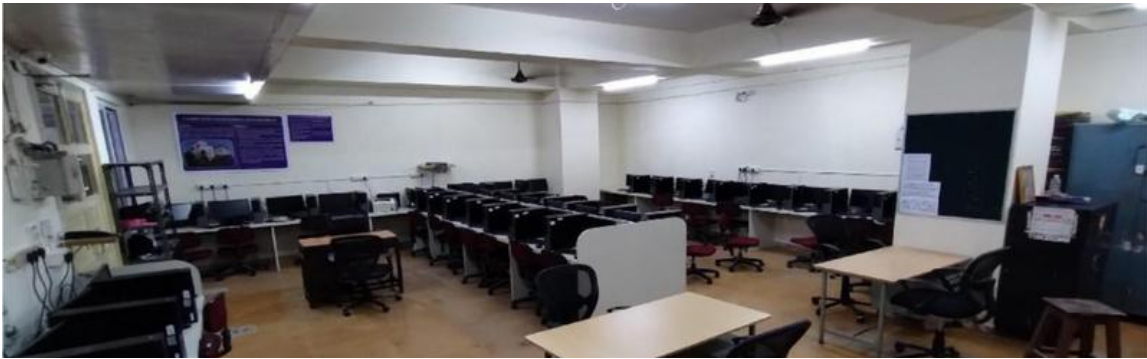


## ADVANCED DATABASE LABORATORY

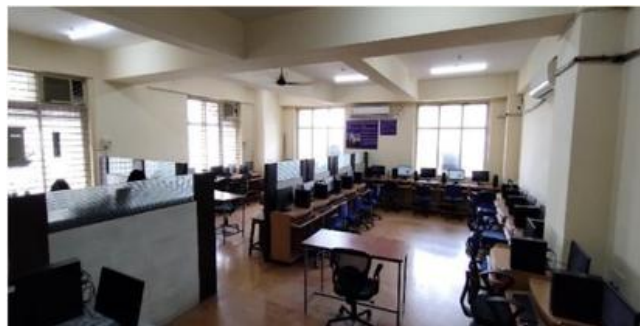


# LAB & INFRASTRUCTURE

## SOFTWARE ENGINEERING LABORATORY



## ARTIFICIAL INTELLIGENCE AND SOFT COMPUTING LABORATORY



## COMPUTING AND SECURITY LABORATORY

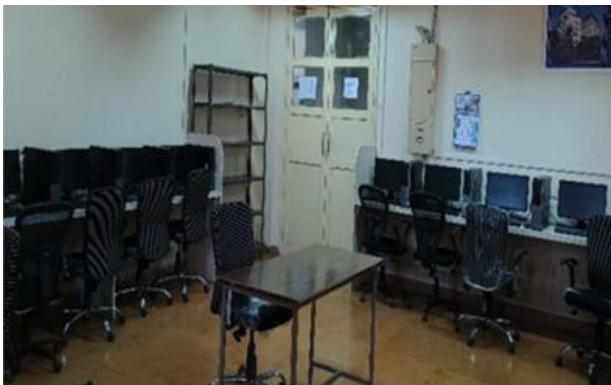


# LAB & INFRASTRUCTURE

## HARDWARE LABORATORY



## MICROPROCESSOR & COMPUTER ARCHITECTURE LABORATORY



## CLOUD COMPUTING AND OPEN SOURCE LABORATORY



# INTERACTIONS WITH INDUSTRY AND ACADEMIC EXPERTS

## The Role of Google Earth Engine and QGIS in Geospatial Analysis

**Analyzing Vegetation and Burn Impact using NDVI, NBR and ML in QGIS**

Chaitanya Kakade (Chaitan) • 1st  
Real Time Computer Engineering Student

Excited to share that our recent webinar on "Geospatial Insights: Analyzing Vegetation and Burn Impact using NDVI, NBR, and Machine Learning techniques in QGIS" was a great success! Along with my co-speaker Pratyush Talreja, we showcased the practical applications of Machine Learning, Geospatial data, and Remote sensing, demonstrating how these techniques can be applied to real-world challenges.

**Key Highlights:**

- In-depth discussion on Satellite Imagery fundamentals and the power of Remote Sensing in environmental analysis.
- Practical applications of Google Earth Engine.

Shreyas Jain and Shubham

**MISCELLANEOUS APPLICATIONS**

Autoencoders for important feature extraction and denoising

The diagram illustrates an autoencoder architecture. It starts with an input image (a satellite map) which is processed by an encoder (represented by a series of blue circles) to produce a latent space (represented by a single blue circle). This latent space is then processed by a decoder (represented by a series of orange circles) to reconstruct the image. The process is used for feature extraction and denoising. The output is a reconstructed image that is cleaner than the original input.

Google Earth Engine interface showing a map of India with various layers and data. The interface includes a search bar, a list of layers, and a map view. The map shows a satellite image of India with various layers overlaid, including a red layer and a blue layer. The interface also shows a list of layers and a search bar.

**Geospatial Computing and Applications**

**MR. SANJIV KUMAR JHA**  
LEAD ARCHITECT - GOVERNMENT, AMAZON WEB SERVICES (AWS)

SESSION 1  
DATE: 11<sup>th</sup> Jan 2024  
TIME: 3:00 P.M - 4:30 P.M

**Geospatial Artificial Intelligence**

**GEOSPATIAL COMPUTING AND APPLICATIONS**

**DR. Shailesh Deshpande**  
Principal Scientist,  
Tata Research Development and Design Centre,  
TCS Pune

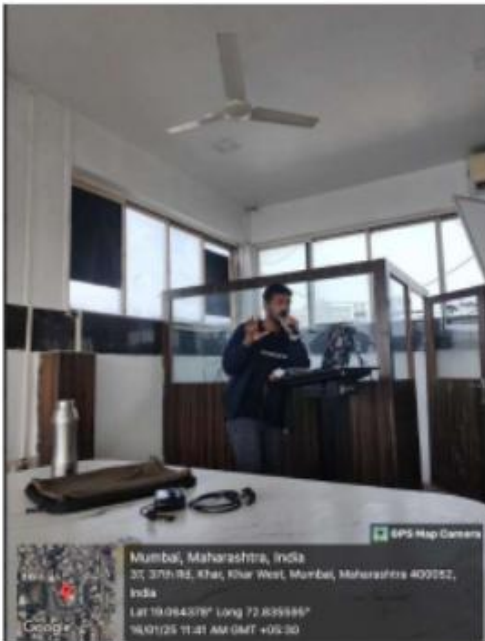
SESSION 3  
DATE: 7<sup>th</sup> Jan 2025  
TIME: 6:30 P.M - 8 P.M

**Multispectral and Hyperspectral Data Processing**

# INTERACTIONS WITH INDUSTRY AND ACADEMIC EXPERTS



## API Fundamentals using POSTMAN



# ACTIVITIES AT COMPUTER DEPARTMENT



**API 101** API Fundamentals using Postman

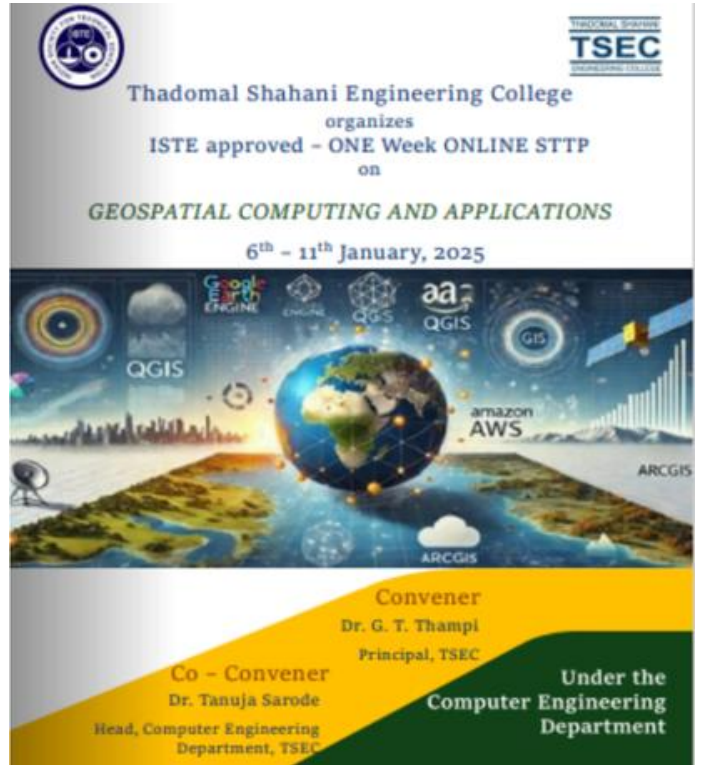
16th Jan, Thursday

Seminar Hall, NB

11:00 am

**Speaker:**  
Anas Khan  
Frontend Engineer - PSL at postman

**Register Now!**



Thadomal Shahani Engineering College  
organizes  
ISTE approved - ONE Week ONLINE STTP  
on  
**GEOSPATIAL COMPUTING AND APPLICATIONS**  
6<sup>th</sup> - 11<sup>th</sup> January, 2025

Convener  
Dr. G. T. Thampi  
Principal, TSEC

Co - Convener  
Dr. Tanuja Sarode  
Head, Computer Engineering  
Department, TSEC

Under the  
Computer Engineering  
Department



COMPUTER ENGINEERING DEPARTMENT  
CALLING ALL INQUISITIVE ENGINEERS  
INTERESTED IN SPACE AND GEOSPATIAL  
TECHNOLOGIES

**QGIS**

Have you heard about

- ISRO
- Chandrayaan

If interested fill the form :

**Apply Now**

**A Hands-On  
Workshop  
with Google  
Earth Engine  
and QGIS**

**OUTCOMES**

- ✓ Analyze Satellite Imagery
- ✓ Geospatial Data Insights
- ✓ Integrate GEE & QGIS
- ✓ Solve Real-World Problems

PRESENTED BY AN EXPERT  
SPEAKER FROM IIT  
Date: 21st September, 2024



TSEC  
75 GLORIOUS YEARS  
IN EDUCATIONAL  
EXCELLENCE

TSEC  
CodeCell

2025  
NATIONAL  
INSTITUTIONS  
INNOVATION  
COUNCIL

HSNC

presents  
**TSEC HACKS 25**  
24 hours offline hackathon

**Team**  
2-4 Members

**Fee**  
Free!

**Date**  
29-30th Jan 2025

CONVENER  
Principal - Dr. G.T.Thampi

CO-ORDINATOR  
Prof. Darakhshan Khan

CO-CONVENER  
Dr. Tasneem Mirza

CO-CONVENER  
Dr. Tanuja Sarode

CO-ORDINATOR  
Dr. Seema Kolkur

Zeeshan : +91 98673 19647

tseccodecell

Pooja : +91 98202 42949

# ACTIVITIES AT COMPUTER DEPARTMENT



## TSEC HACKS 25



# STUDENT AWARDS & RECOGNITION

Category	No. of Students	Achievements
Intercollege Hackathons	4 students	1 <sup>st</sup> Place
	1 team (4 students)	1 <sup>st</sup> Place
	1 team (3 students)	1 <sup>st</sup> Place
	1 team (4 students)	1 <sup>st</sup> Place
	1 team (4 students)	1 <sup>st</sup> Place
	1 team (3 students)	1 <sup>st</sup> Place
	1 team (4 students)	1 <sup>st</sup> Place
Intercollege Football Tournament	6 student	1 <sup>st</sup> Place
Intercollege Cricket Tournament	7 student	1 <sup>st</sup> Place

## Winner's of Smart India Hackathon 2024 at nodal centre Komarapalayam, Tamil Nadu

Team Members:  
 Pooja Gawade  
 Jitesh Gogia  
 Shruti Ghagare  
 Dhrumil Tandel  
 Pranav Patil



# STUDENT AWARDS & RECOGNITION

## Joint winner for Smart India Hackathon 2024- At Nodal centre Ludhiana

Team Name: Access Denied

Team Members :

Shreyans Jain

Varun Jajoo

Ritojnan Mukherjee

Siddhima De

Anish Awasthi

Mayuresh Chavan



Flipkart GRiD 6.0, National level hackathon in Bangalore  
Position: Second  
Om Avhad



Winner's at ACE 1.0 Hackathon at NMIMS MPSTME  
Position: First  
Kavya Chetwani, Karan Choudhary, Jivansh Chawla, Arnav Das



# STUDENT AWARDS & RECOGNITION

## TSEC HACKS 2025 WINNERS First Position

### Hypertext Assassins:

1. Fahed Khan - TSEC TE COMPS
2. Sushmit Sanyal - TSEC TE COMPS
3. Chinmay Tullu - TSEC TE COMPS
4. Tanmay Sarode - TSEC TE COMPS

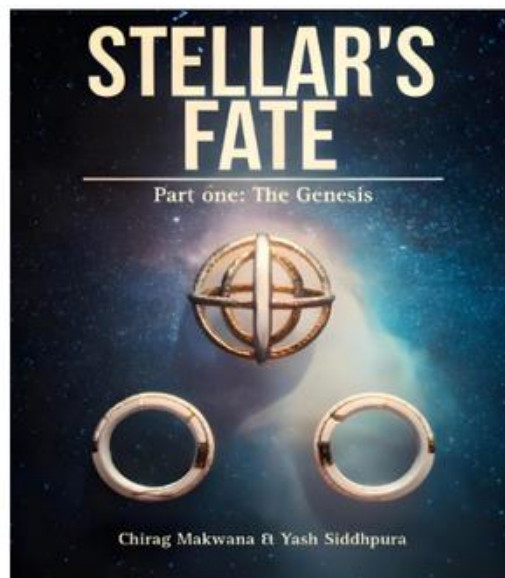
## Winner at the National Level Hackathon – Quasar 3.0

Kavya Chetwani  
Karan Choudhary  
Jivansh Chawla



### Novel

## Stellar's Fate: Part 1 The Genesis



# INTERNSHIP

<b>Name of the Company</b>	<b>Stipend Offered</b>
JP Morgan & Chase, Mumbai	1.5 Lakhs
Microsoft India (R&D) Pvt. Ltd	1.25 L/month
Deutsche Bank	1.47 Lakhs
Barclays	75K/month
Altonexus Info technologies, Mumbai	44K

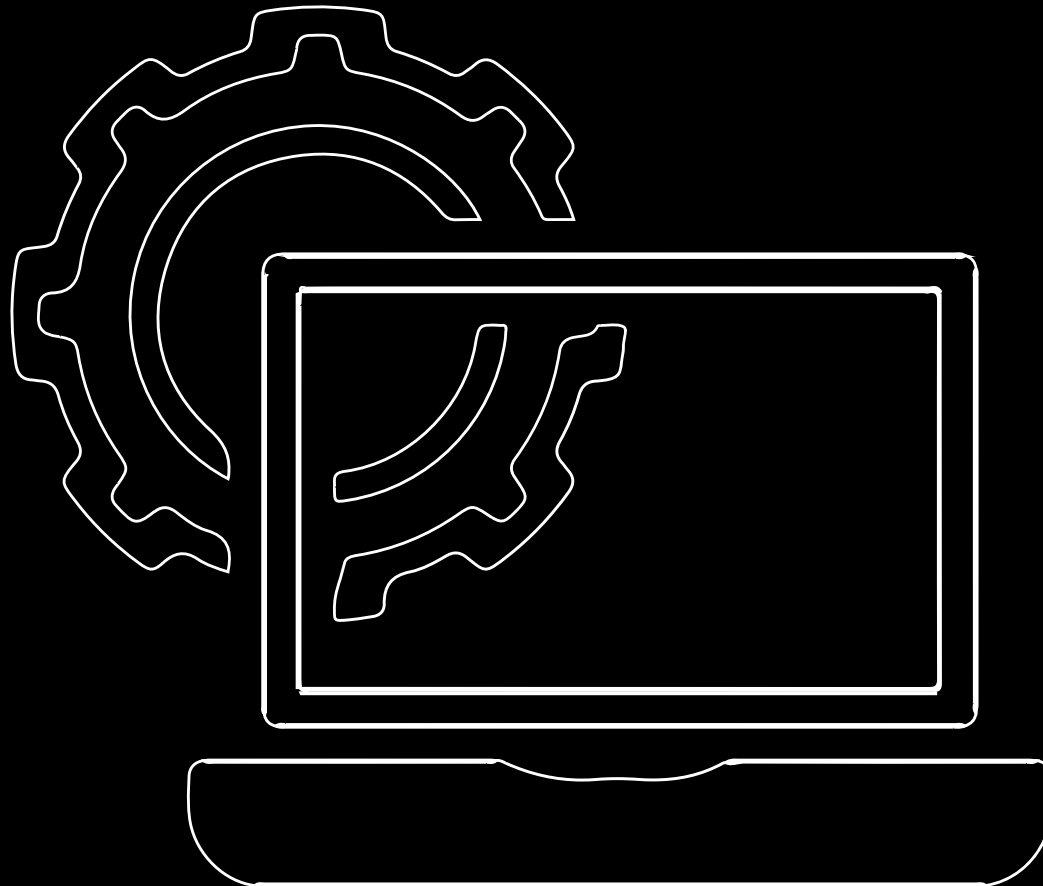
# PLACEMENTS

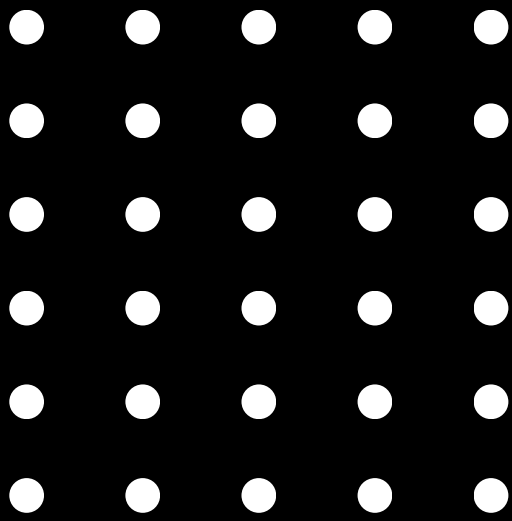
## Some of the Good Placements

<b>Name of the Company</b>	<b>No. of Students Placed</b>	<b>Package Offered</b>
Deutsche Bank	13	20.20
Oracle	11	19.18
JP Morgan & Chase	3	19.75
Dolat Capital	1	17
Seclore	2	13
ICICI Lombard	6	8.29
Deloitte USI	14	7.6
Deloitte India	22	7.6

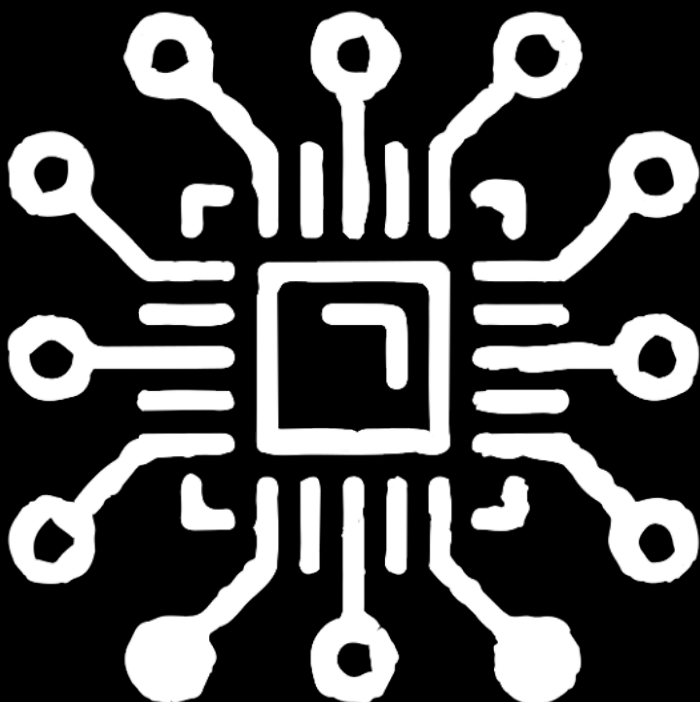
# COMMITTEE AT THE DEPARTMENT

## CODECELL





# **ELECTRONICS & TELECOMMUNICATION ENGINEERING**



# SALIENT FEATURES OF THE DEPARTMENT

01

Strong research potential with proven records of having good quality research and patent

02

IOT and machine learning certificate courses to in house/outhouse students.

03

Spacious laboratories with the equipment reflecting the state of the art technology with a dedicated PCB fabrication lab.

04

Collaboration with IIRS-ISRO for short term training programs

05

The open elective system gives handful of choices to students to develop expertise.

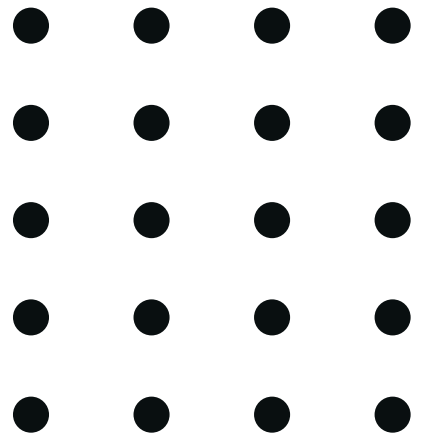
06

Many Entrepreneurs working in the Block chain , Web Design and various other s/w fields.



**STAFF**

# INDUSTRIAL VISIT

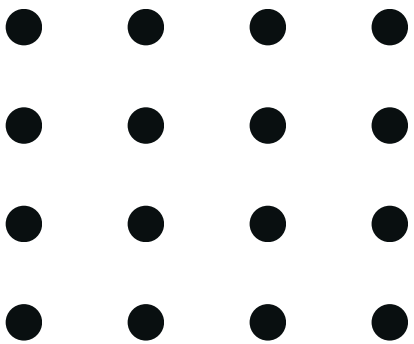


# ADANI THERMAL POWER STATION

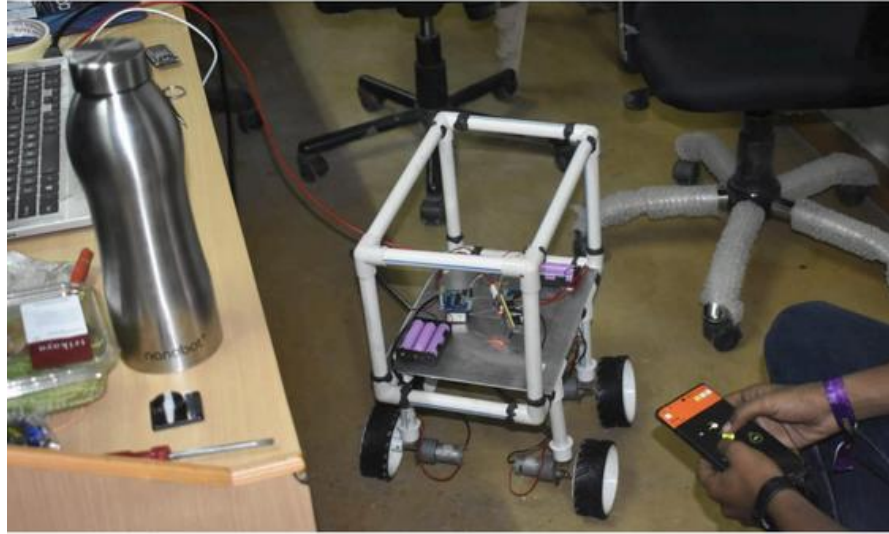
# INTERACTIONS WITH INDUSTRY AND ACADEMIC EXPERTS



# STUDENT AWARDS & RECOGNITION

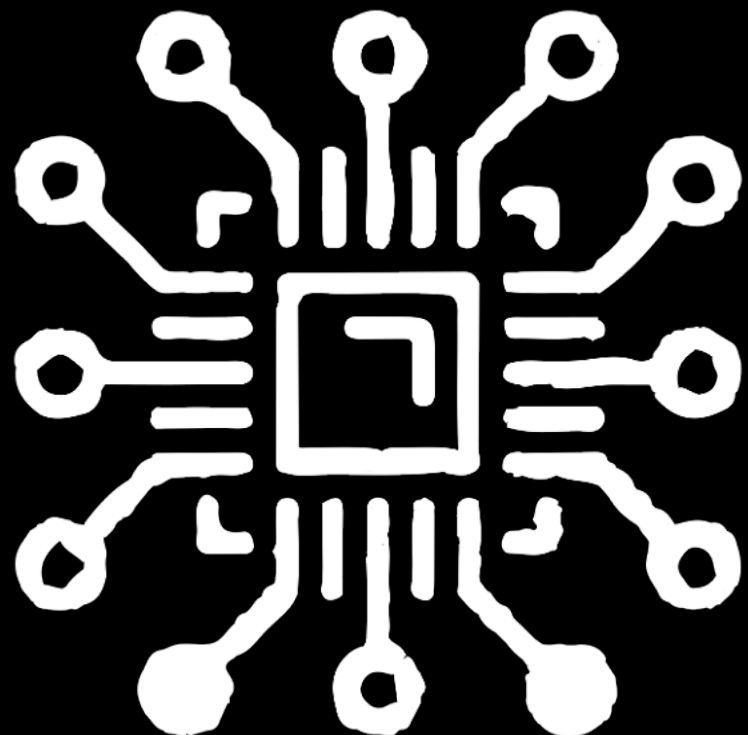


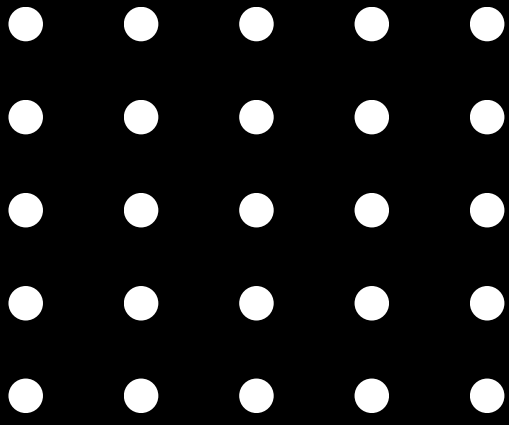
# ACTIVITIES AT EXTC DEPARTMENT



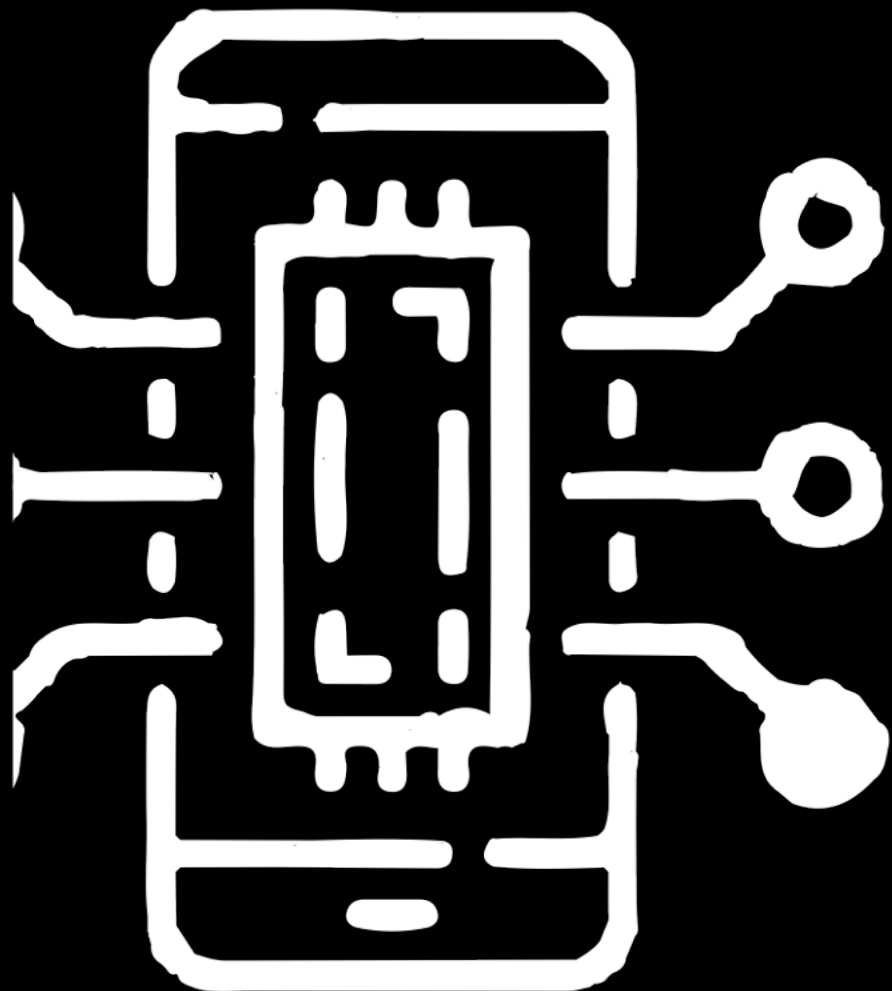
COMMITTEE AT THE DEPARTMENT

# ELECTROVERSE





# INFORMATION TECHNOLOGY



# SALIENT FEATURES OF THE DEPARTMENT

01

Department of IT was started in 1998 to provide IT manpower to the ever growing demand for IT engineering

02

Intake doubled for 60 to 120 and PHD programme with intake of 20

03

NBA accreditation and currently in the fourth cycle

04

20 teaching staff, 10 are PHD and 6 are currently persuing

05

Organizes project competitions for second and third year

06

Teachers play active role in university syllabus formation



**STAFF**

# INTERACTIONS WITH INDUSTRY AND ACADEMIC EXPERTS



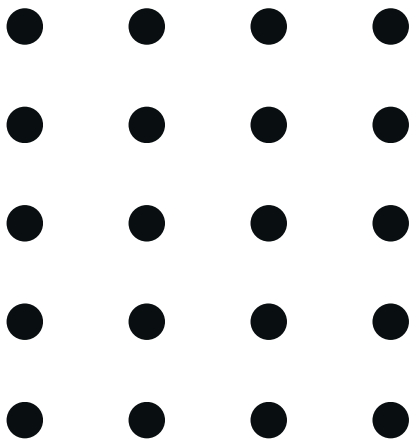
**Guest lecture and  
industry expert  
interaction in DMBI**



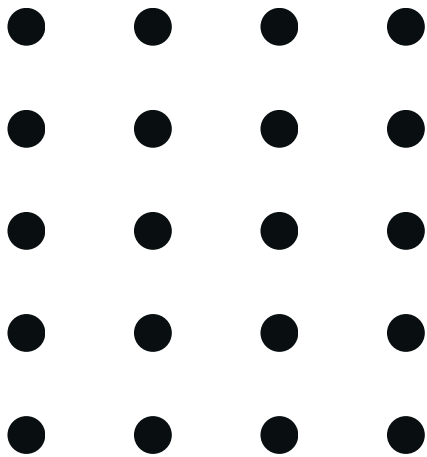
# STUDENT AWARDS & RECOGNITION



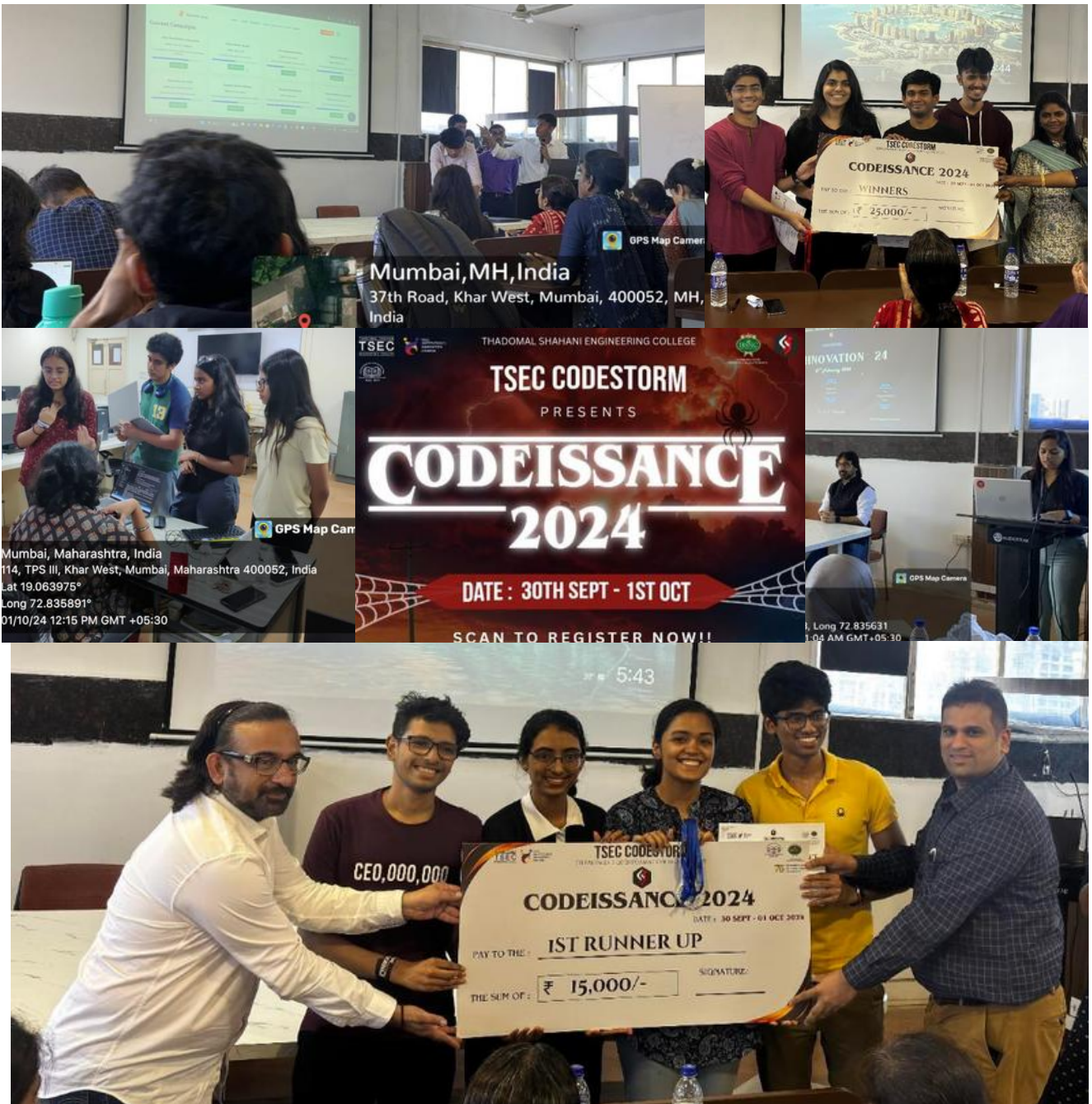
## HACKATHON WINNERS



# ACTIVITIES AT DEPARTMENT OF I.T



# ACTIVITIES AT DEPARTMENT OF I.T

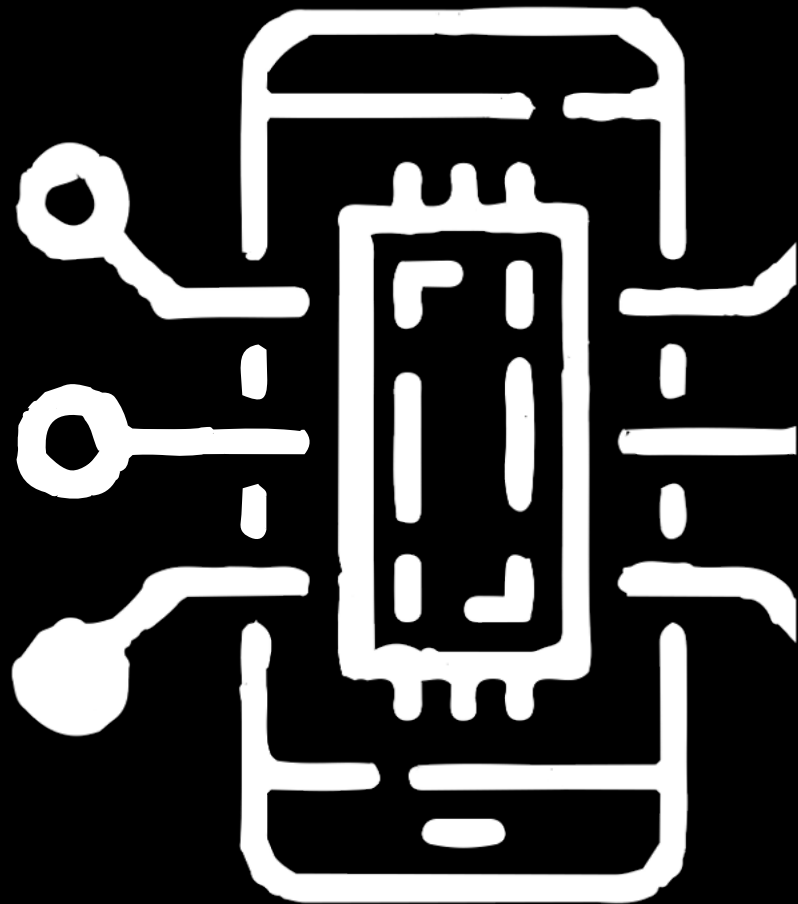


# ACTIVITIES AT DEPARTMENT OF I.T



COMMITTEE AT THE DEPARTMENT

CODESTORM



# ALUMNI SPEAKS



## Vinay Israni

TSEC is not a college, it's an institution. It was never a regular college where you will sit in classes and mug-up to pass exams, it gives you an opportunity through its technical society's & association's to implement in real life. The social interactions give you emotional maturity, which is required in corporate life. All this has helped me scale heights in my professional career.



## Rajeev Butani

Rajeev is based in the Bay area and is the Chief Executive Officer at Headspin. Prior to Headspin, he was a Senior Managing Director and Group Technology Officer for Accenture Communications Media and Technology Business. He was responsible for the group's technology strategy, partnerships and emerging technology adoption. He led Accenture's Software and Platforms P&L portfolio in the Silicon Valley and built the company's largest accounts from ground up.



## Kiren Tanna

The 4 years I spent at TSEC for my BE in Information Technology were among the most important foundational for my career. Was benefiting from excellent setup, faculty and always being at the forefront of new pedagogy. Equally important was the amazing network of friends I built that I am still in touch with both professionally and personally. I can say with full confidence that TSEC has been instrumental in moulding the person that I am today.



# ALUMNI SPEAKS

## Aman

Aman graduated from TSEC EXTC in 2012. He currently leads an R&D team of Alexa AI scientists at Amazon to find innovative ways to advance the field of Speaker Understanding, Recognition, and Personalization. Before Amazon, Aman spent 6 splendid years at Apple leading a team that was responsible for developing novel multimodal on-device AI models for a range of applications including speech ("Hey Siri" keyword spotting, speech-to-text ASR models), vision (iPhone's portrait mode), and NLP (Siri query understanding and intent recognition) to enable intelligent and seamless experiences on future Apple devices



## Ajit S. Bopardikar

Ajit S. Bopardikar graduated from Thadomal Shahani Engineering College with a B.E in Electronics Engineering in 1991. He obtained his M. Sc. in Electrical Communication Engineering from the Indian Institute of Science, Bangalore in 1995 and PhD from Center for Imaging Science, Rochester Institute of Technology in 2000. He was a postdoctoral researcher at the Norwegian University of Science and Technology from 2003-05 where he researched on image quality and video processing. He currently works at Samsung R&D Institute India-Bangalore (SRI-8) where he researches on Biomedical devices and handles University research collaborations



## Girish Purswani

Thadomal has been one place that has truly played a major part in shaping the person I am today. The vast exposure it gave me to technical learning as well as extra curricular activities has developed me into this all round professional I am! The teachers in the IT Department of TSEC (as it's popularly called) have been my mentors even beyond just regular college work and I am still in touch with quite a few of them. I am truly grateful for the opportunities given to me by the college and I am super proud to have begun my professional journey from here.



# ALUMNI SPEAKS



## Jayesh Tekachandaney

Back in the early 90's, when engineering colleges were mushrooming all around, TSEC stood tall and strong with established credentials in Electronics and Computer Science, and was amongst the handful of reputed institutions offering Chemical Engineering and Bio-Medical Engineering. I was fortunate to be a part of this prestigious institute then, personal and professional life. TSEC continues to produce outstanding engineers and professionals serving India and contributing to the world.

## Mahesh Nair

Having completed my B.E in Computer Engineering from TSEC, I can assert that this institution prepares its students for a competitive corporate world. I feel lucky to have had the opportunity to learn under TSEC is one of the best college in Mumbai University with better career opportunities and improving placements year by year. TSECite not only grows technically but also socially and culturally owing to the activities conducted by various committees. This institution has always supported their students for doing something good. Some of the faculty members are a blessing for Students, the guidance of some of the finest professors one can ask for and be a part of group studies with my classmates who have been some of the smartest people in the room. Specific courses that have shaped my career, personality and outlook towards team setting include - B.E Final year Project where you work in a team setting for a year, Operating Systems, Communication Skills, Distributed Systems, Computer Programming, Data Structures and Algorithms etc.



# Scholarships & Financial Support

At Thadomal Shahani Engineering College (TSEC), we firmly believe that access to quality education should be driven by merit, aspiration, and potential—not financial limitations. In line with this philosophy, the institute has developed a robust, multi-layered scholarship ecosystem that supports students across diverse socio-economic backgrounds.

TSEC actively facilitates scholarships from the Government of Maharashtra, which form a significant pillar of financial assistance. Prominent schemes include the **Rajashri Chhatrapati Shahu Maharaj (EBC) Scholarship**, **Social Welfare Scholarships for Reserved Categories (SC/OBC/SBC/VJNT)**, and the **State Government Minority (SGS) Scheme**. These initiatives ensure that students from economically weaker sections and reserved categories receive substantial fee support, thereby promoting equity and inclusivity in technical education.

Complementing government support, TSEC has built strong partnerships with corporate organizations, philanthropic trusts, and alumni, enabling students to benefit from additional financial assistance. Notable scholarships include the **Blue Star Foundation Scholarship**, **IDFC First Bank Scholarship**, **Satish Wagh Foundation**, **Raju Hari Nain Scholarship**, **TAP Scholarship**, **Shri Brigadier Gulab H. Chhablani Scholarship**, and the **Shri Nanikram Gulabsingh Gidwani Scholarship**. These scholarships not only provide financial aid but also recognize and encourage academic merit, leadership, and overall excellence.

In the academic year **2024–25**, the institute recorded a significant impact, with **over 25% of** its enrolled students availing scholarships across various categories. The total financial support disbursed reflects a strong commitment towards student welfare and accessibility.

The momentum has further increased in the academic year **2025–26**, with a growing number of students applying for and receiving scholarships, indicating enhanced awareness, streamlined processes, and proactive institutional support. Importantly, **70+ students were** supported through philanthropic and alumni-driven initiatives, showcasing the strength of the TSEC community and its culture of giving back.

Through these sustained efforts, **TSEC** ensures that students can focus on academic excellence, innovation, and professional growth without financial burden. The institute's **scholarship ecosystem** stands as a testament to its commitment towards **inclusive education, social responsibility, and the holistic development of future engineers and leaders**.

# INSTITUTE DISTINCTIVENESS & BEST PRACTICES

The two best practices implemented by the institution are:

1. Aligning with emerging carbon neutral protocols and initiatives to reduce ecological footprints through measures of replacing existing devices with energy efficient devices and perpetuating campaign to sensitise all concerned and society at large.
2. Design, market, organise and build culture of Software and Hardware Hackathon based on nascent technologies in tandem with evolving technology marketplace as institutional core competency

**Aligning with emerging carbon neutral protocols and initiatives to reduce ecological footprints through measures of replacing existing devices with energy efficient devices and perpetuating campaign to sensitise all concerned and society at large.**

## Objectives of the Practice

We as a higher educational enterprise committed to contribute to the evolving carbon neutral practices and protocols to avert the environmental catastrophe in time to come. We are keeping track of intergovernmental agreement on climate change starting from Kyoto to Glasgow We are enamoured by the fact that changing climate conditions driven national calamities and its cascading effects especially on poorer nations/ third world countries. We as a part of global south is coming together to fight this global distortional practices as a small part of the bigger whole. We believe that we can kind of standalone small higher educational institutes can create a chain reaction in our geography by fostering practices in our daily institutional life. We are extending this practice to contribute to the factors which create positive ecological footprints which in turn shall foster the spirit of social responsibilities in our students and sensitize them towards the world of deprivation, social dis- parities and marginalization. At TSEC, we engage students in meaningful carbon neutral initiatives instilling a sense of social obligations and responsibili- ties. We impress upon all the actors of the institute to restrain the consumption of natural resources & exhort them to disseminate the same in the families/com- munities around of their place of inhabitancy.

# INSTITUTE DISTINCTIVENESS & BEST PRACTICES

## The Context

The consumption pattern of the society has been exploded in exponential form which creates massive ecological footprints resulting in excessive carbon & methane emissions, deforestations and increased desertification by excessive cattle grazing. We are witnessing radically different climate change patterns resulting in massive human miseries & irreversible climatic patterns which drives social turbulence deprivation of basic amenities and perpetual; depletion of natural resources.

## The Practice

We as an institute of higher & professional education committed to reverse the process of accumulation of entropy through various means listed as under. We understand the desirability of sustainability & impressing upon pupils & other associated above the necessity of carbon neutral practices. We also take initiative to educate young minds about systems trap especially 'tragedy of commons'. So, we also use different platform & communication channels to influence policy decision by various authorities & strive hard to work the systems towards achieving the goal of zero emission protocols. We also undertake to initiate research scholars to carry out energy efficiency processes specifically design & implementation of semiconductor chips and new architecture solution for energy efficient blockchain & quantum computing. Our social outreach program also designed to sensitize people around the virtue to vegetarian food habits to reduce the population of grazing animals and excessive exploitation of seas for human consumption. We are also organizing seminars in the topic of climate change and ways & means of contributing to the cause of carbon neutral practices through carbon credits and other change of consumption pattern of human beings.

## Evidence of Success

We succeeded in organizing seminars and ground visit to educate students and staff. We encourage online meeting & expert lectures getting organised by chemical engineering department about sustainability issues and sustainable growth, alternative fuels and renewable energy sources. We initiated academic research in ESG protocols and technological solutions for the attainment of the same by industrial behemoths.

# INSTITUTE DISTINCTIVENESS & BEST PRACTICES

Our NSS teams adopts villages & initiate them to sustainable practices even affecting life style changes. We as an institute replaced almost 80% of candescent lights with LED lights essentially to reduce the consumption of power. Our energy report is the testimonial for the same, so we carry out environmental audit periodically and also participating in tree plantation projects to contribute to the cause of forestation of land parcels which are being misuses by human greed. We as an institute migrated to digital systems & digitization and 80% of paper consumption got reduced from past year as all student submission and teachers file are stored/documentated with Microsoft Teams cloud. We also completed fall ceiling work in all classrooms and some of the laboratories, 30% of laboratories to reduce the heat load for AC. Problems Encountered and Resources required Limitation of funding from the University/ College /Other Umbrella bodies is significantly affecting our envisioned activities and programs. Other major constraint is identified as the time available between highly rigorous academic sessions and project activities.

B. Design, market, organise and build culture of Software and Hardware Hackathon based on nascent technologies in tandem with evolving technology marketplace as institutional core competency.

## Objectives of the Practice

We observed that Indian University system thrive on theoretical rigor at the cost experiential learning. Our new curriculum is taking initiative to bridge the gap. AICTE & Ministry of Education, erstwhile Ministry of Human Resource Development (MHRD) initiated the concept & construct of hackathon which are designed essentially to offer focused effort by professional college students to offer digital solutions. We as an institute grab the opportunity to popularize hackathon amongst undergraduate students starting from second year to initiate them to understand the process of solution building for a functional area which are real time in nature. The skewed curriculum orienting towards theoretical studies gets normalized by improving the participation in hackathon by majority of student community.

# INSTITUTE DISTINCTIVENESS & BEST PRACTICES

The objective of helping the students to develop a temperament for understanding physical problem domain & functional area shall be massively improved by this initiative. The hackathons also contribute to further the cause of small & medium scale industries & government/municipal agencies which are starved of cash/funding.

## The Context

India as a nation is blessed with highly rigorous school education system which makes majority of the students coming out of schools (10+2) equipped with high level of mathematical and analytical integrities. Process designed to help pupils develop proficiencies in developing software and hardware solutions for digital systems makes them sought after in marketplace which is searching for talents who can create new age solutions, leveraging converging computational communication technologies. We are witnessing massive project funding in western economies in search of breakthrough technologies and technology driven practices. These advanced economies are limited by availability of techno savvy human capitals and are promoting international agreements for easy transfer of men and material across the borders. India as an Information Technology behemoth exports IT product and services whose value can be compared with revenue earned by Saudi Arabia in exporting their petroleum products. So, we are determined to create a supply chain of Human capital for National economy and to cater to this ever growing demand for digital technology savvy manpower to contribute to our wealth creation process. Hackathon is a tool to drive sustained innovation and crowdsource solutions to address challenges related to hardware or software and figure out a workable solution in a stipulated time. A hackathon is typically a time-bound competitive event where participants collaborate to build proofs of concept and minimum viable products for a specific pre-defined problem or to innovate. Hackathon conceived by the political establishment at the PMO level and disseminated by AICTE and Innovation cell of Ministry of Education has been the single most important co-curricular activity. We remain focused in a state of “No stone Unturned” to embrace the culture of Hackathon amongst our learners, and results in creating a culture solution building. These competency building exercises of ours is also the biggest key differentiator.

# INSTITUTE DISTINCTIVENESS & BEST PRACTICES

We encourage maximum participation in Hackathons (software/hardware) getting organized at institute level , Govt. Of India, AICTE and multinational corporate essentially meant for developing solutions for public enterprises and succeeded in getting awards and cash prizes

## The Practice

We as an institute organise multiple Hackathons internally after carrying out a multitude of preprocessing. Teachers and students organise themselves to design problems which are socially relevant and also identify bottlenecks getting experienced by various business sectors , which encompasses agriculture , supply chain management, health care , traffic management , digital commerce etc. At the beginning of academic year and during admission to first year engineering, we explicitly highlight the massive efforts of the institute in investing heavily in terms of time and other resources as a key differentiator. This institutional culture and competencies catapult us in higher orbits of performance resulting in brilliant and productive outcomes of massive success in placements and admission to higher education. We, as an institute are an early mover in initiating students to processes to help build competency in coding. Coding is essentially “Conversion of problem to logic”, which prompts/ nudges learners to relate theoretical moorings to real time applications and learners undergo metamorphic changes in their perspective of the real-world problems to be addressed. We expose them to coding through class room engagement, practice sessions and nudge them to develop an interest in coding through online portals meant for training and evaluating students on their ability to remain focused for long time for a set goal, problem solving ability, competency in codifying problem definitions, developing computer codes with minimal time complexity, respect for extreme boundary conditions of problem definitions.

# INSTITUTE DISTINCTIVENESS & BEST PRACTICES

To motivate and inculcate students develop proficiency in coding and capable of offering solutions in Hackathons, we at the institute multiple events of hackathon namely “TSEC CodeTantra”, “TSEC Codecell” & “TSEC Code Storm” etc. Multiple societies are formed to actualise this process organising, marketing, and conducting hackathons. These societies are student bodies that aim to nurture a keen interest in building solutions algorithmically or architectural solution building amongst the students of TSEC and enhance their coding skills. Essentially a community of solution builders who wish to develop industry-relevant skills beyond academics, the societies were started in 2017. These societies populated with young and passionate teachers and pupils succeeds in bringing a self believe and competencies in nascent technologies, practices and tools. The institutes organise 4 software and 1 hardware national level Hackathons throughout the year. Besides, students are encouraged to participate in various Hackathons and coding competitions conducted at state and national level by government agencies and IT/consulting companies like JPMC, Myntra, Ernst and Young, TCS, WIPRO.

## Evidence of Success

Campus placement drastically improved as our graduating students are performing well in “Coding Test”, which is single most important criteria for selection processes. Our effort to make “Hackathon “ as our core competency is bringing laurels and rewards in Hackathons getting organised by AICTE and other private entities. We are committed to take this process in the next orbit of performance in building competencies in newer coding techniques for autonomous vehicles and devices. Being the national level winner of AICTE conducted Smart India Hackathons (SIH), Ernst and Young (E & Y), JP Morgan Chase, TIAA are clear evidences of our successful practices in this regard.

## Problems Encountered and Resources Required

It is observed that the curriculum in practice prescribed by the university is not envisaging real time practices which can be learnt experientially and internalised by the students. Lack of case studies/ success stories which can initiate them to real time problems and ways and means of addressing the same. Lack of industrial training/internship of higher duration is also affecting expected rate of penetration of these new age competency amongst the students.

# EXPECTATION OF INDUSTRY FROM HIGHER EDUCATIONAL INSTITUTES

We undertake to provide supply chain of human capital to align with industry expectation jotted down as under-

**Different economy demands and requires graduates with different attributes-**

- a) Self-learning and capacity to remain focused for a set target
- b) Emotional and intellectual integrity
- c) Capacity to be a leader or as a follower in a group working to further the cause of enterprises
- d) Spiritual quotient, multiprocessing abilities, commitment to organizational growth
- e) Frugal engineering
- f) Capacity to work the system, loyalty, ICT savvy
- g) Work culture, proficiency in sales, marketing acumen, understanding of digital technology, social media
- h) Capacity to eliminate waste (non-value adding activities)

**Industry also expect following other than training and education of human capital**

1. Sensitizing the society about the nation building process and virtues of higher education
2. Supply chain of human capital for various industries
3. Modifying the collective consciousness the society at large
4. Channelizing the youthful energy/ juvenile impatience to do something spectacular
5. Institutes are expected to create incubation centres and encourage start-ups.
6. Set dialogue with government and regulatory authority to formulate educational policies to build efficiencies in educational institutes
7. Foresee and predict new breakthrough technologies and predict life cycles of product and processes
8. Carry out actionable and low cost research which can results in product and processes innovation
9. Create a low cost work force which also can offer quality arbitrage
10. Design a supply chain of undergraduates to work as interns to reduce the cost of production or service of offer cost arbitrage to global market place.

# EXCELLENCE OF RESEARCH

At Thadomal Shahani Engineering College (TSEC), research forms an integral part of the institution's academic ethos, acting as a driving force for innovation, intellectual advancement, and societal progress. The institute has consistently worked towards cultivating a progressive research environment that transcends traditional academic limits, fostering curiosity, experimentation, and the creation of solutions to real-world challenges. With a focused vision of progressing along the academic value chain, TSEC has developed a culture where research is not merely an academic requirement, but a meaningful pursuit aligned with excellence and relevance in a rapidly evolving technological landscape. The institute's distinctly unconventional approach to research challenges traditional notions of academic inquiry in India. Rather than focusing on incremental contributions, TSEC emphasizes impactful, application-driven research that goes beyond established paradigms.

The foundation of doctoral education at TSEC was laid with the introduction of the Ph.D. program in Information Technology during the academic year 2012–13. This marked the beginning of structured and high-quality research initiatives at the institute. Building upon this foundation, Ph.D. programs in Computer Engineering and Electronics & Telecommunication were introduced in 2015–16. Continuing its trajectory of multidisciplinary expansion, TSEC has recently received approval to launch a Ph.D. program in Chemical Engineering from the academic year 2024–25, representing a significant milestone in its academic and research journey.

Under the visionary leadership of Dr. G. T. Thampi, whose expertise lies in identifying research problems rooted in real-time techno-commercial and managerial contexts, the institute has built a distinctive ecosystem where academic research is closely aligned with industry requirements and societal needs. This ensures that research outcomes are practical, scalable, and capable of driving meaningful transformation across diverse sectors.

# EXCELLENCE OF RESEARCH

TSEC follows multi-disciplinary, problem-solving, application-oriented philosophy, leading to impactful solutions. The institute actively promotes interdisciplinary collaboration, enabling scholars to engage across domains and address complex, real-world challenges. The research landscape spans a wide range of emerging and high-impact areas, including Artificial Intelligence, Machine Learning, and Deep Learning; Data Science and Data Analytics; Internet of Things; Cloud Computing and Edge Computing; Healthcare and Biomedical Applications; Agricultural Intelligence and Climate Analytics; Indian Judiciary Systems; Education sector, Robotic Process automation and Manufacturing, Advanced Communication Systems, including next-generation wireless and 6G technologies, Geo-spatial imaging ; as well as Blockchain, FinTech,, Digital/Quick Commerce and even GCCs. TSEC is also actively expanding its research footprint into Environmental, Social, and Governance (ESG) domains, fostering sustainability-driven innovation, ethical technology practices, and solutions that contribute to inclusive and responsible societal development. Currently scholars are working on current technologies like Language Model and Agentic AI.

This ecosystem is further strengthened through robust mentorship by well-experienced faculty members who guide scholars at every stage of their research journey. The institute actively encourages publication in reputed journals, participation in conferences, patent development, and involvement in funded research projects.

TSEC remains committed to enhancing its research capabilities by expanding interdisciplinary initiatives, strengthening industry-academia partnerships, and contributing to national and global technological advancements. Through its strong foundation, progressive outlook, and steadfast commitment to excellence, the institute continues to empower its scholars to innovate, explore new frontiers, and make meaningful contributions to society and the global community.

## Research at a Glance

- **Total Ph.D. Strength: 60**
- **42 Research Scholars currently pursuing Ph.D. (A.Y. 2025–26)**
- **64 Ph.D. degrees awarded till date**

# CONTINUING EDUCATION PROGRAM

We take proactive measures to organize training programs for faculties to update with the new development in different technology sectors and facilitate them to develop proficiencies in newly introduced courses. As a holistic strategy to practice Lifelong Learning, unlearning, relearning processes, we sponsor faculties to participate in short term courses, seminars, conferences and work- shops getting organized in other institutions Teachers have been publishing technical books on the subjects of Industrial Automation, Cloud Computing, E-Governance, Entrepreneurship, E-Commerce, Mobile Computing, Optical Fiber Communication, Digital Communication, Microcomputer System Design, Applied Chemistry, Object Oriented Programming, Material Science, Communi- cation Engineering, Signal processing, Control Systems, and so on. Collective contribution of the faculty in the realm of research and investigation to further the cause of society at large and for the Industrial progress of India is sizeable and count more than 500 publications.

## Core Competencies

- Instructional content based on cognitive load theories and epistemological con- sistencies
- Leveraging visual learning to maximize the efficacy of learning process
- Student centered institutional structure and process layout.
- System in place for continuous value addition
- Processes which help students unleash their potential
- World class laboratories for experimental investigation
- Contemporary pedagogical practices in teaching learning processes
- Evolving competency in addressing different learning abilities and styles
- Customized learning content for heterogeneous learners. The strength of our department is well equipped laboratories and sophisticated biomedical equipments

## Other Competencies & Value Propositions

- Wi-fi enabled campus
- Canteen facility for hygienic and cost effective food
- Spacious student lounge and libraries
- Courteous and caring auxiliary staff
- Neighborhood medical facility
- High degree of parental facilitation, continual information about wards perfor- mance, sensitization of their performance index.

# CONTINUING EDUCATION PROGRAM

## The Key Differentiator

- Treating and training students as evolving human capital
- Helping them to realize their potential
- Facilitating and modifying different learning styles and learning disabilities
- Perpetuating the effort to create and augment customized course content to help unleash the potential of different learners
- Our everyday discourse also focuses on creating and facilitating Game changers
- We are productively researching on the ways and means of transcending technology education to help the
- Nation Evolve as Total Solution provider to thrive in a carbon efficient world order
- Facilitating them to manage their emotions to thrive in their professional life
- Indian values driven institutional culture energizing from ancient Indus valley civilization.
- Holistic Personal Development for Global Marketplace
- Well laid out schema and curricula for all round personality development focusing on emotional integrity rooted on sound ethical practices
- Promotion of Extracurricular activities to appreciate collaborative effort and group dynamics. Sensitizing learners about the importance of Nation Building and value/ wealth creation for the mankind at large
- Initiating them to product and process innovation leveraging converging technologies to remain competitive in the global marketplace.

# CAP ROUND FEES FOR ACADEMIC YEAR 2025-26 (Approved by FRA)

Interim Fee Structure for Academic Year 2025-26 for [CAP ROUND Admission](#)

Sr. No	First Year (Centralised Admission Process)	Regular	OBC/EBC/EWS/SEBC 50% on Tution Fees (MALE)	OBC/EBC/EWS/SEBC 100% on Tution Fees (FEMALE)	SC/ST	VJNT / SBC	TFWS	(J & k)	PMSSS	NRI
Amount	Amount	Amount	Amount	Amount	Amount	Amount	Amount	Amount	Amount	Amount
1	Tuition Fees	174782	87391	0	0	0	0	15000	0	695128
2	College Development Fees	26218	26218	26218	0	26218	26218	5000	0	104872
3	University Enrolment Fees	200	200	200	200	200	200	200	200	200
4	Marksheet Verification Fee	500	500	500	500	500	500	500	500	500
5	University Other Fee	556	556	556	556	556	556	556	556	556
6	B.U. Exam Fees (Sem I & II)	2532	2532	2532	2532	2532	2532	2532	2532	2532
7	Other Fee	0	0	0	0	0	0	4000	0	0
8	Insurance (one time for 4 years)	701	701	701	701	701	701	701	701	701
	<b>Total</b>	<b>205489</b>	<b>118098</b>	<b>30707</b>	<b>4489</b>	<b>30707</b>	<b>30707</b>	<b>28489</b>	<b>4489</b>	<b>804489</b>
Note:	M.U. Eligibility fees (Other than MU)	300	300	300	300	300	300	300	300	300

**Note: Students who have passed 12th Exam other than State Board (e.g. CBSC Board, ICSC Board Etc ) have to pay Rs 300 for Mumbai University Eligibility Fees at the time of admission**

- Candidates other than H.S.C. board will have to pay Rs. 300/- towards Mumbai University Eligibility Fees in addition to the admission fees stated.
- The candidate who has been offered a seat in the college shall pay the prescribed fees in the form of Pay Order / D.D. of any schedule bank only, drawn in the favour of "THADOMAL SHAHANI ENGINEERING COLLEGE" payable at, MUMBAI at the time of admission.
- No other mode of payment shall be permitted.
- The fees shall be paid by the admitted candidates during the process of admission as per the guidelines given.

# INSTITUTE LEVEL FEES FOR ACADEMIC YEAR 2025-26 (Approved by FRA)

Interim Fee Structure for Academic Year 2025-26 for [Institute Level Admission](#)

	First Year (Institute Quota)	Regular Computer	Regular AI&DS	Regular Infomation Technology	Regular Chemical	Regular EXTC
Sr. No	Particular	Amount(Rs)	Amount(Rs)	Amount(Rs)	Amount(Rs)	Amount(Rs)
1	Tuition Fees	347564	347564	347564	260673	260673
2	College Development Fees	52436	52436	52436	39327	39327
3	University Enrolment Fee	200	200	200	200	200
4	Marksheet Verification Fee	500	500	500	500	500
5	University Other Fee	556	556	556	556	556
6	B.U. Exam Fees (Sem I & II)	2532	2532	2532	2532	2532
7	Other Fee	0	0	0	0	0
8	Insurance (one time for 4 years)	701	701	701	701	701
	Total	404489	404489	404489	304489	304489
Note:	M.U. Eligibility fees (Other than MU)**	300	300	300	300	300

**Note: Students who have passed 12th Exam other than State Board (e.g. CBSC Board, ICSC Board Etc ) have to pay Rs 300 for Mumbai University Eligibility Fees at the time of admission**

- Candidates other than H.S.C. board will have to pay Rs. 300/- towards Mumbai University Eligibility Fees in addition to the admission fees stated.
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- No other mode of payment shall be permitted.
- The fees shall be paid by the admitted candidates during the process of admission as per the guidelines given.

# INSTITUTE LEVEL SEAT FEES FOR ACADEMIC YEAR 2026-27

The fee structure for admissions through the Institute Level (IL) is proposed to remain aligned with the previous academic year, ensuring consistency and affordability for prospective students.

For A.Y. 2026–27, the **Institute Level** fees are expected to be:

- **₹4,00,000 per annum for Computer Engineering, Information Technology, and Artificial Intelligence & Data Science**
- **₹3,00,000 per annum for Electronics & Telecommunication and Chemical Engineering**

For admissions under the **NRI and Against NRI categories**, the fee structure is proposed as:

- **₹6,00,000 per annum for NRI Admissions**
- **₹5,00,000 per annum for Against NRI Admissions**

***Note: The CAP Level Admission fee is expected to be approximately ₹2,15,000 per annum.***

The institute ensures complete transparency and adherence to regulatory norms in all fee-related processes. Additionally, a wide range of scholarships, government schemes, and financial assistance initiatives are available. With strong support from philanthropic organizations and alumni, a significant number of students benefit from financial aid each year, making quality education accessible and inclusive.

# **CAP Level FEES FOR ACADEMIC YEAR 2026-27 (Subject to Approval)**

The fee structure for the Academic Year 2026–27 at **Thadomal Shahani Engineering College (TSEC)** is currently under consideration by the **Fee Regulating Authority (FRA)** and will be notified upon formal approval.

As per provisional estimates, the fees under the **Centralised Admission Process (CAP)** level admissions are expected to be approximately **₹2,15,000 per annum**, subject to final sanction by the FRA.

At TSEC, utmost importance is placed on **transparency, fairness, and strict adherence to regulatory norms** in all fee-related processes. The institute further ensures accessibility to quality education through a robust support system comprising **government scholarships, freeships, and financial assistance schemes**. Backed by strong philanthropic and alumni support, a substantial number of students benefit from reduced financial burden each year.

# COLLEGES MANAGED BY THE BOARD

- Rishi Dayaram National College of Arts & Science, Bandra(W), Mumbai 400 050.
- Kishinchand Chellaram College of Arts and Science, Churchgate, Mumbai 400020.
- Kishinchand Chellaram Law College, Churchgate, Mumbai 400 020.
- Hassaram Rijhumal College of Commerce and Economics, Churchgate, Mumbai 400 020.
- Smt. Mithibai Motiram Kundnani College of Commerce & Economics, Bandra (W), Mumbai 400 050.
- Smt. Chandibai Himathmal Mansukhani College of Arts, Science and Commerce, Ulhasnagar 421 003.
- Bombay Teachers' Training College, Colaba, Mumbai 400 005.
- Prin. K.M. Kundnani College of Pharmacy, Cuffe Parade, Mumbai 400 005.
- Gopaldas Jhamatmal Advani Law College, Bandra (W), Mumbai 400 050.
- Watumull Institute of Electronics Engineering and Computer Technology, Ulhasnagar 421 003.
- Thadomal Shahani Engineering College, Bandra (W), Mumbai 400 050.
- HSNCB's Dr. L.H. Hiranandani Pharmacy College, Ulhasnagar 421 003.
- HSNCB's H. & G. Himathmal Mansukhani Institute of Management, Ulhasnagar 421003.
- Nari Gursahani Law College, Ulhasnagar 421 003.
- Prin. K.M. Kundnani Pharmacy Polytechnic, Ulhasnagar 421 003.
- K.C. College of Management Studies, Churchgate, Mumbai 400 020.
- HSNC University, Mumbai – 400 018.

# **“Why Engineering is Still the Most Preferred Educational Program”**

Total expenditure incurred for the course:	<b>Less than 12 Lacs</b>
Compensation from industry/ business on campus placement:	<b>12 Lacs per annum</b>
Time required to recover the investment of four year program:	<b>Less than 15 months</b>

## **Additional Benefits**

Productive work culture

Higher degree of problem solving abilities

Exposure to engineering technologies

Initiated to social outreach and real time functional areas

Developing a repertoire of new jargons and tokens

*“Perfection is achieved, not when there is nothing more to add,  
but when there is nothing left to take away.”  
- Antoine de Saint - Exupery*

