



Conferred Autonomous Status by University Grants Commission (UGC) for 10 years w.e.f. AY 2019-20

ISO 9001:2015
Certified
Institute

NBA
Accredited
Programs

NAAC Accredited
Institute
with 'A' Grade

AICTE-CII Survey rating
in Platinum category for
Industry linkages

IMC Ramkrishna Bajaj National
Quality Award (RBNQA) in 2015
for Performance Excellence

Among Top 250 Colleges
in NIRF Ranking
2019-20 & 2020-21

68th & 78th in All India Rank by Outlook
survey published in June 2019 &
May 2018 respectively

Your Platform to Build a Bright Future

Admission Brochure

A. Y. 2023-24

*Igniting Minds...
Inspiring Students...*

Zagdu Singh Charitable Trust's (Regd.)

THAKUR COLLEGE OF ENGINEERING & TECHNOLOGY

Autonomous College Affiliated to University of Mumbai

Approved by All India Council for Technical Education(AICTE) and Government of Maharashtra

A - Block, Thakur Educational Campus, Shyamnaranayn Thakur Marg, Thakur Village, Kandivali (East), Mumbai - 400 101

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Conferred Autonomous Status by University Grants Commission (UGC) for 10 years w.e.f. AY 2019-20

ISO 9001:2015 Certified Institute	NBA Accredited Programs	NAAC Accredited Institute with 'A' Grade	AICTE-CII Survey rating in Platinum category for Industry linkages	IMC Ramkrishna Bajaj National Quality Award (RBNQA) in 2015 for Performance Excellence	Among Top 250 Colleges in NIRF Ranking 2019-20 & 2020-21	68th & 78th in All India Rank by Outlook survey published in June 2019 & May 2018 respectively
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VISION

Thakur College of Engineering and Technology will excel in Technical Education to become an internationally renowned premier Institute of Engineering and Technology

MISSION

To provide state-of-the-art infrastructure and right academic ambience for developing professional skills as well as an environment for growth of leadership and managerial skills to students which will make them competent engineers to deliver quality results in the industry

CORE VALUES

- Integrity & Accountability
- Respect for each Individual
- Sensitive towards Social Responsibilities
- Unfettered spirit of learning, Exploration, Rationality & Enterprise
- Exploration & Enterprise for both Faculty and Students

CORE COMPETENCIES

- Structured & Guided Teaching Learning Methodology Maintaining Academic Rigor
- System - Driven - Student - Centric Approach
- Proactive Student Professional and Personality Development Programmes
- State - of - the - art Infrastructure meeting International Standards

Infrastructure at a Glance



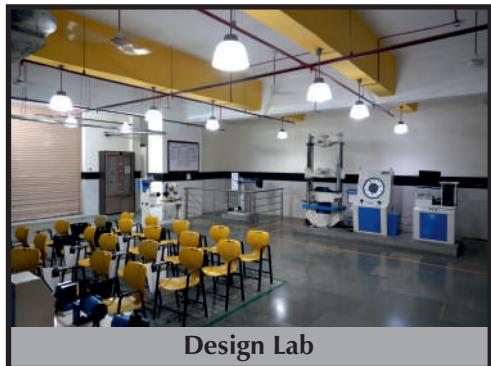
Geology Lab



Machine Shop



RAC Lab



Design Lab



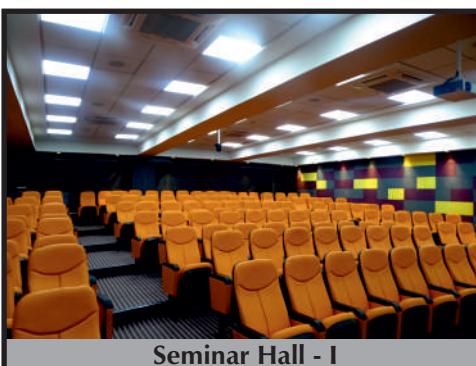
Computer Lab



Hardware Lab



Auditorium



Seminar Hall - I



Seminar Hall - IV



Class Room



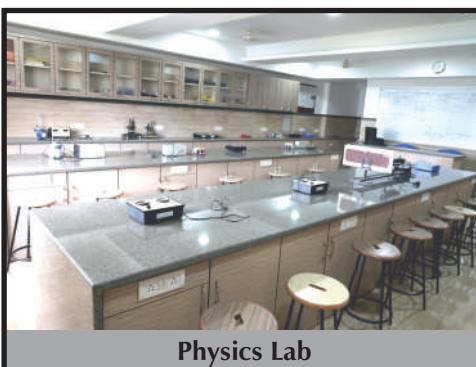
Library Reading Room



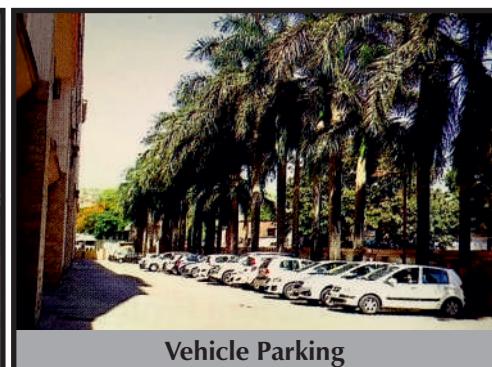
Tutorial Room



Chemistry Lab



Physics Lab



Vehicle Parking





Estd. 2001

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WINNERS SMART INDIA HACKATHON 2022



Team : ThatITGuy

Mentor : Dr. Kamal Shah

Team Leader : Arvind Gupta

Ministry

National Council of Educational Research and Training (NCERT),

Department of School Education & Literacy (DoSEL).

Nodal Centre

Sathyabama Institute of Science and Technology, Chennai



Team : One&Zero

Mentor : Dr. Sangeeta Vhatkar

Team Leader : Mr. Saket Pradhan

Ministry

Ministry of Ports, Shipping & Waterways

Nodal Centre

Chandigarh Group of Colleges (CGC)
Landran, Chandigarh



Team : Hydrophillic

Mentor : Dr. Harshali Patil

Team Leader : Anurag Ramashrai Singh

Ministry

Central Ground Water Board (CGWB),
Ministry of Jal Shakti

Nodal Centre

Prin. L.N. Welingkar Institute of Management
Development and Research, Mumbai



Team : Hexabyte

Mentor : Dr. Vidyadhari Singh

Team Leader : Gurleen Pannu

Ministry

All India Council for Technical Education (AICTE),
New Delhi

Nodal Centre

Chandigarh University,
Mohali



Team : Foxlint

Mentor : Mr. Sudhir Dhekane

Team Leader : Vivek Gupta

Ministry

Ministry of Electronics and Information Technology
(MEITY)

Nodal Centre

VNR Vignana Jyothi Institute of Engineering
& Technology, Hyderabad, Telangana



Team : #E-Tech

Mentor : Mrs. Archana Deshpande

Team Leader : Divmaan yadav

Ministry

Ministry of Ports,
Shipping & Waterways

Nodal Centre

Manav Rachna International Institute of Research
and Studies, Haryana

Organizers



Broadcast Partners



PERFORMERS (INTERNSHIP)

A.Y. 2022-23

BATCH 2023



GAURANG VISHWAKARMA
Electronics Engineering
Meta
₹ 8,100/- (₹ 7.29 Lacs)

BATCH 2024



VEDIKA MANDRE
Computer Engineering
Microsoft
(₹ 1.25 Lacs)

BATCH 2024



DHIRAJ CHAUHAN
Computer Engineering
Google Summer of Code
(₹ 1.23 Lacs)

BATCH 2024



ANSARI ANAM
Computer Engineering
Solana Foundation
(₹ 82,000/-)

BATCH 2024



VISHAL RAWAT
Computer Engineering
JP Morgan Chase & Co.
(₹ 70,000/-)

BATCH 2024



TEJAS NAIR
Computer Engineering
JP Morgan Chase & Co.
(₹ 70,000/-)

BATCH 2024



DHRUVI JIVANI
Information Technology
JP Morgan Chase & Co.
(₹ 70,000/-)

BATCH 2024



RADHIKA TAMHANKAR
Electronics & Telecommunication Engineering
JP Morgan Chase & Co.
(₹ 70,000/-)

BATCH 2024



RANA BRIJRAJSINGH
Information Technology
Stealth Design
(₹ 50,000/-)

Note : Student Details with Stipend more than ₹ 50,000/- per month

SUPER ★ PERFORMERS (PLACEMENT)

BATCH 2023



RIYA VISHWAKARMA
Computer Engineering
Amazon

**44.00
LPA**

BATCH 2022



GHADGE SAYALI
Computer Engineering
Mu Sigma

**30.00
LPA**

BATCH 2021



BHATT YASH
Information Technology
Mu Sigma

**30.00
LPA**

BATCH 2021



PURANIK ANUSHKA
Information Technology
Mu Sigma

**30.00
LPA**

BATCH 2021



DUBEY SWATI
Computer Engineering
Mu Sigma

**30.00
LPA**

BATCH 2021



GAUR GUNJAN
Computer Engineering
Mu Sigma

**30.00
LPA**

BATCH 2021



DUBEY GARIMA
Computer Engineering
Mu Sigma

**30.00
LPA**

BATCH 2021



SINGH ANUSHKA
Information Technology
Mu Sigma

**30.00
LPA**

BATCH 2020



JHA AAKASH
Information Technology
Mu Sigma

**21.00
LPA**

BATCH 2020



KHANDELWAL HARSHITA
Information Technology
Mu Sigma

**21.00
LPA**

BATCH 2020



SINGH SHIVANGI
Information Technology
Mu Sigma

**21.00
LPA**

BATCH 2019



AWASTHI ANAY
Computer Engineering
Mu Sigma

**21.00
LPA**

DEFENSE SECTOR

BATCH 2024



SURAJ GUPTA
Mechanical Engineering
Indian Navy for
Agniveer (SSR) 01/2023 Batch

BATCH 2023



VARUN PANDEY
Information Technology
Successfully Passed CDS & SSB
and joining Indian Navy as
Sub Lieutenant in Naval Aviation

BATCH 2021



TABMAY PHALKE
Information Technology
All India Rank 2nd in
Army officer's
Selection Board

SUPER ★ PERFORMERS (HIGHER STUDIES)

A.Y. 2022-23



AGARWAL NIPUN NAVIN
(COMPUTER ENGINEERING)
COLUMBIA UNIVERSITY- USA
QS WORLD RANK - 22



KULKARNI ATHARVA MILIND
(COMPUTER ENGINEERING)
COLUMBIA UNIVERSITY- USA
QS WORLD RANK - 22



KAUSHIK SHRINJAY SANJAY
(COMPUTER ENGINEERING)
COLUMBIA UNIVERSITY- USA
QS WORLD RANK - 22



RAWAT AMAN YATENDRA
(ELECTRONICS & TELECOM.)
UNIVERSITY OF MICHIGAN-USA
QS WORLD RANK - 25



SYED AMAN MD NOORUDDIN
(COMPUTER ENGINEERING)
UNIVERSITY OF MANCHESTER-UK
QS WORLD RANK - 28



JHANWAR TUSHAR MADHUSUDAN
(MECHANICAL ENGINEERING)
UNIVERSITY OF MANCHESTER-UK
QS WORLD RANK - 28



DUBEY SHRUTI
(COMPUTER ENGINEERING)
UNIVERSITY OF MANCHESTER-UK
QS WORLD RANK - 28



CHATURVEDI SHAURYA DEEPAK
(MECHANICAL ENGINEERING)
AUSTRALIAN NATIONAL UNIVERSITY
QS WORLD RANK - 30



SHANKARWAR TANUJVISHVAS
(COMPUTER ENGINEERING)
UNIVERSITY OF CALIFORNIA - USA
QS WORLD RANK - 53



SINGH NAMIT
(ELECTRONICS ENGINEERING)
WARWICK UNIVERSITY-UK
QS WORLD RANK - 64



JAIN AMAN RAKESH DEEPIKA
(COMPUTER ENGINEERING)
WISCONSIN MADISON -USA
QS WORLD RANK - 65



KABRA PALAK VINOd NAINA
(COMPUTER ENGINEERING)
GEORGIA INSTITUTE OF TECHNOLOGY -USA
QS WORLD RANK - 86



GUPTA ALISHA
(INFORMATION TECHNOLOGY)
UNIVERSITY OF BIRMINGHAM-UK
QS WORLD RANK - 91



CHOPDA RISHABH
(COMPUTER ENGINEERING)
UNIVERSITY OF BIRMINGHAM-UK
QS WORLD RANK - 91



HEDGE VIGNESH
(ELECTRONICS & TELECOM.)
N. CAROLINA STATE UNIVERSITY-USA
QS WORLD RANK - 102



RUHELA VIVEK LOVEKUMAR
(INFORMATION TECHNOLOGY)
UNIVERSITY OF ADELAIDE-AUSTRALIA
QS WORLD RANK - 109



NEHA VINAMRA
(ELECTRONICS ENGINEERING)
UNIVERSITY OF SOUTHERN CALIFORNIA (USA)
QS WORLD RANK - 134



MITALI RATHOD
(INFORMATION TECHNOLOGY)
DARTMOUTH UNIVERSITY - USA
QS WORLD RANK - 191



ADWAIT BATWALKAR
(MECHANICAL ENGINEERING)
UNIVERSITY OF STUTTGART - GERMANY
PUBLIC UNIVERSITY (100% FEE WAIVER)



KUPERKAR SUDITI
(MECHANICAL ENGINEERING)
HRW UNIVERSITY - GERMANY
PUBLIC UNIVERSITY (100% FEE WAIVER)

SUPER ★ PERFORMERS (COMPETITIVE EXAMS)

A.Y. 2022-23

Graduate Aptitude Test in Engineering (GATE)



TODMAL SHREYA ATUL
(CIVIL ENGINEERING)
GATE SCORE – 521 / 1000
ALL INDIA RANKING - 117



MISHRA SAURABH RAJESH
(COMPUTER ENGINEERING)
GATE SCORE – 769 / 1000
ALL INDIA RANKING - 200



KALE CHAITANYA HANUMANT
(COMPUTER ENGINEERING)
GATE SCORE – 746 / 1000
ALL INDIA RANKING - 262



RATHOD SHREYAS
(CIVIL ENGINEERING)
GATE SCORE – 671 / 1000
ALL INDIA RANKING - 608

Graduate Record Examination (GRE)



UPADHYAY PRAKASH
(INFORMATION TECHNOLOGY)
GRE SCORE – 338 / 340



DHERE DAKSHAL BABA
(COMPUTER ENGINEERING)
GRE SCORE – 333 / 340



DEHIYA HARNEETKAUR SINGH
(ELECTRONICS & TELECOM.)
GRE SCORE – 331 / 340



RATHOD MITALI HITENDRA
(INFORMATION TECHNOLOGY)
GRE SCORE – 328 / 340

International English Language Testing System (IELTS)



KOTHARI RITIK
(MECHANICAL ENGINEERING)
IELTS SCORE – 8 / 9 BAND



LOHANA BHAGWAT SUNIL
(CIVIL ENGINEERING)
IELTS SCORE – 8 / 9 BAND



DIXIT AARYAN
(INFORMATION TECHNOLOGY)
IELTS SCORE – 8 / 9 BAND



DALVI NIHAR
(ELECTRONICS ENGINEERING)
IELTS SCORE – 8 / 9 BAND

Test of English as a Foreign Language (TOEFL)



BAGAL PRATHAMESH SANJAY
(COMPUTER ENGINEERING)
TOEFL SCORE – 117 / 120



DHERE DAKSHAL BABA
(COMPUTER ENGINEERING)
TOEFL SCORE – 116 / 120



RAWAT AMAN YATENDRA
(ELECTRONICS & TELECOM.)
TOEFL SCORE – 113 / 120



CHIRMLEU ADVAIT ASHUTOSH
(ELECTRONICS & TELECOM.)
TOEFL SCORE – 111 / 120

Common Entrance Test / Common Admission Test (CET/CAT)



NAVENDU JALAN
(ELECTRONICS ENGINEERING)
CET SCORE – 99.06 PERCENTILE



SAVE ESHAN KIRAN
(COMPUTER ENGINEERING)
CAT SCORE – 98.05 PERCENTILE



ARJAV KANTILAL DESAI
(COMPUTER ENGINEERING)
CET SCORE – 98.83 PERCENTILE



DUBEY LAVKUSH PARASNATH
(CIVIL ENGINEERING)
CET SCORE – 95.30 PERCENTILE

Chairman's Message



In the twenty-first century, advances in science and technology have changed people's lives by giving them luxuries in every area. Science and technical revolutions are inexorable because they support economic growth, advancements in healthcare, education, and infrastructure, as well as the fulfilment of all human needs. As a result, youngsters have a wider range of possibilities to work towards their career. As they are the leaders of the next generation, science and technical institutes are essential to maximising these opportunities.

All these requirements led to the creation of the autonomous Thakur College of Engineering and Technology (TCET), which has been expanding rapidly. We think that Generation Y is the generation that will establish nations and change the globe. In accordance with our mission statement, the institute thus offers the best academic environment, high-quality instruction, and cutting-edge facilities of global standards. Our consistent academic excellence, student participation and awards at the state and national levels, successful placement rates, industry partnerships, national and international recognitions and awards are just a few of the achievements that enhance the institute's reputation.

We offer venues for co-curricular and extracurricular activities that aid in students' overall development in addition to academic success. In order to instil social, moral, ethical, and universal principles that help them become responsible global citizens, student-led groups, social, cultural, and sporting events, among many others are held. Numerous accomplished students from around the world and happy parents are living examples of our success in the technical education.

You are all cordially invited to TCET for the thrilling journey towards success. Let me reassure you that the TCET campus environment will make these early years of your professional career worthwhile to cherish.

V. K. SINGH
Chairman

CEO's Message



"You've got to find what you like. Your work is going to fill a large part of your life, and the only way to be truly satisfied is to do what you believe is great work. And the only way to do great work is to like what you do". - Steve Jobs

Thakur College of Engineering & Technology (TCET) creates an everlasting image in the mind of students and inspires them to emulate what they have just been exposed to in the classroom. Certainly, our institute will unveil the dimension to touch professional excellence in the most memorable way.

Our society is evolving rapidly in many ways, which will profoundly impact educational institutions' roles. In this changing world, knowledge will remain an essential resource throughout the globe. The dynamics of the ever-changing world urge us as academicians to give the right incentive for making life-long learners with creativity, persuasion, collaboration, problem-solving, adaptability and emotional intelligence out of students. In our institution, we strongly integrate social obligations with the need to comprehend cutting-edge technologies and promote ethical reasoning into the learning agenda in a comprehensive way. This ensures to offer an intellectually challenging and rewarding atmosphere.

TCET has achieved an incredible mark in the technical education arena ever since its inception. It has been working relentlessly towards providing the highest quality of professional education to students with the objective of equipping them for a global career. We provide a platform to fulfil your most-cherished dreams and hopes. Our focus on continuous development, emphasizing quality teaching and a sense of belongingness of the qualified and experienced faculty has brought laurels to our credit. Self-reliance and self-sufficiency are the Hallmarks of our education system. To carve a niche in your ambitious plans is our commitment.

I am sure, a student aspiring to seek admission in our prestigious **institute** is bound to meet success. I wish you all a bright and prosperous future.

KARAN SINGH
CEO

Principal's Message



I warmly welcome all aspiring engineering students to **Thakur College of Engineering and Technology**. With cutting-edge research methods and technology, the highly qualified and experienced faculty at TCET is dedicated to aid students in unfolding their academic potential. Excellence is given the utmost attention at our institute as we uphold the highest standards of education and are dedicated to pushing its boundaries. Our dedication to excellence extends beyond the classroom; we take a lead role in conducting conferences, workshops, seminars, guest lectures, and other extracurricular events. These exercises encourage students to think creatively and critically, significantly enhancing their professional success. This has turned TCET into a touchstone for holistic multidisciplinary education.

Engineering is a discipline dedicated to problem-solving through the creative application of principles in science and mathematics. Engineers are multifaceted thinkers who produce original and valuable solutions to diverse problems. They not only connect science and technology with society but also are the pillar of our nation's industrial and technological advancement. I am proud to announce that Thakur College of Engineering and Technology, since its inception in 2001, has been concentrating on newly emerging technological innovations and empowering students to solve tomorrow's challenges.

TCET will prepare you with a breadth of engineering skills and knowledge while developing specific expertise and analytical skills in an area of technical specialisation. Through our application-based courses, you will gain hands-on, real-world experience that will allow you to succeed in the industry, pursue graduate studies, or start a business in your chosen specialisation or general engineering practice. Our industry-oriented curriculum has given TCET a strong placement record.

I invite you to join this vibrant and exciting new world of science and technology, and I wish all aspiring students the best of luck in a rewarding career and a bright future!

DR. B. K. MISHRA
Principal

Vice-principal's Message



Thakur College of Engineering and Technology (TCET) is an Autonomous College that stands for excellence in education, innovation, and holistic development of its students. TCET also strives to provide world-class education to its students. At TCET, we believe that education is not just about academics but also about developing critical thinking, creativity, leadership, and problem-solving skills that will prepare our students to become successful and responsible global citizens.

TCET takes pride in its autonomy, which allows us to offer a constantly updated curriculum to meet the evolving needs of the industry and the job market. Our highly qualified and experienced faculty are committed to providing a challenging and stimulating learning environment that fosters essential life skills. This combined with our commitment to excellence makes us an ideal choice for those seeking a world-class education. Our academic programs are designed to impart theoretical knowledge and provide practical experience to our students, enabling them to excel in their chosen fields.

The institute has state-of-the-art facilities and infrastructure, which provide a conducive learning environment for our students. Additionally, we provide a range of extracurricular activities, including sports and cultural events that foster the all-round development of our students. Our voluminous alumni network of successful professionals has proven time and again that TCET education is a solid foundation for a successful career. I invite you to explore the TCET brochure to learn more about our institute, our academic programs, and the opportunities we offer. We look forward to welcoming you to TCET.

DR. KAMAL SHAH
Vice-principal

Dean (Student & Staff Welfare)



It is certainly a great pleasure to welcome you to Thakur College of Engineering and Technology. I would appreciate your wise decision of joining our institution to be an engineer who believes to change the world for the betterment of human beings. The educational qualification of students should be skilled enough to suit the high requirements of the numerous technology-based industry. As Technical Education is the backbone of every nation and is the steppingstone for a country to move into the niche of a developed nation. TCET has over the years significantly bolstered the quality and availability of technical education, doubling the employment rate of graduates who are now better suited to the needs of the Indian industry.

Extracurricular and co-curricular activities strengthen the process of learning by teaching students the value of hard work, discipline, and fair play. These activities are conducted by the TCET student development and welfare team, 7 professional bodies, 3 social bodies and 2 clubs. These student bodies offer a plethora of activities and students have the flexibility to select, participate, learn, and grow as per their interests. We have a formal platform with 100 activity points to consolidate all the activities that students are participating in.

The state-of-the-art auditorium and seminar halls have played host to numerous Curricular, co-curricular, Extracurricular, and cultural activities. We strongly encourage students to participate in these activities and showcase their talent. Some of the major events conducted in TCET are Zephyr - A technical fest, T-Spark - An Intra College sports event, inertia –Inter College sports event, Reflex-An E-Sports inter college event, Progressive India-A debate, and presentation competition on technology vision 2035, Sojourn - An Annual Cultural event, Alumni Meet etc. I welcome you to enjoy academic learning with professional development and explore strategic fit in the corporate world for yourself. I strongly believe that you will experience the best ambience in our institute for your fruitful journey in the world of technology.

DR. LOCHAN JOLLY
Dean
(Student & Staff Welfare)

Dean (Research & Development)



Thakur College of Engineering and Technology has continually endeavoured to promote an R&D culture comparable to that of prominent Institutes around the world. Regular workshops, conferences, seminars, industrial exchanges, lectures on intellectual property awareness, and other events are regularly attended by our employees and students. The college has included RBL in the undergraduate curriculum, giving students a formal setting to carry out their research plans under the qualified guidance of professionals for better chances. Faculty members have received research support from the University of Mumbai, the AICTE, the DST, and other financial agencies.

To aid with research and project development, we have a central library with reliable e-learning resources. The R&D cell also has a bank of electronic components that students can use to borrow items for their projects. Students from all disciplines work on various projects. Where they work on a range of technologies, including, among others, phonetics, the hyperloop, balloon satellites, aerospace technology, hybrid engines, and open-source software development.

High-calibre publications that contain the findings of these research activities are published. Our faculty and students have filed 40 patents. 14 patents granted by the Australian, German, and Indian Patent offices. We also acquired 13 copyrights and 4 trademarks. Students regularly compete in project competitions, winning accolades, recognition, awards, and fellowships through organisations like the Smart India Hackathon, Avishkar, and others. Candidates for the PhD (Technology) in computer engineering, information technology, or electronics & telecommunication engineering may use the institute as a research hub. Various initiatives under R&D helping institute to develop the strong base for research oriented internship and consultancy.

Best of luck to all aspiring students for their career in engineering and technology!!!

DR. VINITKUMAR DONGRE

Dean

(Research & Development)

Dean (Academic)



Greeting you and outlining the academic plan at TCET gives me great pleasure. Through a high-quality education, we aspire to transform a young, enthusiastic student into a professionally competent engineer who can face the demands of the industry. Inspired by the guiding concepts of "Academic excellence," "Innovation," and "Professionalism," TCET aspires to prepare a workforce comparable to the best in the country through a learner-centric, dynamic approach to education. The emphasis is on giving students technical training so they may develop their creativity and curiosity and establish the groundwork for their ability to learn quickly and adapt to different industries.

Since we gained autonomy in 2019, we have made sure that the traditional curriculum has undergone a significant number of beneficial changes in order to produce a curriculum of the highest calibre and a dynamic learning environment for our students. The curriculum is created to give students a solid foundation in the foundations, the ability to apply it to real-world issues, and the capacity to design, implement, and analyse various systems, processes, and products. The inclusion of courses in all subject areas—including humanities, sciences, technology, etc.

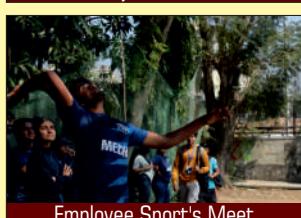
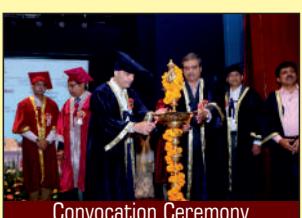
A transformational education is provided to TCET students, who are also expected to embrace the greatest standards of morality, professionalism, and ethics. I am confident that the organisation would benefit from the technical and managerial talents of our pupils. We believe that "engineers make the best of a situation by making it better, and engineering careers are not built in comfort zones." I would like to welcome everyone to TCET and wish them well on their educational path.

DR. SHEETAL RATHI
Dean (Academic)

ABOUT INSTITUTE

Thakur College of Engineering & Technology (TCET) is an autonomous and linguistic minority Institute. It was established in A.Y 2001-02 with a clear objective of providing quality technical education in tune with international standards and contemporary global requirements. TCET offers 11 U.G., 3 PG., and 3 Ph.D. (Tech.) programmes. TCET is an ISO 9001:2015 certified and certification has helped Institute to develop a student centric process driven system required for quality education in the 21st century. As a result, Institute is accredited by NAAC with an "A" grade and all eligible programmes are accredited by NBA for three years. Some of the programmes are accredited multiple times. Moreover, all programmes are permanently affiliated with the University of Mumbai. TCET is the recipient of reputed IMC - Ramkrishna Bajaj National Quality Commendation Certification 2012 (Education) followed by IMC - Ramkrishna Bajaj National Quality Award 2015 (Education). In July 2016 TCET has been selected for Asia Pacific Quality Award (APQA) for the best in the class award in the education category from Global Pacific Quality Award (GPQA). TCET has been awarded in the category of "Excellent Performing & Innovative Engineering Institute in Maharashtra" at the National Maharashtra Education Summit & Awards 2016, jointly organized by the University of Mumbai & CMAI Association of India. TCET is a member of the National Entrepreneurship Network (NEN), Confederation of Indian Industry (CII) and Maharashtra Economic Development Corporation (MEDC) for active industry-institute interaction where TCET has been felicitated by CII-Education Excellence Forum for enhancing Industry Connect, Employability and Faculty Competency. For more details one can visit college Website www.tcetmumbai.in

Photographs of Campus Life



Institute Highlights

1. Established in A.Y. 2001-02 to improve quality Education in Engineering & Technology.
2. Approved by All India Council for Technical Education (AICTE), Government of Maharashtra (GoM) & Directorate of Technical Education (DTE).
3. Affiliated with University of Mumbai (UoM) where four courses are permanently affiliated.
4. Linguistic (Hindi) speaking minority institute since Inception.
5. State of the Art Infrastructure with conducive working and learning environment with focus on holistic education and active research.
6. Student Centric and process driven system.
7. **Quality** Initiative includes the implementation of quality model
 - Process based system based on ISO 9001:2015
 - Performance Based model based on Malcolm Baldrige Criteria Outcome based education based on NBA & NAAC criteria
 - Housekeeping & safety guidelines based on 6S model
 - Student Learning based on Bloom's Taxonomy
 - Life **skills** & lifelong learning based on 4H (Head, Heart, Hand & Health) model
8. Well balance between Curricular, Co-curricular & Extra Curricular activities in the ratio of 3:1:1 in terms of integration in time table.
9. Out house & In-house internship for giving practical knowledge (Support 4H model)
10. Active R&D and 3-3 I's for growth, development and sustainability
11. 100% assistance for professional placement which includes campus placement, placement for higher studies, self employment and entrepreneurship

COLLEGE INFRASTRUCTURE



Chemistry Lab



Visit Capt. J.V. Singh



IT LAB



Conference Room

Thakur College of Engineering and Technology is known for the state-of-the-art infrastructure and the world class educational facilities for engineering education. The outstanding infrastructure created conducive environment and the right academic ambience. Key infrastructure includes:

Auditorium

The college has a state-of-the-art, plushy, air-conditioned auditorium like none other in the city of Mumbai. It is equipped with the most modern lighting and sound systems. It is being used to host most of the seminars, inaugural and valedictory function that are a part of the many technical festivals / conferences / academic programmes. The annual cultural festival and annual day are also held in the auditorium. It is used for presentation for campus recruitment including pool camp by many companies. It has a seating capacity of 583 seats with Hi-Tech projection facilities.

Classrooms / Seminar Halls

Air-conditioned classrooms/seminar halls are well designed and well equipped with single seater benches. It ensures learning in peaceful and comfortable environment. Each classroom has the seating capacity up to 80. Institute has four seminar halls well equipped with audio-visual, smart boards, Internet, Wi-Fi connections and the seating arrangement viz cluster, class room, theater, conference arrangement etc. Seating arrangement varies from 26 to 180. These seminar rooms can also get digitally connected with the provision of streaming video facility.



Multicon-W 2023

COLLEGE INFRASTRUCTURE

Laboratories / Workshops

TCET takes pride in its well-designed and well equipped laboratories and workshops that cater to the need of students. The laboratories of Applied Sciences (Physics & Chemistry) are amongst the best in the city of Mumbai. These laboratories are exclusively used for First Year Engineering (F.E./F.T.) students. There is also a high-tech Language Laboratory to help students to improve their communication skills. Laboratories are well equipped with branded equipments, kits, computing facilities, computer based laboratories, Internet facilities, Latest Softwares, etc.

R&D and Incubation & Entrepreneur Development Cell (IEDC)

Thakur College of Engineering and Technology (TCET) believes in quality, relevance and sustainable education which is possible only with strong R & D activities. Research activities are encouraged at both departmental as well as institute level. Well equipped research laboratories have been established in the institute and additional facilities can be availed as per requirements. Academic research is carried out in the department and Idea to Entrepreneurship projects are Incubated in IEDC.

Cafeteria

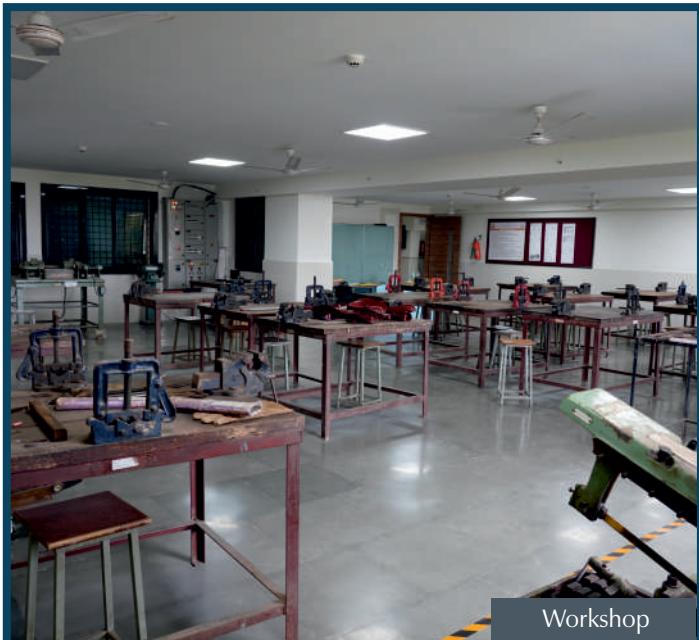
The College accommodates a large number of students in cafeteria. At a time more than 300 students can be served without social distancing and about 150 students can be served under social distancing norms. Highly nutritious, quality food with wide varieties are made available for students at affordable prices. Proper hygiene is maintained. Additional space is provided for cafeteria attached with auditorium. Tea and snacks are served wherever there is programme in auditorium.

Others

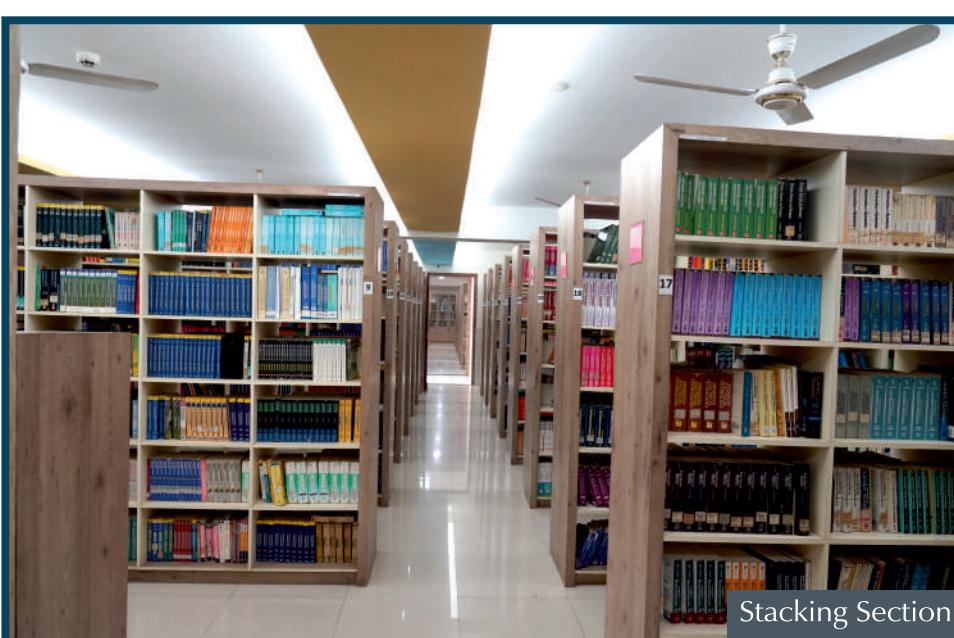
- State-of-the-art Rest Rooms for boys and girls on each floor
- Separate Rest Rooms for handicapped students available on each floors.
- State-of-the-art online gaming facilities.
- New 6 Hi-Tech High speed world class elevators for students.

Infrastructure at a glance

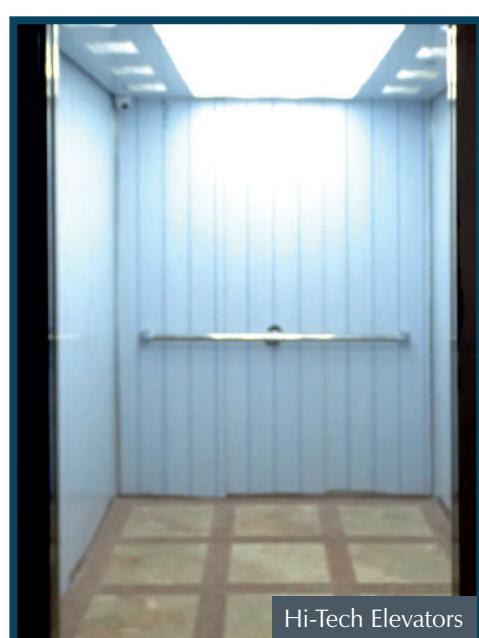
Class Rooms	:	57	Seminar Hall	:	03
Tutorial Rooms	:	14	Auditorium	:	01
Laboratories /			Cafeteria	:	01
Additional Workshop	:	74	Canteen	:	01
Computer Centre	:	03	Pantry for Staff	:	01
Language Laboratory	:	01	Workshop		
Central Library	:	01	(For All Courses)	:	03
Departments Library	:	11	Drawing Hall	:	03
Gymkhana	:	01	Common Room	:	02



Workshop



Stacking Section



Hi-Tech Elevators

COLLEGE INFRASTRUCTURE



ICT Infrastructure

Institute has an excellent infrastructure consisting of Local Area Network (LAN) on which 1200 computers are connected to INTERNET with the BW of 1.1Gbps. ERP with LMS is also deployed for campus management. Network Infrastructure highlight includes:

- High Speed Servers with 1200 Dell/ HP/ HCL Desktops, Workstations as Windows/ Linus clients. Microsoft Campus Agreement Licences and high end Application / Utility Software's.
- Robust Campus Network configured with Gigabit CISCO backbone switches and Optical Fibre, Windows / Linux servers with high speed Wi-Fi Connectivity.
- High Speed leased line connectivity having 1.1 Gbps bandwidth with integrated RP systems. A dedicated 4 Mbps lease line internet connectivity for IIT Bombay Remote Centre for faculty and student development and research programmes.
- Highly Secured Network with Fortinet 400E Firewall & Symantec Endpoint Antivirus for security through campus agreement.
- High Speed leased line connectivity in all classrooms & laboratories connected with INTERNET/Projection Facility
- Campus surveillance system with 200 high end CCTV cameras and DVRs with 15 days backup storage having facility to provide the footages to stakeholders on request. It has dedicated control room fitted with four TV displays, for monitoring of footages.



Recreation Room

In order to enjoy recreation during break / vacation, various facilities for indoor sports have been developed in the boys' and the girls'



College Multipurpose Hall

COLLEGE INFRASTRUCTURE

rooms. Some of the facilities include: table tennis, carom, chess etc. Multipurpose halls are created to organize viz. Yoga, meditation, motivational lectures, group activities etc.

Sports Ground

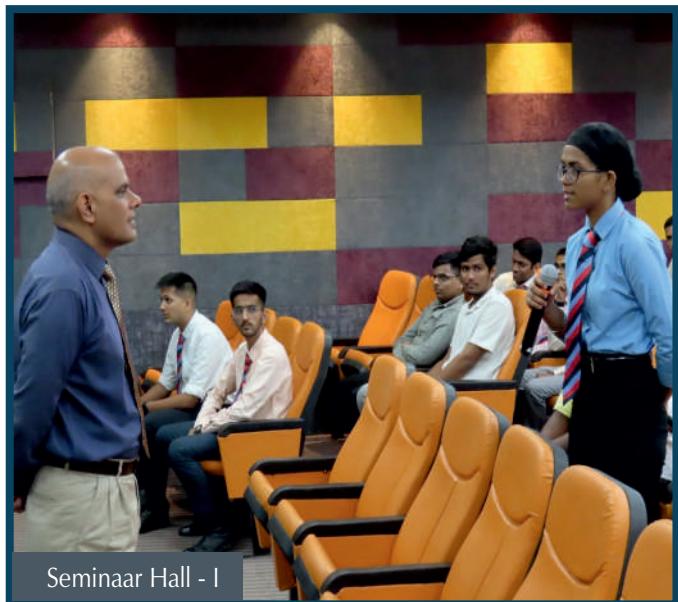
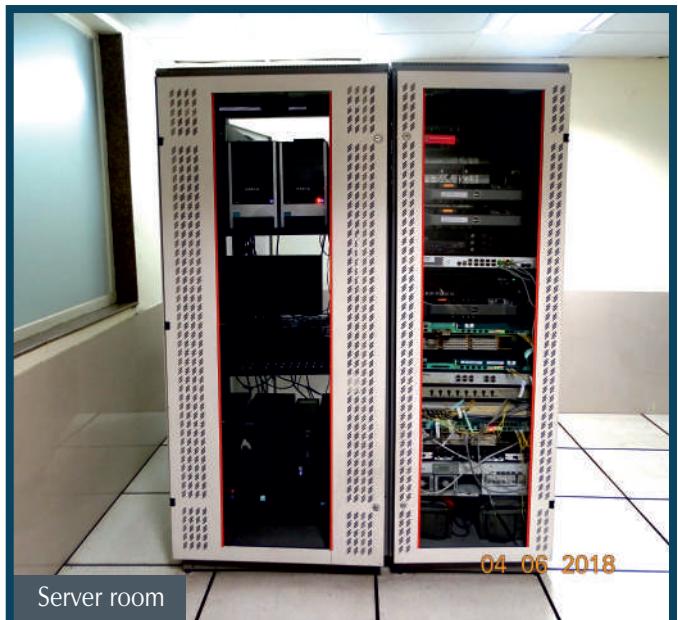
Adjacent to the college there is a large playground of 3.5 acres suitable for all kinds of sports activities. Sports facilities available in the ground includes: volleyball, badminton, throw-ball, foot-ball, cricket, kabaddi and many more out-door events. Thakur Cricket Stadium is also used to promote cricket. College is planning to install Military Training Structures to train students who are aspiring to join Defence Services and Armed Forces.

Boys & Girls Recreation rooms and Gymkhana

Institute has separate boys & girls common room. Both the rooms are with the facility of indoor games such as Carom, Table Tennis & Chess etc. Limited seating arrangements also provided. Common rooms are provided with the soft boards and storage space used for storing the sports goods such as football, basket ball, throw ball, tug of war, tug of shoes, Cricket Kits, Boxing Kits etc. Trophies won by the students are also displayed in these rooms.

In addition, Institute has Gymkhana equipped with Cardio Machine, Cycling, Weight Machine, Triceps Machine, Chest Machine, Shoulder Machine, Leg Machine & Back Machine.

Facilities are operational on working days from 9.30 am to 7.30 pm



TESTIMONIAL

Good initiative very thoughtful that status care for students. They really need such industry exposure. **Jaimin Shah**

Very supportive staff/ student volunteers Stream lined process Good interaction with students Overall a very positive experience. **Nileen Gohil, Kamini Software Solutions**

Its one of the best campus we have visited. We hired first in 2018 and we are visiting the campus since then we have got some great talents from Thakur College. The process in Thakur College COE is very structured and very smooth. Special thanks to Zaheer Alam sir for the awesome hospitality and support. **Digiklug Solutions India, Germany & Australia**

Students have taken efforts to find good literature on relevant topics and try to experiment in very good manner. Problem statement of the R.work need to be reframed in some priest. **Dr. Sunil Wankhade**

All the project groups are well versed with the problem statement and have thought about the solution in an innovative way. All the best for these projects. **Pratik V. Sonawane**

The project ideas presented are good and aligned to the industry trends. little more variety in the implementation would add value to it. **Dipen Visavadia**

Very helpful staff and coordination. Hospitality was great, great event Keep it up. **Poonam K Gajakosh**

An excellent institution. I am very happy to see the faculty taking interest in extracurricular activities and placement of students Keep it up. All the best. **Commander BKV Ved (Retired) Indian Navy**

Few innovative ideas across the board. They can do better in terms of thinking from holistic stand point and future scope. Overall good efforts from mentors and students. **Surabhi Srivastava**

Project ideas were really good. Given suggestions for innovation in it. **Dr. Nilesh Patil**

Excellent campus and support by the T&P cell. The process was extremely smooth and we are delighted by the hospitality. Looking forward to continued relationship with Thakur. **Sweedel Tandel, Rashi Varma, Kenneth P, Ayushi G, Unnati Chheda**

Well researched, used new tech. implementation may cover more use cases. **Shrinivas Singh**

Wonderful campus and discussion. Thank you for your joyous welcome. **Radhika Seshan, Dean, NEW BOSCO , USA**

I am really impressed with the campus and the infrastructure of the institute. It is one of the best engineering colleges I have visited. **Achint Kumar , Under Secretary M/o Education**

Good organising skills , mobilisation of stakeholders and inter connect of resources. **P. N. Jumla Director BOAT WR**

Very well coordinates T&P department Had a great exp w/students participation Looking forward to hire great talents from TCET Students can be trained for more problem solving and coding methods. **Toothsi**

Students have a very good thought process. We have to add some polishing on how the industry thinks and guide them. Good to see students are doing practical work. **Adarschandra Rai**

All projects presentation was good. Few projects are at complete state but for projects need further assistance and guidance. **Sridhar Donthurd**

Session was well organised. Students seem to be going on the right path. All the best. **Pranav Dave**

Students were well behaved but they can be more interactive. **Priyanka Sharma**

Faculty and staff of TCET better support Wonderful experience after long time. **Milind Deshpande Vertiv Energy**

Always a pleasure to come to the college. great hospitality and conduct. Wishing all of them the best. **Anvesh Joshi**

Very wonderful experience with TCET. Staff are very supportive. **Mr. Hari Shahi**

Why TCET



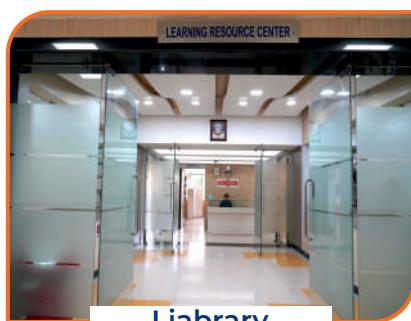
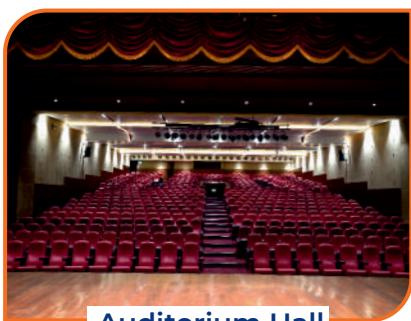
A. ACADEMIC AND CAREER

1. Advantages of most pragmatic, contemporary and futuristic curriculum and courses catering the needs modern industries and professional practices. All courses are integrated with sufficient computer knowledge as well as Emerging technology.
2. Traditional engineering curriculum is supplemented with interdisciplinary, Multidisciplinary, transdisciplinary and holistic education with rich industry oriented learning opportunities. Curriculum is conducted through physical, online as well as hybrid mode.
3. One of the best academic results including F.E. result where Final Year B.E. Results are almost 100%. More than 90% students pass with Distinction/First Class and Success rate (students complete the course in four years) is more than 88% in course Duration.
4. One of the very few institutes that provides multiple career placement opportunities. It is provided through industry connect programmes, internships, projects, traditional placement, placement through state/national level competitive examinations etc. More than 90% of the graduates are either placed for jobs mostly from campus or higher studies abroad in leading global institutions.
5. Curriculum and courses are fully aligned with NEP 2020 to produce the talented graduates with the potential for engineering professionals with multidisciplinary knowledge and competitive edge rather than only graduates.

B. FACULTY

1. Faculty is the backbone of any education system. Today TCET has more than 230 dedicated and committed faculty members for A.Y. 2022-23 with more than 30 senior faculty members. 60 faculty members are with Ph.D., and 30 faculty members are pursuing Ph.D.
2. Regular faculty is supported with more than 50 guest faculty / visiting faculty/ guest speakers for the delivery of industry or research oriented curriculum and in-house internship.
3. Well versed with the usage of 3Ts, pedagogy, andragogy and research guidance to make education contemporary to 21st century Needs.
4. Large number of publications to the credit of Faculty Members. Active participation and organization of seminars/workshops/training programmes to remain abreast with the currency of the knowledge including emerging technology.
5. Faculty members have rich teaching experience where the average experience is 15 years at TCET. They are well connected with various professional bodies and industries.

Why TCET



C. INFRASTRUCTURE

1. State of the art infrastructure augmented with modern facilities. Large open space for Co-curricular and Extracurricular activities Access to two playgrounds within the periphery of 500 m.
2. Infrastructure includes classrooms, tutorial rooms, laboratories, library, multiple seminar halls with multiple configuration, auditorium and other common facilities.
3. Infrastructure is well equipped with modern amenities, furniture and fixtures to provide a conducive environment for educational activities and also equip the students for a competitive edge.
4. ICT infrastructure with more than 1000 computers connected on high speed LAN and 1 Gbps leased line for Internet access.
5. Every department is connected with at least one industry aligned center of excellence, infrastructure for research under Student Special Interest Group (SSIG) and Professional body activity.

D. FACILITIES

1. Auditorium with 675 sitting capacity, vocation hall with 360 sitting capacity and 4 seminar halls catering the need of seminars, workshops, symposiums and other students' Co-curricular, Extra-curricular and Professional bodies of activities.
2. Central library with more than 35000 books with 119 printed journals, 8 E-Journals data basis covering more than 600 global research journal catering the need of the research activities in various departments.
3. Institute with maximum co-curricular and extra-curricular activities conducted under 12 Professional Bodies, 5 Social Bodies and army training of NCC.
4. Multiple platforms to support classroom teaching learning in hybrid mode of education. Activities conducted to improve education, quality of education and effective time management.
5. One of the best infrastructure for training students for industry qualification pack, in association with NASSCOM and other premier global corporations. It also supports online evaluation of students with a minimum 1000 nodes at a time.

TCET Educational Model



Academic, Skill, Research and Attribute development for academic independence, academic based career and academic leadership.



Multidisciplinary learning with the different disciplines of basic learning, minor and major subjects.



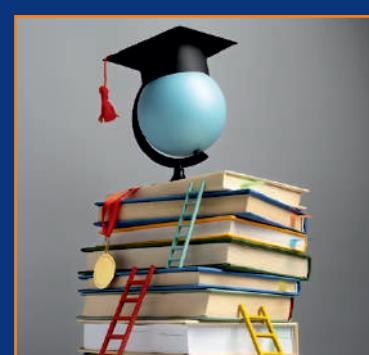
Specialisation in programme department elective as per programme needs, domain through major subjects, project management, multidisciplinary Projects.



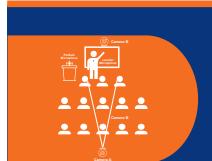
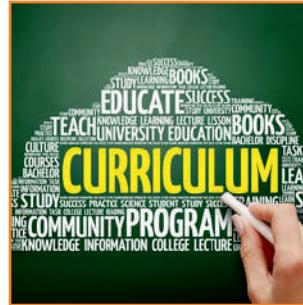
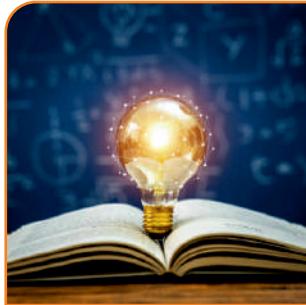
Co Curricular activities by Professional practices through HSD, industry elective, ind industry readiness, and global career with competitive edge.



Extracurricular for personality development, team building, organisational mindset, leadership, mentorship, holistic development.



TCET Education Curriculum Highlights



Hybrid mode of education (physical, online and trainer driven virtual/remote learning platform)



Aligned with national education policy. NEP 2020 and National credit framework (NCrF) adopted



Supports Holistic, multidisciplinary and specialised learning through the various offering viz Offering of major (Honors course) and minor (multidisciplinary)



Internships at multiple levels where in-house and outhouse are mandatory and industry professional internship as optional in final semester



Option of curriculum project in industry



Curriculum integrated with industry qualification pack for certification professional career and practice



Rich pedagogy, andragogy and heutagogy integrated to simplify teaching of learning, to make learning happen, make it practical oriented and students shall become independent learners for life long.

Competitive Edge



One of the best State-of-the-art- infrastructure and best facilities



Student centric process driven system where faculty is the backbone.



Trend setter for quality education visible from first institution to get ISO Certificate.



Institute with one of the highest intakes.



Only engineering institute with NCC (Army wing) unit.



Multiple career options and hence campus placement has renamed as professional placement



Students' Special Interest Groups



Highest number of students professional and social bodies and students' club



Only institute promote industry QP for industry alignment



First institute to start Minor/major based curriculum in E&T.



First institute to start the concept of pool campus in the year A. Y. 2006-07.

TCET Advantages



Advantages

01 State-of-the-art infrastructure with hostel facilities for outstation candidates, second to none. Institute meets the requirements of a world class educational environment conducive to teaching, learning and research.

02 Wide range of programmes with course diversity through effective inclusion of contemporary computer knowledge, industry practising skills, domain electives and minor for multidisciplinary and Major optional courses for specialisation (Honors degree).

03 Autonomous curriculum linked with industry and corporate practices and Industry profession certification with academic Load Neutrality to make learning stress free and engaging.

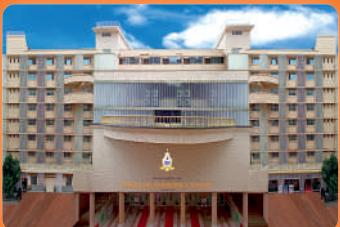
04 Activity rich campus where one can see the vibrancy of education engagement, learning diversity, culture, ethics and values. Student centric process driven system. Financial support through various government Scholarship schemes, institutes and philanthropists etc.

05 Students Industry connect programmes through institutional, professional and social bodies. Employability and professional development programme. Earn while learn through internship programmes.

06 Leadership, personality development, Aptitude Competency Training, Campus to Corporate training programme

07 One of the best professional placements with three tracks: campus placement, higher studies and entrepreneurship.

Institution Growth



01

Infrastructure has been more than doubled and ICT infrastructure has more than 10X computers on LAN with the campus agreement with Microsoft, Adobe, Matlab, LabVIEW, etc. and today one of the favourite destinations for online examination at national level. Since A.Y. 2020-22, TCET has the potential to support hybrid mode of TLP. In the future the institute wishes to have the online courses platform.



02

One of the biggest institutes in the state of Maharashtra with 11 UG courses, 3 PG and 3 Ph.D courses. Institute has grown from 180 in A.Y. 2001 to 1194 in A.Y. 2023-24. Intake -180 to 1234 today including all UG, PG and Ph. D. Today student strength in the campus is more than 3700. This is mainly because of consistent AICTE 100% compliances, NBA of UG programmes, continuous study and research to meet courses demand in the market.



03

Institute has developed the core competency where education is diversified to broaden the scope for active learning to three domains: Academics, Training, and R&D for the productive student life as well as the engineering career after graduation.



04

Traditional university curriculum upto A.Y. 2018-19 has been changed to industry linked professional curriculum after getting autonomy in A.Y. 2019-20 with additional provision of HSD, PSD, Major, Minor courses, Mandatory INTERNSHIP. These changes in curriculum make the TCET curriculum pragmatic, contemporary and futuristic.



05

Successful implementation of the Holistic education, 600 hrs Internship and 100 Activity points (AICTE) since A. Y. 2019-20 onwards. TCET is the first college to implement such a credit in the city of Mumbai. Implemented internship successfully for all students from F. E to B.E ensuring all students will complete a minimum 600hrs of internship. To ensure, all should complete as per schedule, provision has been added as in-house and out house internship with diversified scope.



06

Effective implementation of internship, AICTE 100 activity points with evaluation and assessment. It resulted into student employability skills, multinational placement and dream company placements of students through internship and hackathon path. It has increased the industry acceptance of our students.

Institution Growth



07

One social body and two professional bodies in 2005 has increased to six social/army training (NCC) chapters in A.Y. 2022-23, 5-6 clubs, 13 professional bodies, and one source organisation. TCET is the only institute to have an NCC wing and open source organisation in a private engineering college in maharashtra.



08

Students SR in the courses has consistently grown from 67% for Batch-2005 to more than 90% for Batch-2022 with almost 100% graduation rate. Alumni community of 180 in A.Y. 2004-05 to more than 10,000 spread globally in A.Y. 2021-22.



09

Today more than 300 companies accredited the institute for the initial years of campus placement, college was in tier-III for campus placement and has come in tier-II institutions after passing out of the first batch, Batch-2020 onwards under autonomy. Campus placement has improved from 45% to more than 90%. Many of the students are globally placed.



10

Maximum salary package is 44 lakhs and median and mean salary of around 6 lakhs in the current academic year which was merely around 3 lakhs for the first batch-2005.



11

After autonomy, campus placement scope has been further broadened. Campus placement path is supplemented with the placement through internship and apprenticeship. It also supports the students with Earn while Learning Scheme and also the global MNC placement.

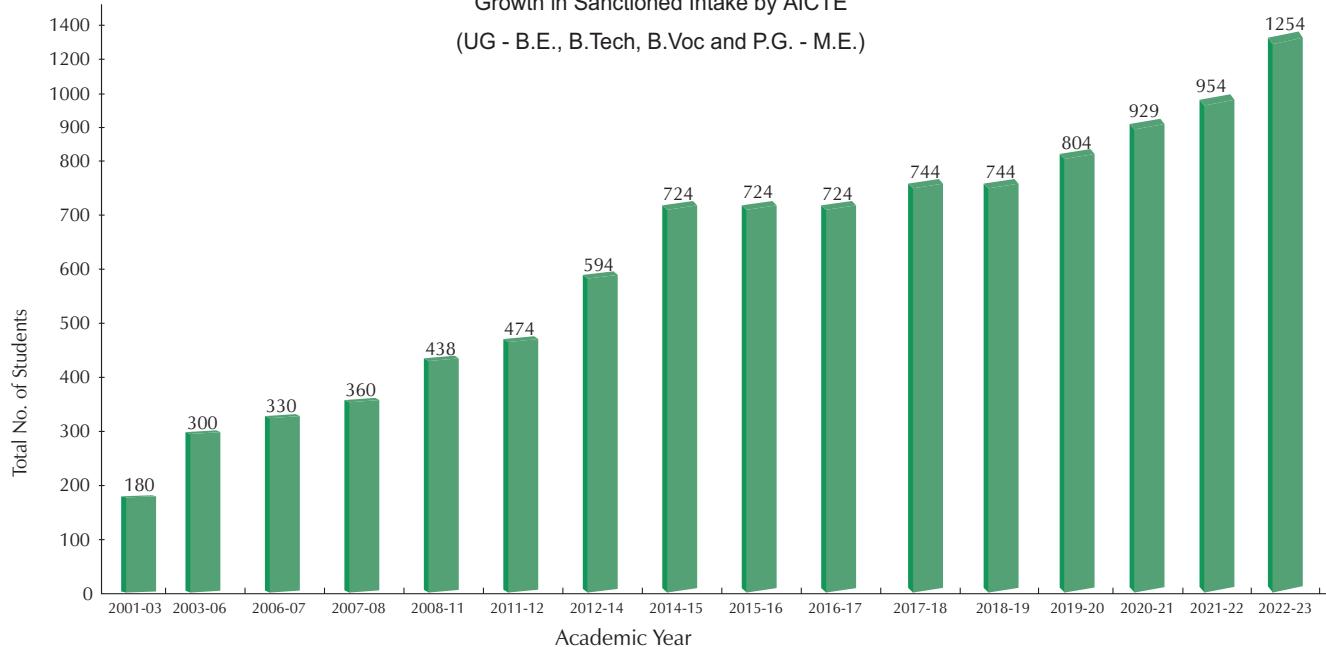


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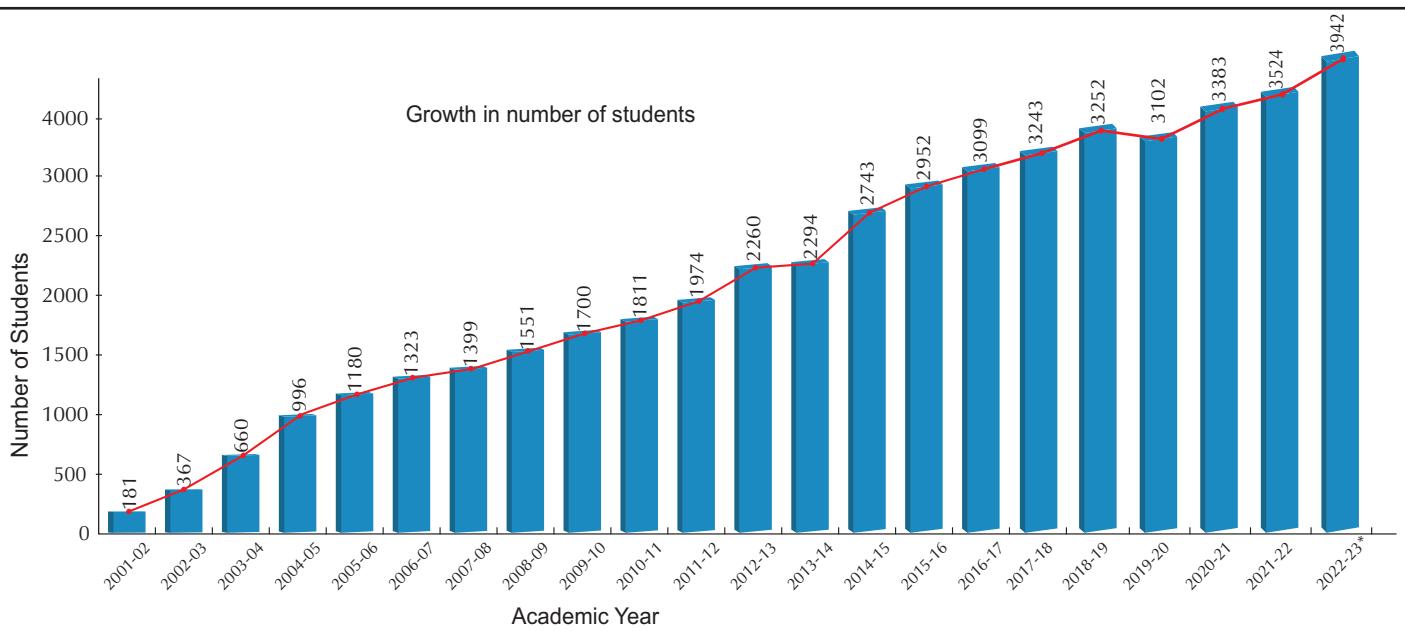
TCET is the only institute where campus placement is strengthened but also supplemented the career path with higher studies and online certification for enhancing the professional career which is one of the major pathways to international placement. Today more than 30% in the final opt for such track. Activities are run through the independent HOC cell contemporary to Training and Placement Cell.

Institutional Growth

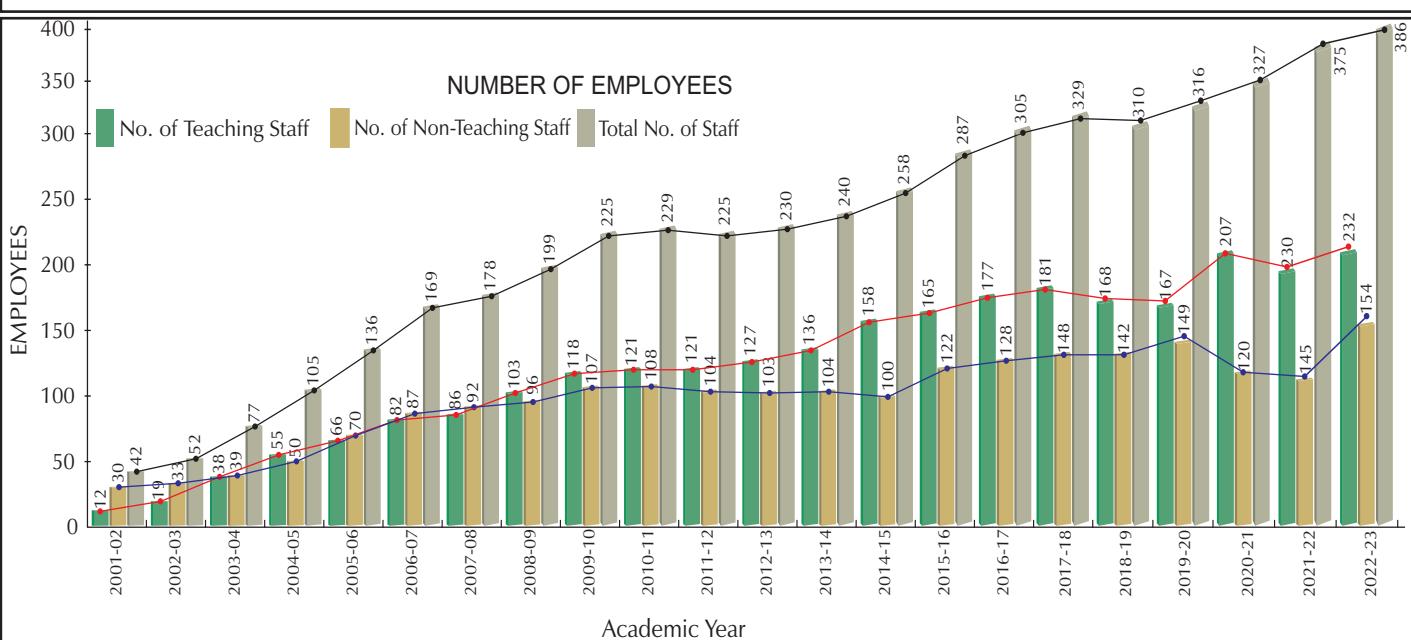
Growth in Sanctioned Intake by AICTE
(UG - B.E., B.Tech, B.Voc and P.G. - M.E.)



Growth in number of students



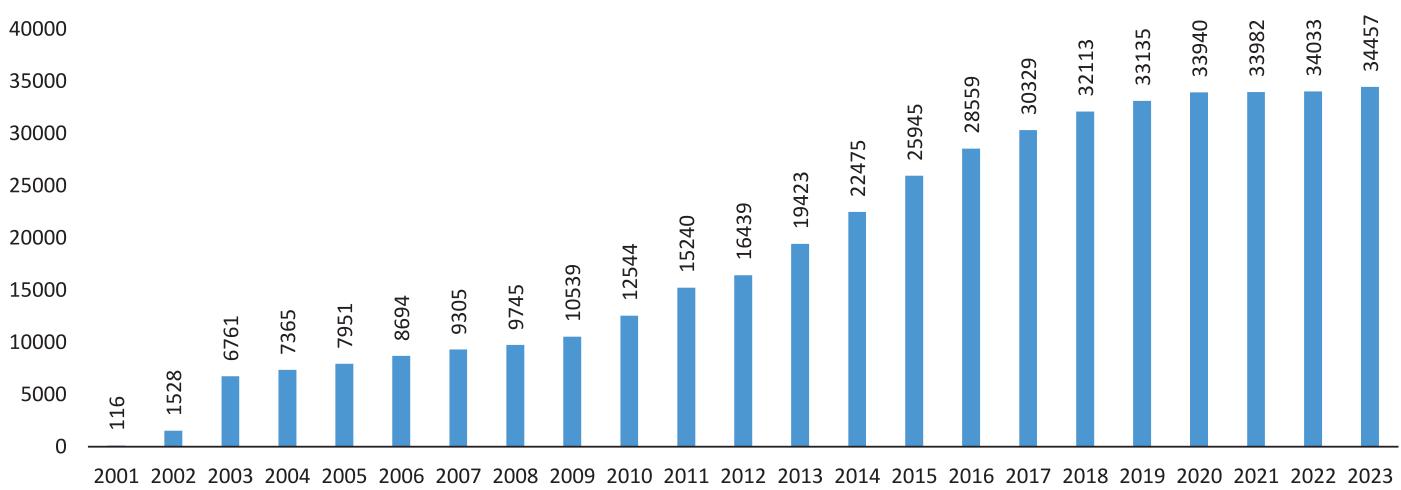
NUMBER OF EMPLOYEES



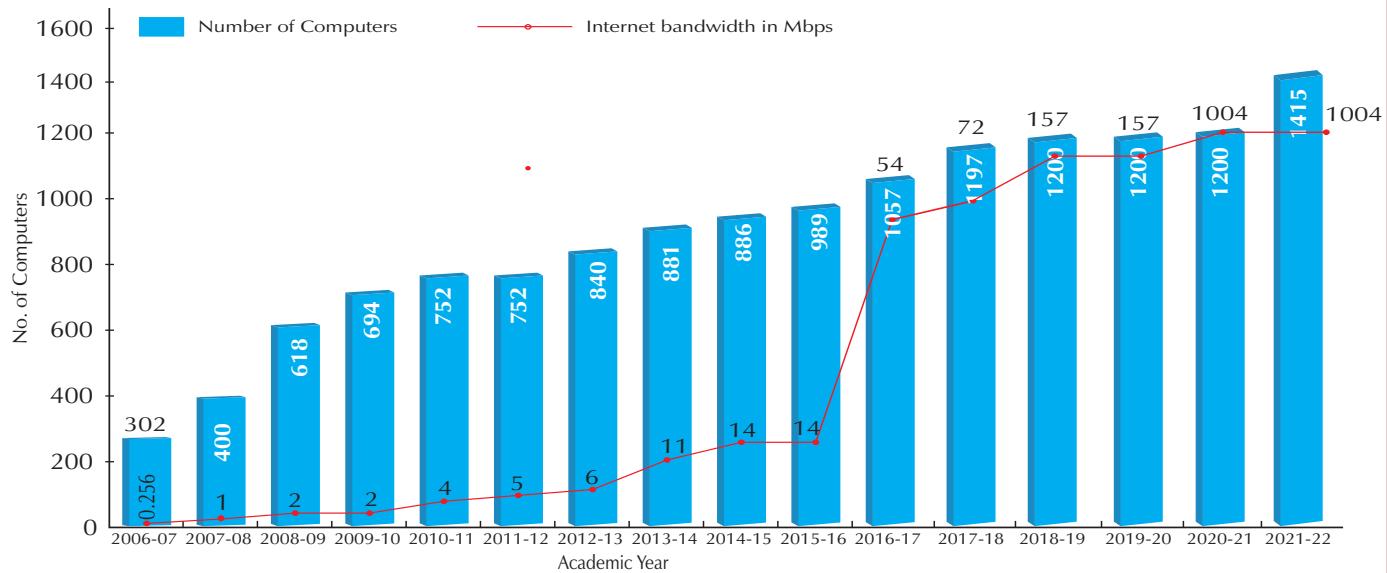
Institutional Growth

Library Holdings

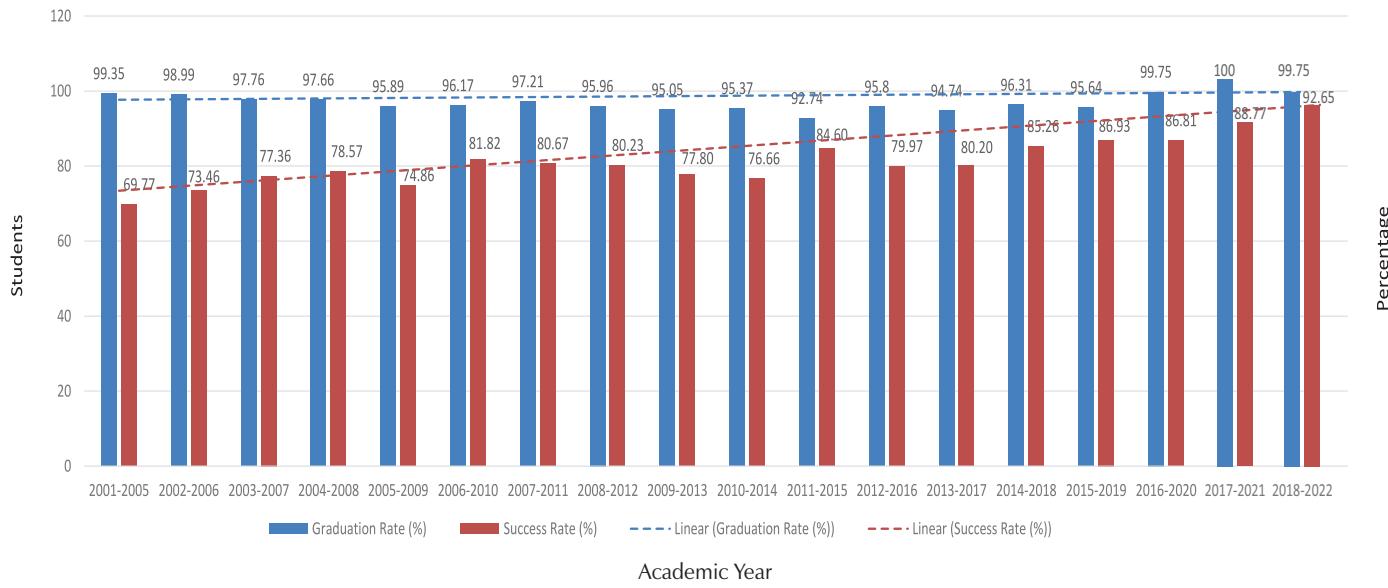
Book Growth



Computing Facilities & Internet Bandwidth



Graduation & Success Rate (Institute Level)



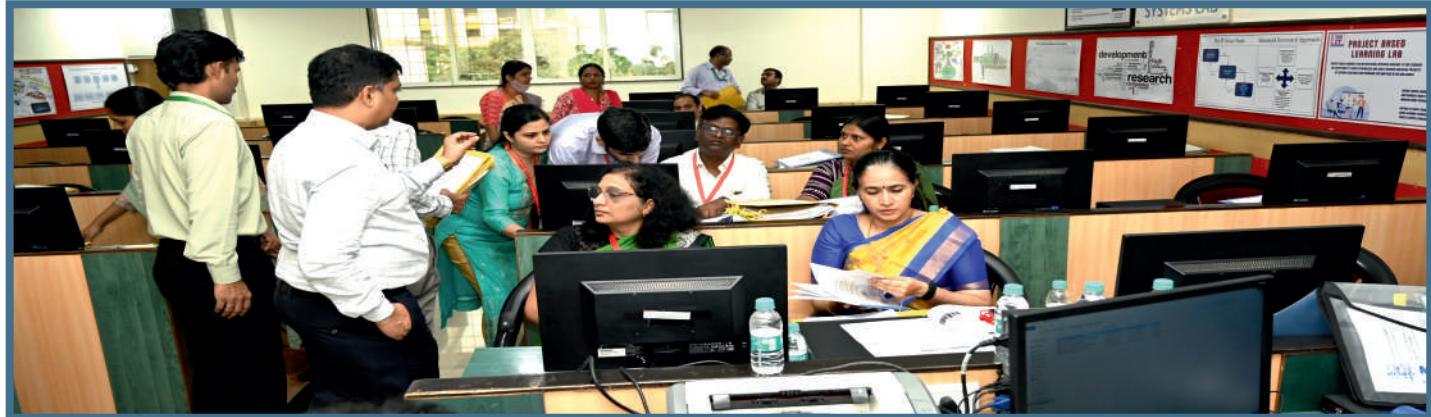
MARCHING TOWARDS EXCELLENCE...



Academic Year	Award
A.Y. 2022-23	<ul style="list-style-type: none"> • New B.Voc Courses in Animation and Graphic Design Started in A.Y. 2022-23 • New B.Voc Course in Software Development Started in A.Y. 2022- 23. • Increase in Intake in Ph.D. Courses in Computer Engineering (10 to 20 Seats), Information Technology (10 to 20 Seats) and Electronics & Telecommunication (10 to 20 Seats). • NBA Accredition for UG courses of COMP, IT, E&TC and E&CS for next 3 years. • Infrastructure upgraded International standard for all courses. • Increase in Intake in B.E. information Technology from 120-180 • Increase in Intake in B.Tech Artificial Intelligence and Data Science from 60 to 120
A.Y. 2021-22	<ul style="list-style-type: none"> • New B.E. Course in Computer science and Engineering (Cyber Security) Started in A.Y. 2021-22. • New B.E. Course in Mechanical and Mechatronics Engineering (Additive Manufacturing) started in A.Y. 2021-22 • New B.Voc Course in Artificial Intelligence and Data Science started in A.Y, 2021-22 • Change in the name of Course “Electronics Engineering” to “Electronics and Computer Science Engineering” started in A.Y. 2021- 22 • LIC visit for Permanent affiliation for Civil Engineering (UG), Mechanical Engineering (UG), M.E. Computer Engineering (PG), M.E. Information Technology (PG) and Electronics & Telecommunication Engineering (PG) done. • All India ranked 51 out of 1530+ colleges in India and ranked 9 out of 383 Colleges in western India A.Y. 2021-22. Ranking report of Internship Day 2021 by Internshala. • NBA Accreditation for UG courses of Civil and Mechanical Engineering for 3 years
A.Y. 2020-21	<ul style="list-style-type: none"> • Applied for NBA Accreditation for Civil (UG) Mechanical (UG) • Among Top 250 Colleges in NIRF India Ranking Conducted by MHRD for the A.Y. 2020 • New B.Tech Courses Under UG Program Introduced under emerging area-Artificial Intelligence and Data Science, Internet of Things (IoT) Artificial Intelligence and Machine Learning • TCET-NPTEL local Chapter stood 2 in Mumbai, 10 in Maharashtra and in top 5% amongst the local chapter of the country for the courses run during Jan - Dec 2020.
A.Y. 2019-20	<ul style="list-style-type: none"> • Applied for NBA Accreditation for Civil (UG) Mechanical (UG) • Among Top 250 Colleges in NIRF India Ranking Conducted by MHRD for the A.Y. 2020 • New B.Tech Courses Under UG Program Introduced under emerging area-Artificial Intelligence and Data Science, Internet of Things (IoT) Artificial Intelligence and Machine Learning • TCET-NPTEL local Chapter stood 2 in Mumbai, 10 in Maharashtra and in top 5% amongst on the local chapter of the country for the courses run during Jan - Dec 2020.
A.Y. 2018-19	<ul style="list-style-type: none"> • 68 Rank in All India Ranking by Outlook. • Computer Engineering intake increased from 120 to 180 • TCET has been included in the list of colleges under Section 2(f) & 12(B) of the UGC Act, 1956 • Three winners / runners in Smart India Hackathon 2019 software category • Recognized as Infosys Advance Partner under Infosys campus connect programme

A.Y. 2017-18	<ul style="list-style-type: none"> • 78 Rank in All India Ranking by Outlook. • ISO up-gradation from ISO: 9001: 2008 to ISO: 9001: 2015 • NAAC Accredited with 'A' Grade for 5 years (w.e.f. 30-010-2017) • Permanent Affiliation for ELEX course from A.Y. 2017-18 onwards • Establishment of Ph.D Research Centre in COMP & IT each with 10 intake. AICTE- CII survey rating for industry linkage - Platinum Category. • One Smart India Hackathon 2018 winner in Hardware category
A.Y. 2016-17	<ul style="list-style-type: none"> • NBA Accreditation has extended to 3 years. • Asia Pacific Quality Award, Academic Excellence Award • Smart India Hackathon 2017(AICTE Initiative), 4th and 10th AIR
A.Y. 2015-16	<ul style="list-style-type: none"> • Permanent affiliation of 3 UG programmes - COMP, E&TC, IT w.e.f. A.Y. 2015-16 • NBA Accreditation of four UG programmes - COMP, E&TC, IT & ELEX for two years w.e.f. 1st July 2016 • The first Institute from Maharashtra to win the Indian Merchants Chamber's IMC-RBNQA Award in Education Category • Received trophy from Higher Education Summit 2015 for Excellence in Education initiative • Recognized for outstanding contribution towards Infosys Campus Connect • Approved for IEDC Grant from the Department of Science & Technology, Government of India for the year 2016-2020
A.Y. 2014-15	<ul style="list-style-type: none"> • Establishment of Ph.D. Research Centre of UoM • 3rd re-certification of ISO 9001:2008 • Recognized by AICTE-CII survey as an Institute 'Meeting National Industry Standard' • Member of CII - Education Excellence Forum • Best Debutant Award for E-Week - India 2015 of NEN Technology, Government of India for the year 2016-2020
A.Y. 2013-14	<ul style="list-style-type: none"> • Started Civil Engineering. programme with 120 Intake • Recognized by AICTE-CII survey as an Emerging Institute
A.Y. 2012-13	<ul style="list-style-type: none"> • Starting of Mech. Engg. programme with 120 Intake • U.G. Intake increased to 540 with 5 Programmes • IMC-RBNQA Commendation Certificate for Performance Excellence in Education Category • Starting of 2nd Edition of International Conference & Workshop as MULTICON-W
A.Y. 2011-12	<ul style="list-style-type: none"> • NBA Accreditation of 3 UG programmes - COMP, E&TC & IT for 3 years w.e.f. 16.9.2011 • 2nd re-certification of ISO 9001:2008 • Starting of P.G. Programmes with 18 Intake in each in COMP & IT
A.Y. 2009-10	<ul style="list-style-type: none"> • ISO up-gradation from ISO 9001:2000 to ISO 9001:2008 • BEQET-NCQM Quality Award in Exam Results - IIInd Prize • Starting of International Conference & Workshop as a yearly event - ICWET as First Edition
A.Y. 2008-09	<ul style="list-style-type: none"> • 1st re-certification of ISO 9001:2000 • Starting of ELEX programme with 60 Intake • Starting of P.G. with 18 Intake in E&TC • BEQET-NCQM Quality Award in Library Process - Recognition • Applied for NBA accreditation for COMP, E&TC & IT (1 Application)
A.Y. 2003-07	<ul style="list-style-type: none"> • U.G. Intake increased to 360 (A.Y. 2006-07) • ISO 9001:2000 Certification (A.Y. 2005-06) • U.G. Intake increased to 300 (A.Y. 2003-04)
A.Y. 2001-02	<ul style="list-style-type: none"> • Establishment of Institute with 180 Intake at U.G level with 3 Programmes for COMP, E&TC & IT

COURSES OFFERED



TCET a NAAC accredited institute offers full-time programmes of four years leading to the award of Degree in Bachelor of Engineering (B. E.) and two year course in Master of Engineering (M.E.). All seats at U.G. and P.G. levels are filled-up as per the guidelines of DTE and Admission Regulatory Authority (Maharashtra State) applicable for minority institution.

Institute also offers Ph.D. (Technology) of UoM programme and admission is given as per the guidelines of UoM.

UNDERGRADUATE COURSES (B.E., B.Tech, & B.Voc DEGREES)

Programmes	Current Intake	Year of Starting the Course	NBA Accreditation Status
B.E. Computer Engineering	180	2001	4 th time accredited UG Level programmes for COMP (3 years w.e.f. 01.07.2022 permanent affiliated UG program w.e.f. A.Y. 2015-16 onwards
Computer Science and Engineering**	60	2023	Not Applicable
B.E. Information Technology (IT)	180	2001	4 th time accredited UG Level programmes for IT & E&TC (3 years w.e.f. 01.07.2022 permanent affiliated UG program w.e.f. A.Y. 2015-16 onwards
B.E. Electronics & Telecom. Engineering (E&TC)	120	2001	
B.E. Electronics and Computer Science	60	2008	3 rd time accredited UG Level programmes for (3 years w.e.f. 01.07.2022 permanent affiliated UG program w.e.f. A.Y. 2017-18 onwards
B.E. Computer Science and Engineering (Cyber Security)	120	2021	Can apply for accreditation after 2 batches passout as per norms
B.Tech Artificial Intelligence and Data Science*	120	2020	Can apply for accreditation after 2 batches passout as per norms
B.Tech Internet of Things (IoT)*	30	2020	Can apply for accreditation after 2 batches passout as per norms
B.Tech Artificial Intelligence and Machine Learning*	60	2020	Can apply for accreditation after 2 batches passout as per norms
B.E. Mechanical Engineering (MECH)	60	2012	1 st Time accredited UG level Program 3 years
B.E. Civil Engineering (CIVIL)	60	2014	1 st Time accredited UG level Program 3 years
B.E. Mechanical and Mechatronics Engineering (Additive Manufacturing)	60	2021	Can apply for accreditation after 2 batches passout as per norms
B.Voc (Engineering) Artificial Intelligence and Data Science	60	2021	Not Applicable
B.Voc Software & Development	30	2022	Not Applicable
B.Voc (Engineering) Animation & Graphic Design	30	2022	Not Applicable
B.Voc (Engineering) Data Analytics	30	2023	Not Applicable

In addition there is Supernumerary seats viz TFWS, J&K quota, GOI quota and these seats are filled up by AICTE / DTE.

All our UG eligible courses are NBA Accredited

POSTGRADUATE COURSES (M.E. DEGREE)/ Ph.D. (TECHNOLOGY) (DEGREE)

Programmes	Current intake		Year of Starting the Course		Award (Degree)
	M.E.	Ph.D.	M.E.	Ph.D.	
Electronics & Telecommunication Engineering (E&TC)	18	20	2008	2014	M.E. / Ph.D. (Technology)
Computer Engineering (COMP)	18	20	2011	2016	M.E. / Ph.D. (Technology)
Information Technology (IT)	18	20	2011	2017	M.E. / Ph.D. (Technology)

TEACHING STAFF PHOTO



NON - TEACHING STAFF PHOTO





Dr. Sunita Pachori
F.E. In-Charge

Establishment*	: A.Y. 2008-09
Program offered	: F.E./F.T. (Common Course)
Faculty strength	: 62
No. of Ph.D.	: 19
Department library	: 302 books
Professional chapter	: MUN, ISTE
Social Body	: EWT, NSS
Defense & Armed Forces Body	: NCC
Student membership	: NCC, MUN, ISTE, EWT, NSS
Number of labs	: 07
Number of class rooms	: 14

Highlights

- Common facilities : Seminar Hall-04 & Auditorium - 01
- Publication : • "Quasar" Annual College Magazine.
• "The Byte" Department Technical Magazine
• Programme Resource book
• Course Resource Book
• "Epiphany" Magazine & Newsletter (EWT)
• "Parivartan" magazine & Newsletter (NSS)
• Multicon-W ICHSTE Proceedings
• ISTE- Newsletter
• Warrior NCC Magazine

Department Vision

The department of Engineering Sciences and Humanities shall strive to provide powerful educational effectiveness by linking facts, theory, inquiry, discovery and solutions to real world problems thereby providing a sound foundation to the undergraduate students.

Programme Educational Objectives

- PEO1. To provide students with a strong foundation in mathematical, scientific and engineering fundamentals necessary to identify, analyze and solve real life problems and to prepare them for graduate studies in their specific domain.
- PEO2. To develop excellent written and oral communication skills, including presentation skills and technical writing for effectively interacting with clients, customers, co-workers and managers.
- PEO3. To promote awareness amongst students for life-long learning and to inculcate in them professional and ethical attitude, good leadership qualities and commitment to social responsibilities.

Department Mission

An endeavor to provide a strong base in engineering and technology, where students, faculty and staff work collaboratively to expand knowledge in the basic disciplines that is appropriate to their career goals, equipping well with knowledge and skills that will allow them to function as responsible and contributing members of society.

Program Specific Outcomes

- PSO1. To understand, demonstrate, identify, analyze and apply the skills and knowledge gained from foundational courses of humanities, sciences and engineering , and relate these fundamentals with core subjects in the relevant field.
- PSO2. Understanding basic skills and principles of engineering by developing and engaging them in life-long learning with effective skills inculcating quality of reasoning, logic, analysis and communication.
- PSO3. Cultivate the ability to work in teams and learn by participating in Technical Events and Social Welfare Programs and develop the attitude for working productively as an individual and in cross disciplinary teams to become better citizens in multicultural world.

Student Oriented Best Practices

Student Induction Program (SIP)

Structured and Guided Teaching Learning

Engineering Workshop & paper Presentation Contest

General English Proficiency Training (GEPT)

Social Internship of 100 hrs.

Participation in Smart India Hackathon (SIH)

Talent Hunt Show

FIESTA (ES&H Cultural Program)

Infrastructure



Chemistry Lab



Physics Lab



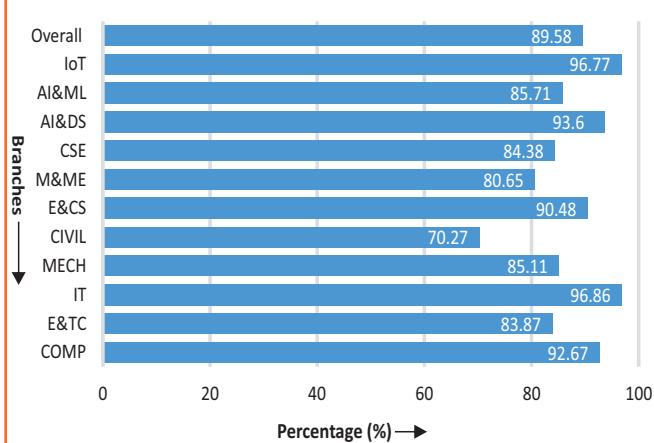
Main Workshop



Carpentry Workshop

Statistics

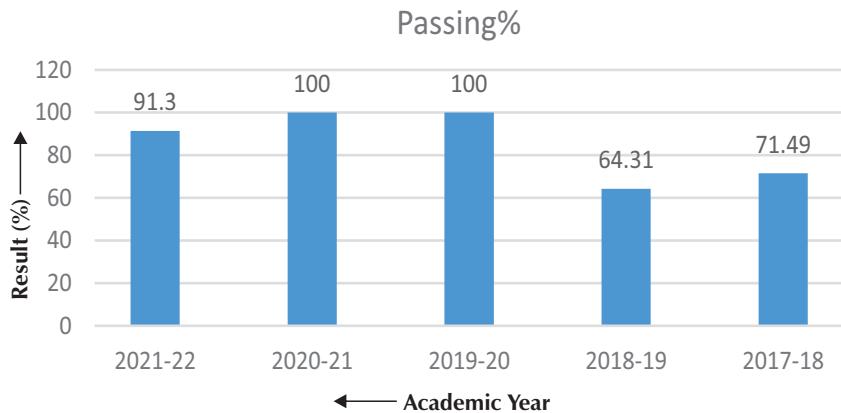
Result of A.Y. 2022-23 (Semester - I)



Result analysis of Semester - I A.Y. 2022-23

Branch	Passing %	No. of Students					
		SGPA=10	SGPA>=9 and <10	SGPA>=8 and <9	SGPA>=7 and <8	SGPA>=6 and <7	SGPA>=5 and <6
COMP	92.67	8	85	43	32	9	0
E&TC	83.87	1	18	27	34	24	0
IT	96.86	1	79	54	49	2	0
MECH	85.11	0	6	9	15	9	1
CIVIL	70.27	0	4	3	12	6	1
E&CS	90.48	0	3	25	26	3	0
M&ME	80.65	0	8	10	17	14	1
CSE	84.38	1	9	19	15	10	0
AI&DS	93.60	2	30	36	38	11	0
AI&ML	85.71	2	20	14	14	4	0
IoT	96.77	0	1	13	12	4	0
Overall	89.58	15	263	253	264	96	3

Last Five Years Result of First Year



Students Achievement

- Four Students won 1st Prize in Ideation for the project of "Carbon Capturing Titans" in the 4th NES Startup Fest organised by NES Ratnam College of Science
- Four Students won 2nd Prize in Ideation for the project of "Efficient Solar Cell" in the 4th NES Startup Fest organised by NES Ratnam College of Science
- Two groups of students participated in Smart India Hackathon (SIH)

Activities



Department of Engineering Sciences & Humanities

FACULTY LIST (A.Y. 2023-24)

Sr. No.	Name of Faculty Members & Date of Joining (DOJ)	Designation	Qualification	TCET Experience	Total Experience
1	Dr.Sunita Pachori (DOJ:09.08 .10)	Assistant Professor F.E. In-charge;	Ph.D.- (Organic Chemistry),MBA (Spln. in Mktg.), MSc (Chemistry) B.Sc. (Chem.;Zoo.;Bot.)	12 Years 10 Months	32 Years 5 Months
2	Dr.Krishnakant Mishra (DOJ:18.08.03)	Assistant Professor Dy. F.E. In-charge	Ph.D (Physics), M Tech (Electr.Engg.) M.Sc.(Physics) B.Sc.(Physics)	19 Years 10 Month	19 Years 10 Months
3	Mr.Rohit Kumar Singh (DOJ:24.01.05)	Assistant Professor Dy. F.E. In-charge	Ph.D. (Pursuing), M.Tech (Green Tech.); MSc (Analytical Chem.) B.Sc.(Chem.)	18 Years 5 Month	19 Years 6 Month
4	Mr. Yogesh Bhalekar (DOJ:01.08.06)	Assistant Professor Dy. F.E. In-charge	Ph.D.-Pursuing, M.Sc.(Maths); B.Sc.(Maths)	16 Years 10 months	18 Years 10 Months
5	Dr.Rajni Bahuguna (DOJ:01.06.02)	Assistant Professor	Ph.D.(Physics); M.Sc.(Physics); B.Sc.(Physics)	21 years	32 years
6	Devidas Kalwale (DOJ:14.03.03)	Librarian	M.Phil.; M.L.I.S.C.; B.L.I.S.C.	20 years 2 months	20 years 3 months
7	Mr. Sajjanlal Kumar Lal (DOJ:17.01.07)	Assistant Professor	M.E. (Mechanical Engineering) M.E.(Mechanical Engineering)	16 years 4 months	18 years 10 months
8	Dr. Vinita Agarwal (DOJ:10.08.07)	Assistant Professor	Ph.D (Maths), MSc (Maths) B.Sc.(Phy.,Chem.,Maths.)	15 years 10 months	22 years 9 months
9	Mr. Amol Dapkekar (DOJ:16.07.08)	Assistant Professor	Ph.D.(English)-Pursuing; M.A.(English); B.Ed.;B.A.(Eng.,Soc.)	14 years 11 months	19 years 11 months
10	Mr. Ashwin Pathak (DOJ:12.07.10)	Assistant Professor	Ph.D.-Pursuing; M.E.(Mechanical Engg.); B.E.(Mechanical Engg.);	12 years 11 months	13 years 11 months
11	Dr.Satishkumar Singh (DOJ:27.08.12)	Assistant Professor	Ph.D.(Maths); M.Sc.(Maths); B.Sc.(Maths)	10 years 9 months	17 years 9 months
12	Dr.Kiran Sanap (DOJ:29.09.14)	Assistant Professor	Ph.D.(Chemistry); M.Sc.(Chemistry); B.Sc.(Chemistry)	8 years 8 months	8 years 8 months
13	Dr.Ela Agarkar (DOJ:01.09.03)	Assistant Professor	Ph.D.(Physics); M.Sc.(Physics); B.Sc.(Physics)	8 years 11 months	15 years 11 months
14	Ms. Sonali Singh (DOJ:04.07.15)	Assistant Professor	M.Tech.(Power Systems); B.E.(Electrical Engg.)	7 years 11 months	17 years 11 months
15	Dr.Neha Mishra (DOJ-15.07.16)	Assistant Professor	Ph.D.(Chemistry);M.B.A.(Marketing); M.Sc.(Chemistry);B.Sc.(Chemistry)	7 years	11 years
16	Dr. Nivant Kamble (DOJ-01.07.17)	Assistant Professor	Ph.D (S.P. Pune University) M.A. (English Literature)NET (English); B.A. (English Literature) PG.C.T.E (EFLU Hyderabad) Pursuing	6 years	10 years
17	Dr. Jitendra Patil (DOJ-22.03.21)	Assistant Professor	Ph.D.(Chemistry); M.Sc. (Chemistry);B.Sc.(Chemistry)	2 years 2 months	23 years 2 months
18	Mr. Tulshiram Kudale (DOJ-20.03.21)	Assistant Professor	M.Phil.(English); M.Sc.(English); B.Sc.(English);	3 years 11 months	7 years 11 months
19	Dr. Karuna Nikum (DOJ-22.03.21)	Assistant Professor	Ph.D.(Engineering) M.E.(Power Elect) B.E.(Electrical Engg.);	2 years 2 months	14 years 8 months
20	Ms. Kshama shukla (DOJ-22.03.21)	Assistant Professor	M.E.(Electr. & Tele. Engg.) B.E.(Electronics Engg.);	2 year 2 months	4 years 2 months
21	Mr. Shivram Poojari (DOJ-22.03.21)	Assistant Professor	M.E.(Heat Power); B.E.(Mechanical Engg.)	2 year 2 months	4 years 11 months
22	Mr. Bhaskar Hambarde (DOJ-22.03.21)	Assistant Professor	M.A.(English); B.A.(English)	2 year 2 months	10 years 3 months
23	Ms. Umita Gajjar (DOJ-25.03.21)	Assistant Professor	M.A.(Communication) Bachelor of Education;	2 year 2 months	5 Years 2 months
24	Mr. Brijesh Gupta (DOJ:08-02-2021)	Assistant Professor	M.Sc.(Maths); B.Sc.(Maths)	2 year 4 months	3 years 4 months

Department of Engineering Sciences & Humanities

FACULTY LIST (A.Y. 2023-24)

Sr. No.	Name of Faculty Members & Date of Joining (DOJ)	Designation	Qualification	TCET Experience	Total Experience
25	Mr. Karthik Sankararaman (DOJ:08-02-2021)	Assistant Professor	M.E.(Thermal Sci. & Engg.) B.E.(Mechanical Engg.);	2 year 4 months	11 years 6 months
26	Mr. Vikas Nagve (DOJ:01-08-2018)	Assistant Professor	M.E.(Production Engg.) B.E.(Mechanical Engg.);	4 years 10 months	5 years 10 months
27	Mr. Sohail Khadpolkar (DOJ:08-02-2021)	Assistant Professor	M.Sc.(Maths); B.Sc.(Maths)	2 years 4 months	6 years 4 months
28	Ms. Karishma Bhandari (DOJ:21-03-2022)	Assistant Professor	M.E.(Mechanical Engg.) B.E.(Mechanical Engg.);	1 year 2 months	6 years 8 months
29	Ms. Soma Karmokar (DOJ:21-03-2022)	Assistant Professor	M.E.(Thermal Engg.) B.E.(Mechanical Engg.);	1 year 2 months	7 years 8 months
30	Ms. Priyanka Musale (DOJ:21-03-2022)	Assistant Professor	M.E.(Power Systems) B.E.(Electrical Engg.);	1 year 2 months	10 years 2 months
31	Mr. Suraj Singh (DOJ:21-03-2022)	Assistant Professor	M.Tech.(Mechanical Engg.) B.E.(Mechanical Engg.);	1 year 2 months	5 years 2 months
32	Ms. Jyoti Vanawe (DOJ: 20-03-2022)	Assistant Professor	UGC NET(English); M.A.(English);B.A.(English)	1 years 2 months	9 years 8 months
33	Ms. Archana Kulkarni (DOJ:30-03-2022)	Assistant Professor	M.E.(Electronics Engg.); B.E.(Electronics Engg.)	1 years 2 months	16 years 2 months
34	Ms. Sonal Gaikwad (DOJ: 30-03-2022)	Assistant Professor	M.Sc.(Maths); B.Sc.(Maths)	1 years 2 months	9 years 2 months
35	Ms. Bhumika Malhotra (DOJ:31-03-2022)	Assistant Professor	M.A.(English) B.A.(English);	1 years 2 months	2 years 2 months
36	Ms. Nidhi Tiwari (DOJ:31-03-2022)	Assistant Professor	Ph.D.-Pursuing; M.Sc.(Physics); B.Sc.(Physics)	1 years 2 months	5 years 2 months
37	Ms. Radha R. Sonavadekar (DOJ:01-04-2022)	Assistant Professor	M.Sc.(Maths);B.Sc.(Maths)	1 years 2 months	2 years 5 months
38	Mr. Anup Chavan (DOJ:08-04-2022)	Assistant Professor	M.E.(Production Engg.); B.E.(Mechanical Engg.);	1 years 2 months	8 years 2 months
39	Dr. Sainath Bhavsar (DOJ:11-04-2022)	Assistant Professor	Ph.D.(Chemistry);M.Sc. (Chemistry);B.Sc.(Chemistry)	1 years 2 months	2 years 2 months
40	Ms. Ritika Tiwari (DOJ:18-04-2022)	Assistant Professor	B.Sc.(IT); MCA	1 years 1 months	1 years 1 months
41	Ms. Minal Bhoir (DOJ:28.10.22)	Assistant Professor	M.E.(Power System) B.E.(Electrical Engg.);	7 months	6 years 8 months
42	Ms. Meghna Singh (DOJ: 05.11.22)	Assistant Professor	M.Sc.(Computer Science); B.Sc.(Computer)	7 months	3 years 1 month
43	Mr. Siddhesh D. Rathod (DOJ: 07.11.22)	Assistant Professor	MCA (Computer Appln.); B.Sc.(Information Technology)	7 months	8 years 7 months
44	Mr. Ashish Dwivedi (DOJ: 07.11.22)	Assistant Professor	M.E.(Computer Engg.); B.E.(Computer Engg.)	7 months	12 years 10 months
45	Dr. Sneha Khandait (DOJ: 09.11.22)	Assistant Professor	Ph.D.(Maths);M.Sc.(Maths);B.Sc. (Computer Science)	7 months	6 years 7 months
46	Mrs. Manjiri Dorati (DOJ: 09.11.22)	Assistant Professor	M.Sc.(Communication Skill); B.Sc.(Communication Skill)	7 months	7 months
47	Mrs. Ekta Desai (DOJ: 11.11.22)	Assistant Professor	M.E.(Electrical Engg.); B.E.(Electrical Engg.)	7 months	11 years 3 months
48	Dr. Achala Khandelwal (DOJ: 15.11.22)	Assistant Professor	Ph.D.(Electrical Engg.) M.E.(Digital Instrumentation)B.E.(Electrical Engg.)	7 months	8 years 4 months

Department of Engineering Sciences & Humanities

FACULTY LIST (A.Y. 2023-24)

Sr. No.	Name of Faculty Members & Date of Joining (DOJ)	Designation	Qualification	TCET Experience	Total Experience
49	Mr. Shrikrishna Sonawane (DOJ: 14.11.22)	Assistant Professor	Ph.D.(English)-Pursuing M.A.(English);B.A.(English)	7 months	8 years 1 months
50	Mr. Mahesh Biradar (DOJ: 18.11.22)	Assistant Professor	M.Phil.(Maths); M.Sc. (Maths);B.Sc.(Maths);	6 months	5 years
51	Ms. Aafiya Siddiqui (DOJ: 21.11.22)	Assistant Professor	M.Sc.(Computer Science); B.Sc.(Computer Science)	6 months	1 year
52	Mr. Siddhesh Mane (DOJ: 24.11.22)	Assistant Professor	M.Tech.(Thermal Engg.) B.E.(Mechanical Engg.);	6 months	8 months
53	Dr. Savita Chandel (DOJ: 28.11.22)	Assistant Professor	Ph.D.(Maths);M.Sc. (Maths);B.Sc.(Maths);	6 months	3 years 4 months
54	Dr. Arti Dwivedi (DOJ: 06.12.22)	Assistant Professor	Ph.D.(Physics) M.Sc. (Physics); B.Sc.(Physics);	6 months	2 years 6 months
55	Dr. Pradeepkumar Yadav (DOJ: 06.12.22)	Assistant Professor	Ph.D.(Physics) M.Sc.(Physics); B.Sc.(Physics);	6 months	1 years 9 months
56	Dr. Ravindrakumar Yadav (DOJ: 02.01.23)	Assistant Professor	Ph.D.(Maths); M.Sc.(Maths); B.Sc.(Maths);	4 months	16 years 4 months
57	Mrs. Prajakta P. Kamble (DOJ-05.03.21)	Assistant Professor	M.E.(Structures Engg) B.E.(Civil Engineering);	3 year 11 months	10 years
58	Mrs. Yogita Sagare (DOJ-20.03.21)	Assistant Professor	M.E (Civil Engineering) B.E (Civil Engineering)	2 year 2 months	9 years 4 months
59	Ms. Kinjal Dave (DOJ: 25.01.23)	Assistant Professor	M.Sc.(Maths)B.Sc.(Maths)	4 months	8 years 4 months
60	Ms. Shraddha Deshmukh (DOJ: 02.03.23)	Assistant Professor	M.Sc.(Chemistry); B.Sc.(Chemistry)	3 months	1 years 6 months
61	Mrs. Tresa Abraham (DOJ: 15.03.23)	Assistant Professor	M.Phil.(English) M.A.(English); B.A.(English)	3 months	1 years 6 months
62	Mr. Sunil Varghese (DOJ: 23.03.23)	Assistant Professor	M.Sc.(Physics); B.Sc.(Physics);	2 months	1 years 2 months
63	Ms. Rinkle Solanki (DOJ: 01.04.23)	Assistant Professor	MCA (Computer) BCA (Computer) ;	2 months	8 years 5 months

Maximum Experience at TCET : 21 years

Minimum Experience at TCET : 02 months

MEAN Experience at TCET : 03 years 08 months

MEDIAN Experience at TCET : 01 years 02 months

Maximum Experience : 32 years 05 months

Minimum Experience : 9 months

MEAN Experience : 09 years 08 months

MEDIAN Experience : 08 years

Highlights



Dr. Payel Saha
Head of Department

Establishment*	: A.Y. 2002-03
Program offered	: 4 years B.E. (E&TC)
Courses Offered	: BE, B. Tech, ME, PhD
Faculty strength	: 27
No. of Ph.D.	: 10
Department library	: 841 Books
Professional Bodies	: IEEE, IEEE - MTTS
Student	: IEEE, IEEE – MTTS,
Memberships	: ISTE, IETE
Social Chapter	: NSS, EWT, Rotaract
Defence and Armed	: NCC

Faculty Patents	: 07
Faculty Book	: 04
Department Publications	: "Abhivarg" Department E-Magazine, Programme Resource book, Course resource book, newsletter.

Department Vision

"The department of Electronics and Telecommunication Engineering envisions developing internationally competent professionals with a sense of responsibility and social sensitivity."

Department Mission

To impart professional education endowed with human values using active learning techniques to transform the students to be competent and committed engineers meeting the current and future demands and capable of providing engineering solutions with social sensitivity.

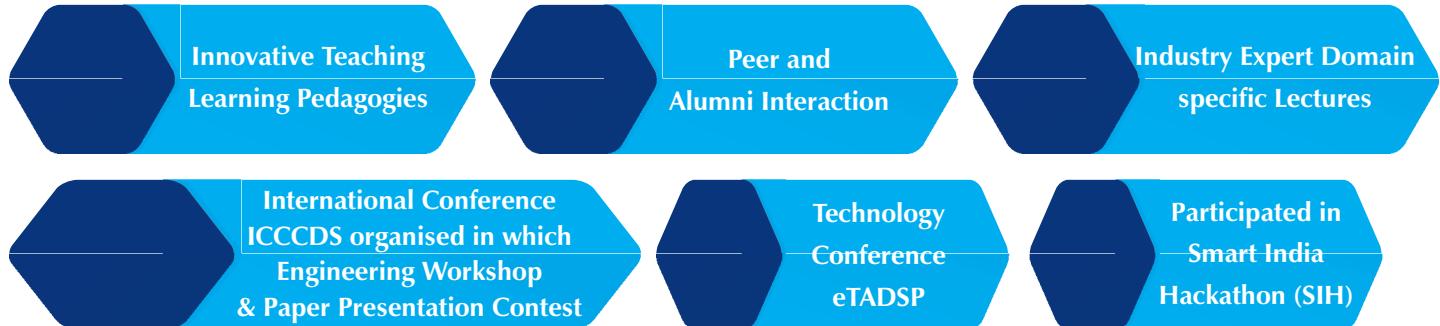
Programme Educational Objectives

- PEO1. To provide students with a strong foundation in mathematical, scientific and electronics and communication engineering fundamentals required to solve engineering problems – thus generating core competence.
- PEO2. To prepare the students for successful and productive career choices in both public and private sectors by identifying the gaps between the curriculum and the industry requirement.
- PEO3. To promote awareness amongst students for life-long learning and to inculcate in them professional and ethical attitude, good leadership qualities and commitment to social responsibilities.

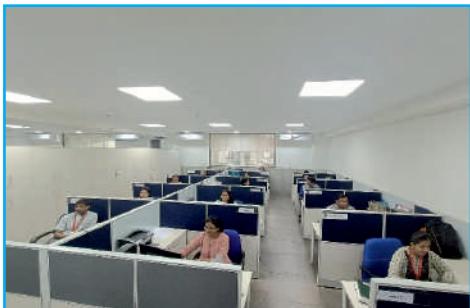
Program Specific Outcomes

- PSO1. Students will be able to demonstrate knowledge acquired in the field of communication engineering, microwave engineering, signal processing, embedded systems and semiconductor technology.
- PSO2. Students will be able to design projects using modern design tools to provide solution to real world problems using optimal resources.
- PSO3. Students will be able to demonstrate knowledge, skill and attitude to carry out research in the field of Electronics & Telecommunication Engineering

Student Oriented Best Practices



Infrastructure



Staff Room



Advanced Communication Engineering lab



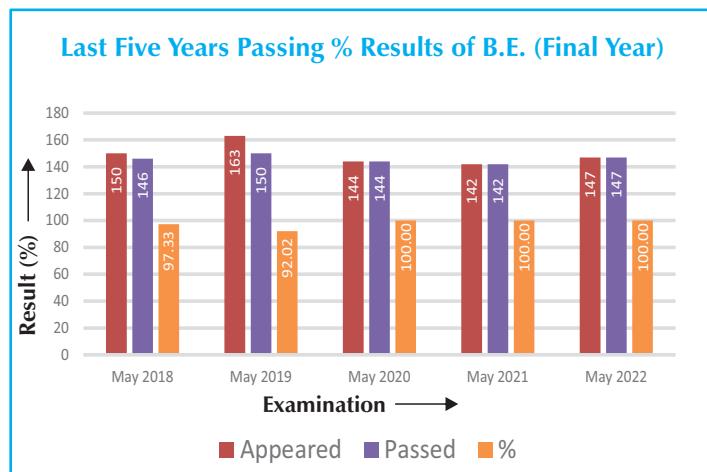
Analog Communication Lab

Statistics



Result analysis of Semester (III, V, VII) - A.Y. 2022-23

Year (Dec-2022)	Appeared		Passed		Passing %		No. of Students					
	M	F	M	F	M	F	SPGA =10	SGPA >=9 and SGPA <10	SGPA >=8 and SGPA <9	SGPA >=7 and SGPA <8	SGPA >=6 and SGPA <7	SGPA >=5 and SGPA <6
SE E&TC	107	31	60	20	56.07	64.51	0	9	12	6	34	19
TE E&TC	108	29	103	27	95.37	93.1	0	21	35	25	35	14
BE E&TC	101	36	100	36	99.01	100	0	26	36	29	33	12



- Students Achievement**
- Two teams have participated in the Smart India Hackathon project competition 2023, one of them won 1st prize under hardware category.
 - International level Microsoft Certification for the Azure AI achieved by Suraj Maji, student of SE E&TC.
 - Suraj Maji bagged Second position in Schools challenge, Mumbai 2023, during Internship under Agastya Foundation.
 - SE student Suraj Maji also bagged Data Science and Analytics certification from Ministry of Electronics and Information Technology, Government of India.
 - Mausam Bhunia, BE E&TC A won the sports person of the year Award

Activities



Department of Electronics & Telecommunication Engineering

FACULTY LIST (A.Y. 2023-24)

Sr. No.	Name of Faculty Members & Date of Joining (DOJ)	Designation	Qualification	TCET Experience	Total Experience
1	Dr. B. K. Mishra (DOJ: 12.06.06)	Principal; Professor (EXTC)	Ph.D. (Engineering), M.E.(Electronics & Communication Engg.), B.E.(Electronics Engineering)	17 years	32 years 11 months
2	Dr. Lochan Jolly (DOJ: 17-06-02)	Dean SSW, Professor	Ph.D.(Engineering); M.Tech. (Microelectronics Engg.); B.E.(Electronics & Telecom. Engg.)	21 years	22 years 10 months
3	Dr. Vinitkumar Dongre (DOJ: 06-09-10)	Dean R&D Professor	Ph.D.(Engineering), M.Tech.(Electronics & Telecomm. Engg.), B.E.(Industrial Electronics Engg.)	13 years	22 years 3 months
4	Dr. Payel Saha (DOJ: 11-11-03)	HOD (UG-E&TC) Professor	Ph.D.- (Engg) M.E.(Microprocessor system & application); B.E.(Electronics & Telecomm. Engg.)	19 years 6 months	21 years 09 months
5	Dr. Sanjeev Ghosh (DOJ: 23-09-02)	Dy. HOD, (UG-E&TC) Associate Professor	Ph.D.(Engineering); M.E.(Electronics Engg.); B.E.(Electronics & Telecomm. Engg.);	20 years 11 months	21 years 07 months
6	Dr. Sangeeta Mishra (DOJ: 26-11-07)	Associate Professor	Ph.D.(Engineering.); M.E.(Electronics & Telecom. Engineering) B.Sc.Tech. (Electronics Engg.)	15 years 6 months	17 years 6 months
7	Dr. Shailendra Shastri (DOJ: 07-07-05)	Associate Professor	Ph.D.(Engineering); M.E. (Electronics & Telecomm. Engg.); B.E. (Electronics & Telecomm. Engg.)	18 years	19 years 11 months
8	Dr. Manoj Chavan (DOJ: 11-07-05)	Associate Professor	Ph.D. (Engineering); M.E. (Electronics & Telecomm. Engg.); B.E. (Electronics & Telecomm. Engg.)	18 years	19 years 11 months
9	Dr. Arpit Rawankar (DOJ: 01-10-22)	Associate Professor	Post Doctorate (Engineering) Ph.D.- (Engineering) M.E. (Electronics & Telecomm. Engg.); B.E. (Electronics & Telecomm. Engg.)	7 months	13 years 4 months
10	Ms. Aradhana Manekar (DOJ: 02-07-04)	Assistant Professor	Ph.D.-Pursuing. M.E. (Electronics & Telecomm. Engg.); B.E. (Electronics & Telecomm. Engg.)	19 years 11 months	20 years 8 months
11	Ms. Sonia Behra (DOJ: 17-01-06)	Assistant Professor	M.E.(Electronics & Telecomm. Engg.); B.E.(Electronics & Telecomm. Engg.)	17 years 6 months	18 years 3 months
12	Ms. Archana Deshpande (DOJ: 01-08-06)	Assistant Professor	M.E.(Electronics & Telecomm. Engg.); B.E.(Electrical Engg.)	16 years 10 months	22 years 10 months
13	Ms. Sukruti Kaulgud (DOJ: 16-07-08)	Assistant Professor	Ph.D.-Pursuing; M.E. (Electronics & Telecomm. Engg.); B.E. (Electronics & Telecomm. Engg.)	14 years 10 months	16 years 3 months
14	Mr. Deepak Shete (DOJ: 16-07-08)	Assistant Professor	M.E.(Electronics & Telecomm. Engg.); B.E.(Electronics & Telecomm. Engg.)	14 years 10 months	19 years 3 months
15	Ms. Anvita Birje (DOJ: 23-06-09)	Assistant Professor	M.E.(Electronics & Telecomm. Engg.); B.E.(Electronics & Telecomm. Engg.)	14 years	18 years

Department of Electronics & Telecommunication Engineering

FACULTY LIST (A.Y. 2023-24)

Sr. No.	Name of Faculty Members & Date of Joining (DOJ)	Designation	Qualification	TCET Experience	Total Experience
16	Ms. Megha Gupta (DOJ: 08-12-09)	Assistant Professor	M.E.(Electronics & Telecomm. Engg.); B.E.(Electrical & Electronics Engg.)	14 years 10 months	14 years 2 months
17	Mrs. Rupali Mane (DOJ: 07-06-10)	Assistant Professor	M.E.(Electronics & Telecomm. Engg.); B.E.(Electronics Engg.)	12 years 10 months	15 years 9 months
18	Mrs. Rashmita Kumari Mohapatra (DOJ: 01-07-11)	Assistant Professor	M.Tech.(Electronics & Telecomm. Engg.); B.E.(Electronics & Communication Engg.)	12 years 11 months	14 years 9 months
19	Mr. Nikhil Tiwari (DOJ: 03-07-15)	Assistant Professor	M.E.(Electronics & Telecomm. Engg.); B.E.(Electronics & Telecomm. Engg.)	7 years 11 months	8 years 9 months
20	Mr. Niket Amoda (DOJ: 03-08-15)	Assistant Professor	M.E. (Electronics & Telecomm. Engg.); B.E. (Electronics Engg.)	7 years 10 months	12 years
21	Ms. Purnima Chandrasekar (DOJ: 07-01-16)	Assistant Professor	M.E. (Electronics & Telecomm. Engg.); B.E. (Electronics & Telecomm. Engg.)	6 years 11 months	8 years
22	Cdr. Vijay Pratap Singh (DOJ: 28-01-19)	Adjunct Professor	BE(Elect and Elex), MBA(HR), PGDFM PGDCAADIT (C-DAC), LINUX(IIT), PMI ISO SQA ADVANCE SPACE TECH(ISRO)	4 years 6 months	37 years
23	Mrs. Usha Gupta (DOJ: 23.03.21)	Assistant Professor	M.E.(Electronics Engg.); B.E.(Electronics & Tele. Engg.)	2 year 2 months	9 years
24	Ms. Sonal Dubal (DOJ: 20.04.22)	Assistant Professor	M.E.(Electronics & Telecomm. Engg.); B.E.(Electronics & Telecomm. Engg.)	1 year	2 year 7 months
25	Mr. Shashank Gothankar (DOJ: 22.07.22)	Assistant Professor	M.Tech.(Control Systems) B.E.(Electronics & Telecomm. Engg.)	1 year	9 years 11 months
26	Mr. Devendra Bodkhe (DOJ: 26.07.22)	Assistant Professor	M.Tech.(EDT) B.E.(Electronics Engg.);	10 month	6 years
27	Ms. Rajashree Kapse (DOJ: 25.04.22)	Assistant Professor	M.Tech.(E&Design & Tech) B.E.(Electronics & Telecomm. Engg.);	5 month	2 years 5 months

Maximum Experience at TCET : 21 years
 Minimum Experience at TCET : 05 months
 MEAN Experience at TCET : 11 years 6 months
 MEDIAN Experience at TCET : 14 years

Maximum Experience : 37 years
 Minimum Experience : 2 years 7 months
 MEAN Experience : 16 years 06 months
 MEDIAN Experience : 17 years 06 months





Dr. Sanjay Patil
Head of Department

Establishment*	: AY: 2022-2023
Program offered	: 4 years B.E. (E&CS)
Faculty strength	: 12
No. of Ph.D.	: 03
Department library	: 375 books
Professional chapter	: IETE
Student membership	: IEEE, NSS, IETE
Number of labs	: 09
Number of class rooms	: 02+01 Tutorial Room
Common facilities	: Seminar Halls- 04 & Auditorium - 01

Highlights

Faculty Patents	: 08
Faculty Book	: 04
Publication	: • ADHYAY -Technology works wonders" Department's E- Magazine
	• Programme Resource Book
	• Course Resource Book
	• MultiCon-W ICCD Proceedings
Faculty Publication (Papers)	

Department Vision

"Department of Electronics and Computer Science will strive to achieve academic excellence in electronics and computer science related technical education in University of Mumbai to develop internationally competent professionals with a sense of responsibility and social sensitivity."

Programme Educational Objectives

- PEO1. To provide students with a strong foundation in the mathematical, scientific and Electronics and Computer Science fundamentals necessary to formulate, solve and analyze engineering problems at hand and to prepare them for graduate studies.
- PEO2. To prepare students to demonstrate ability to design electronics and Computer science technology, conduct experiments, analyze, interpret and synthesize data for developing technical concepts from applications to product design.
- PEO3. To prepare students to work as a team on multidisciplinary projects and to promote awareness among students for life-long learning along with professional ethics for successful career in industry to meet the needs of Indian and multi-national companies.

Department Mission

"To achieve academic excellence by creating the right ambience for nurturing and enhancing personal as well as professional skills that will enable students to compete globally."

Program Specific Outcomes

- PSO1. Able to clearly understand the concepts and applications in the field of Electronics such as semiconductor technology, signal processing, embedded systems, communication etc. and apply knowledge of computing and mathematics to computer science problems and thereby design and develop Software and Hardware Systems.
- PSO2. Able to design electronics and computer-based components and systems for applications including signal processing, communication and control systems with the capability to comprehend the technological advancements with the help of modern research skills and utilize advanced computing and design subsystems/processes for a variety of applications.
- PSO3. Able to understand the impact of engineering solutions in a Global, Economic, Environmental, and Societal context and co-relate the learning to derive solutions to real world problems
- PSO4. Able to demonstrate skills to communicate in verbal and written form effectively and demonstrate the practice of professional ethics along with the concerns for societal and environmental wellbeing.

Student Oriented Best Practices

Structured and Guided Learning Material (Resource Book)

IOTSIAC –Technical Conference Department Level

ICCCDS –MULTICON Conference Institute Level

Institution's Innovation Council Under MHRD MoE's Innovation Cell

**Holistic Activity
ESD, PS, ABL, PBL, RBL**

INDUSTRIAL VISIT Under IETE Chapter

Infrastructure



LAB : Digital Electronics



LAB: Project I & II

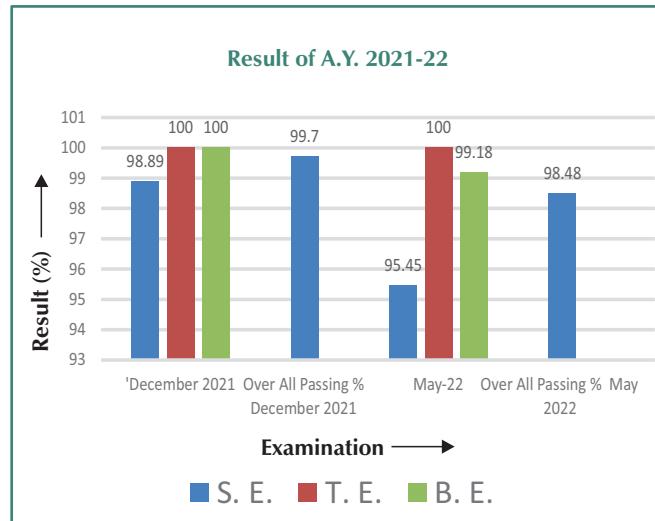


LAB: Computer & Application



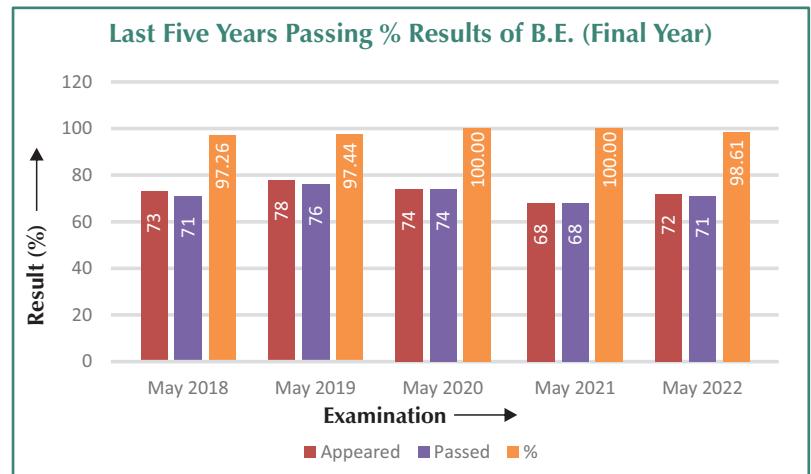
LAB: Control & Automation

Statistics



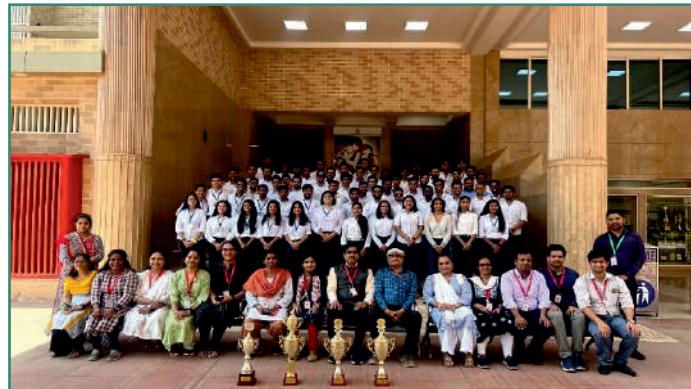
Result analysis of Semester (III, V, VII) - A.Y. 2022-23

Year (Dec-2022)	Appeared		Passed		Passing %		No. of Students					
	M	F	M	F	M	F	SPGA =10	SGPA >=9 and SGPA <10	SGPA >=8 and SGPA <9	SGPA >=7 and SGPA <8	SGPA >=6 and SGPA <7	SGPA >=5 and SGPA <6
SE E&CS	57	13	51	10	89.47	76.92	0	13	20	25	3	0
TE ELEX	44	20	33	18	75	90	0	11	13	14	9	4
BE ELEX	60	11	60	11	100	100	4	17	26	17	7	0



- Students Achievement**
1. BE students, Gaurang Vishwakarma, and his team are creating a website and workstations for the TCET faculty and students as part of the TCET Open Source project.
 2. Four students (Manish Patil, Satyam Singh, Amar Singh, and Harsh Shigwan) won fourth position "TECH-A-THON'23" organized by TSCE, Mumbai.
 3. Final year students, Akash Gupta has opened food stand in the TCET Campus in 2023 as part of an entrepreneurial venture.
 4. Akshta Sharma, and her team participated in IDEATON-2023 competition in Sharda University in NOIDA.
 5. 52 students are placed and 18 students pursuing higher studies, and 1 student started their own business
 6. BE students, Navendu Jalan, cleared MAH-MBA/MMS-CET 2023 and 99.06 percentile

Activities



Department of Electronics & Computer Science

FACULTY LIST (A.Y. 2023-24)

Sr. No.	Name of Faculty Members & Date of Joining (DOJ)	Designation	Qualification	TCET Experience	Total Experience
1	Dr. S. C. Patil (DOJ:08.07.13)	Associate Professor HOD (UG-ELEX)	Ph.D (Engineering) M.E (Electronics Engg.) B.E. (Electronics Engg.)	9 years 11 months	32 years
2	Dr. Hemant Kasturiwale (DOR:01.10.14)	Associate Professor Dy. HOD (UG-ELEX)	Ph.D. (Engineering) M.E. (Electronics Engg.) B.E.(Electrical Engg.)	13 years 3 months	27 years 7 months
3	Dr. Sandhya Save (DOJ:18.06.09)	Professor	Ph.D (Engineering) M.E (Electronics Engg.) B.E. (Electronics Engg.)	14 Years	23 years 6 months
4	Mrs. Jyoti Kori (DOJ:01.07.05)	Assistant Professor	Ph.D. Pursuing, M.E (Electronics & Telecomm. Engg.) B.E. (Electronics Engg.) PGDCS	18 years 5 months	20 years 5 months
5	Mrs. Leena Chakraborty (DOJ:04.07.11)	Assistant Professor	M.Tech. (Electronics Engg.) B.E. (Instrumentation)	10 years 11 months	15 years
6	Mr. Sumit Kumar (DOJ-13.07.15)	Assistant Professor	M.Tech. (Electronics Engg.) B.Tech. (Electronics Engg.)	6 years 11 months	8 years
7	Ms. Jalpaben Pandya (DOJ-08.03.12)	Assistant Professor	M.Tech. (Electronics Engg.) B.Tech. (Electronics Engg.)	10 years 3 months	11 years
8	Mr. Varunkumar Mishra (DOJ-15.01.22)	Assistant Professor	M.E.(Electronics & Telecomm. Engg.); B.E.(Electronics & Telecomm. Engg.);	1 year 5 months	13 years
9	Ms. Veena Hosamani (DOJ-15.03.22)	Assistant Professor	M.E.(Software Engineering.); B.E.(ISE);	1 year 3 months	5 years 9 months
10	Ms. Dhanashree Lamane (DOJ-10.01.23)	Assistant Professor	M.E.(Electronics & Telecomm. Engg.); B.E.(Electronics Engg.);	5 months	6 years 5 months
11	Ms. Vaishali Shelar (DOJ-01.02.23)	Assistant Professor	M.E.(Computer Engg.); B.E.(Computer Engg.)	4 months	6 years 4 months
12	Mrs. Heena Singh (DOJ-06.02.23)	Assistant Professor	M.Tech.(Electronics & Computer Engg.) B.Tech.(DC)	4 months	6 years 4 months

Maximum Experience at TCET : 18 years 05 months
 Minimum Experience at TCET : 04 months
 MEAN Experience at TCET : 07 years
 MEDIAN Experience at TCET : 8 years 11 months

Maximum Experience : 32 years
 Minimum Experience : 5 year 09 months
 MEAN Experience : 14 years 07 months
 MEDIAN Experience : 12 years



Seminar on Data Analytics



IETE Workshop



Oscillation 2023



Dr. Harshali Patil
Head of Department

Establishment*	: A.Y. 2002-2003	Number of labs	: 06 U.G. Labs + 01 P.G. Lab + PhD Research Centre
Program offered	: 4 years B.E., 2 years M.E., Ph.D.	Number of class rooms	: 06 U.G. Classrooms + 01 P.G. Classroom + 01 Tutorial Room
Faculty strength	: 33	Common facilities	: Seminar Hall-04, Multipurpose room, Digital Library
No. of Ph.D.	: 09	Publication	: "Nimbus" Department's E-Magazine, Programme Resource book, Course Resource book, E-Newsletter-Tech Talk
Department library	: 377 books, 84 Resource books, 40 Multicon books, 13 black books, 30 Blue books, 90 Magazines	No. of batches graduated	: 18
Success rate	: 97.14 %		
Professional chapter	: CSI-TCET		
Student membership	: CSI, IEEE, NSS, ISTE, IETE		
Defence and Armed	: NCC		

Department Vision

To become a department of national relevance in the field of Computer Engineering.

Department Mission

To nurture students with sound engineering knowledge in the field of computing through effective use of modern tools with a focus on global employability by imbibing leadership qualities, ethical attitude, lifelong learning and social sensitivity.

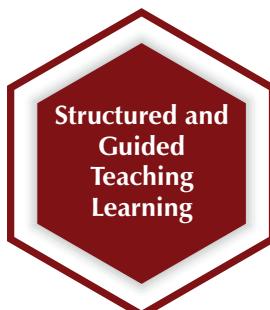
Programme Educational Objectives

- PEO1. Attain Sound Engineering knowledge and use of modern tools effectively to solve real life problems (KNOWLEDGE)
- PEO2. Attain need based skills and life long learning to ensure global employability (SKILL)
- PEO3. Become successful professionals and responsible citizens with good leadership qualities and strong ethical values (PROFESSIONALISM)

Program Specific Outcomes

- PSO1. Develop academic aptitude and apply knowledge of computing and mathematics to computer science problems and thereby design and develop Software and Hardware Systems.
- PSO2. Utilize multi-disciplinary knowledge required for satisfying industry / global requirements and hence develop an attitude for life long learning.
- PSO3. Able to understand the impact of engineering solutions in a Global, Economic, Environmental, and Societal context and co-relate the learning to derive solutions to real world problems
- PSO 4: Have all round personality with skills like leadership, verbal and written communication, team work sensitivity towards society in order to become valued and responsible professionals.

Student Oriented Best Practices



Infrastructure



**Intelligent System Design
& Development Lab**

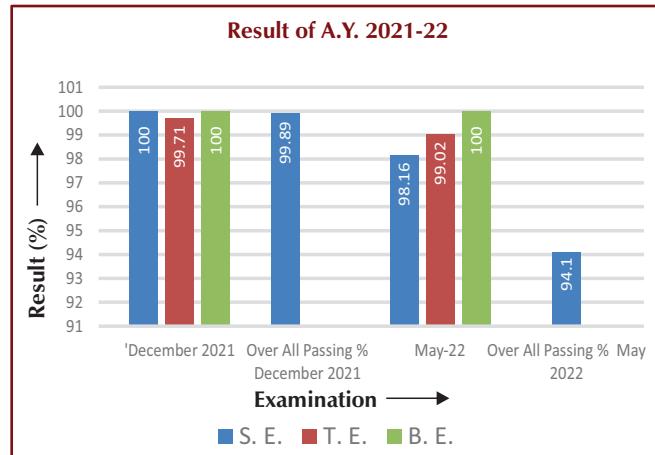


Computing & System Design Lab

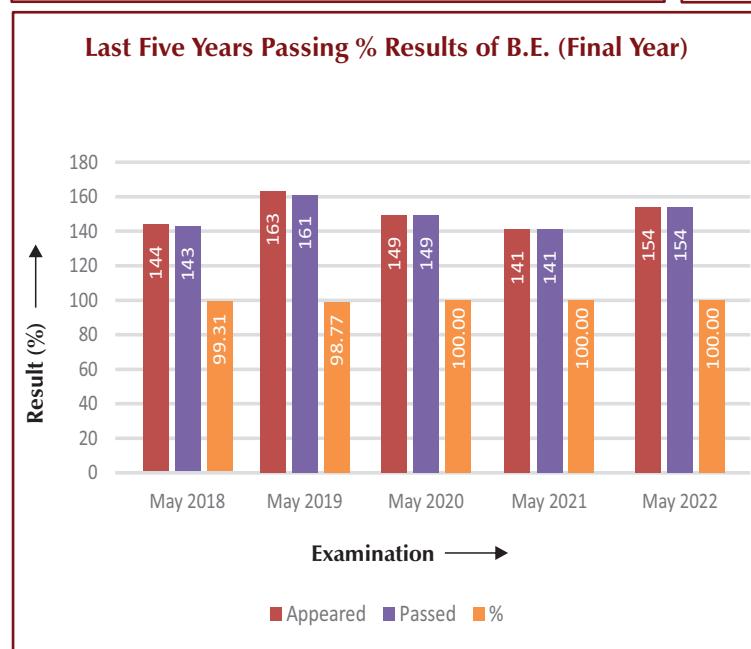


**Communication, Networking
& Web Engineering Lab**

Statistics

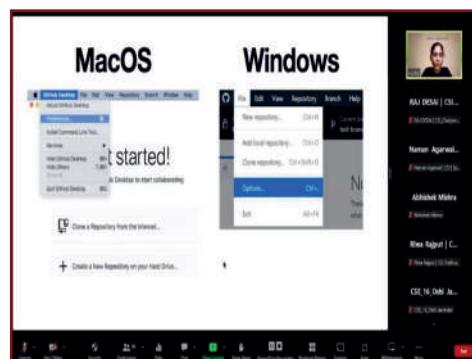
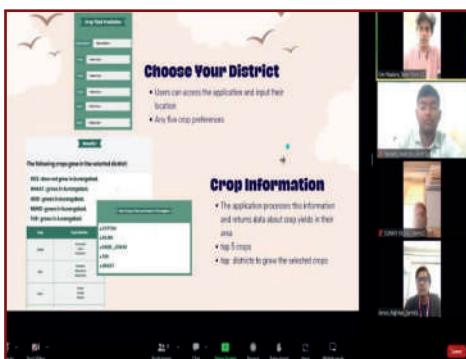


Year (Dec-2022)	Appeared		Passed		Passing %		No. of Students					
	M	F	M	F	M	F	SPGA =10	SGPA >=9 and SGPA <10	SGPA >=8 and SGPA <9	SGPA >=7 and SGPA <8	SGPA >=6 and SGPA <7	SGPA >=5 and SGPA <6
SE COMP	166	42	162	42	97.59	100	9	107	42	36	10	0
TE COMP	172	39	167	37	79.15	17.54	8	106	62	24	4	0
BE COMP	174	38	171	38	98.28	100	8	86	49	21	6	1



- Students Achievement**
- Smart India Hackathon 2022: Three teams are finalists in Grand Finale and 2 won the first prize.
 - Avishkar-2023: Two teams won Gold Medal and fellowship grant.
 - Gold Medal in Athletics (Discs Throw) at BITS-PILANI
 - Bronze Medal in Fencing Men at University of Mumbai Zone II Intercollegiate Fencing Men & Women tournament
 - Silver medal in Water polo at Maharashtra State Olympic Games 2022-23
 - Third rank in AAVHAN 2023 by IIT Bombay (National Level)
 - Second rank in TSEC HACKS 2023 (Inter College) at Thadomal Shahani Engineering College
 - First and Second rank in KLEOS - National Level 36 hours Hackathon by D.Y. Patil Ramrao Adik Institute of Technology, Navi Mumbai
 - First rank in Google Solution Challenge 2023

Activities



Department of Computer Engineering

FACULTY LIST (A.Y. 2023-24)

Sr. No.	Name of Faculty Members & Date of Joining (DOJ)	Designation	Qualification	TCET Experience	Total Experience
1	Dr. Raghvendra R. Sedamkar (DOJ:01.02.11)	Professor; Director IQAC - NAAC; HOD (Ph.D.)	Ph.D.(Engineering.); M.E.(Computer Engineering); B.E.(Computer Engineering)	12 years 4 months	28 years
2	Dr.Sheetal Rathi (DOJ:15.01.07)	Professor; Dean (Academics) HOD (PG-COMP);	Ph.D.(Engineering); M.E.(Computer Engg.); B.E.(Computer Engg.)	16 years 5 months	17 years 2 months
3	Dr.Harshali Patil (DOJ:18.07.05)	Associate Professor; HOD (UG-COMP)	Ph.D.(Engineering); M.E.(Computer Engg.); B.E.(Computer Science & Engg.)	17 years 10 months	18 years 1 months
4	Dr.Anand Khandare (DOJ:20.03.06)	Associate Professor; Deputy HOD (UG-COMP)	Ph.D.- (Engineering); M.E.(Computer Engg.); B.E.(Computer Science & Engg.)	17 years 3 months	18 years
5	Dr.Zahir Aalam M.M. (DOJ:20.10.08)	Professor; T & P Officer	Ph.D.(Engineering); M.Tech.(Electronics & Telecomm. Engg.); B.E.(Electronics Engg.)	14 years 8 months	20 years 8 months
6	Dr. Rekha Sharma (DOJ:02.05.09)	Associate Professor	Ph.D.(Computer Technology); M.Tech. (Computer Science); M.Sc.(Computer Science)	14 years	21 years
7	Dr. Rashmi Thakur (DOJ:12.05.06)	Associate Professor	Ph.D.(Engineering) M.Tech.(Computer Engg.); B.E.(Computer Engg.)	17 years	21 years
8	Dr.Manish Rana (DOJ:29.05.08)	Associate Professor	Ph.D.-Engineering; M.E. (Computer Engg.); B.Tech.(Computer Sci. & Engg.)	15 years	15 years 11 months
9	Dr. Shiwani Gupta (DOJ:15.12.07)	Assistant Professor	Ph.D.(Engineering) M.Tech.(Computer Sci. & Engg.); B.Tech.(Computer Sci. & Engg.)	15 years 6 months	17 years 8 months
10	Ms. Vaishali Kaiche (DOJ:23.08.07)	Assistant Professor	Ph.D.-Pursuing; M.E.(Computer Engg.); B.E.(Computer Engg.)	15 years 9 months	16 years 6 months
11	Mr. Vikas Singh (DOJ:27.08.07)	Assistant Professor	M.E.(Computer Engg.); B.E.(Information Technology)	15 years 9 months	15 years 9 months
12	Ms. Lydia Suganya (DOJ:01.07.10)	Assistant Professor	M.E.(Computer Sci.) B.E.(Computer Sci.);	12 years 10 months	13 years 2 months
13	Ms. Veena Kulkarni (DOJ:01.07.11)	Assistant Professor	M.E.(Computer Engg.); B.E.(Computer Engg.)	11 years 11 months	16 years 5 months
14	Mr. Shailesh Sangle (DOJ-06.07.15)	Assistant Professor	Ph.D.-Pursuing; M.E.(Computer Engg.) B.E.(Computer Engg.);	7 years 11 months	13 years 3 months
15	Ms. Ashwini Kapse (DOJ-16.01.14)	Assistant Professor	Ph.D. Pursuing M.E. (Computer Engg.) B.E.(Computer Science & Engg.);	9 years 5 months	11 years 2 months
16	Ms. Deepali Joshi (DOJ-04.07.16)	Assistant Professor	Ph.D. Pursuing M.E (Computer Engg.) B.E (Computer Engg.);	6 years 11 months	08 Years 6 Months
17	Mr. Loukik Salvi (DOJ-18.01.21)	Assistant Professor	Ph.D. Pursuing M.E (Computer Engg.), B.E (Electronics & Telecommunication Engg)	2 years 5 months	5 years

Department of Computer Engineering

FACULTY LIST (A.Y. 2023-24)

Sr. No.	Name of Faculty Members & Date of Joining (DOJ)	Designation	Qualification	TCET Experience	Total Experience
18	Mr. Foram Shah (DOJ: 23.03.21)	Assistant Professor	M.E (Computer Engg.) B.E (Computer Engg.);	2 years 2 months	8 years
19	Ms. Niki Modi DOJ-23.03.21)	Assistant Professor	M.E (Computer Engg.) B.E (Information Technology);	2 years 2 months	3 years
20	Mr. Aniket Mishra (DOJ-23.03.21)	Assistant Professor	M.E (Computer Engg.) B.E (Computer Engg.);	2 years 2 months	3 years 2 months
21	Ms. Poonam Joshi (DOJ-23.03.21)	Assistant Professor	M.E (Information Technology) B.E (Computer Engg.);	2 years 2 months	9 years 6 months
22	Ms. Tanmayi Gupte (DOJ-01.04.21)	Assistant Professor	Ph.D. Pursuing M.E (Information Technology) B.E (Information Technology);	2 years 2 months	8 years 2 months
23	Ms. Drashti Shrimal (DOJ-15.01.22)	Assistant Professor	Ph.D. Pursuing M.E (Computer Engg.) B.E (Computer Engg.);	1 year 5 months	4 years 5 months
24	Ms. Anam Khan (DOJ-02.03.22)	Assistant Professor	M.E (CS & Engg.) B.E (CS & Engg.);	1 year 3 months	3 years 10 months
25	Ms. Priyanka Bolinjkar (DOJ-02.03.22)	Assistant Professor	M.E (Computer Engg.) B.E (Computer Engg.);	1 year 3 months	1 year 9 months
26	Mr. Swapnil Bhagat (DOJ-02.03.22)	Assistant Professor	Ph.D. Pursuing M.E (Computer Engg.) B.E (Information Technology);	1 year 3 months	1 year 6 months
27	Ms. Pranjali Sankhe (DOJ-01.04.22)	Assistant Professor	M.E (Computer Engg.) B.E (Computer Engg.);	1 year 2 months	3 years 2 months
28	Mrs. Chandana Nighut (DOJ-21.06.22)	Assistant Professor	Ph.D. Pursuing M.Tech.(Computer Engg.); B.E.(Computer Engg.)	11 months	10 years
29	Mrs. Tarunima Ganguly (DOJ-04.07.22)	Assistant Professor	M.Tech.(Computer Engg.); B.E.(Computer Engg.)	11 months	1 year 8 months
30	Mrs. Sayali Salkade (DOJ-26.07.22)	Assistant Professor	M.Tech.(Computer Engg.); B.E.(Computer Engg.)	11 months	12 years 5 months
31	Mr. Aniket Deo (DOJ-10.04.23)	Assistant Professor	M.E (ESC) B.E (Computer Sci.& Engg)	2 months	7 years 2 months
32	Ms. Pratiksha Deshmukh (DOJ:19.04.23)	Assistant Professor	Ph.D. Pursuing M.E (Computer Engg.) B.E (Computer Engg.);	2 months	7 years 6 months

Maximum Experience at TCET	:	17 years 10 months	Maximum Experience	:	28 years
Minimum Experience at TCET	:	02 months	Minimum Experience	:	1 year 6 months
MEAN Experience at TCET	:	6 years 8 months	MEAN Experience	:	10 years 08 months
MEDIAN Experience at TCET	:	02 years 04 months	MEDIAN Experience	:	10 years 05 months

DEPARTMENT OF INFORMATION TECHNOLOGY (IT)



Dr. Sangeeta Vhatkar
I/C - Head of Department

Establishment*	: A.Y. 2002-2003
Program offered	: 4 years B.E.(IT)
Faculty strength	: 23
No. of Ph.D.	: 06
Department library	: 728 + books and 370+ project reports
Professional chapter	: ACM-TCET
Student membership	: ACM, IEEE, NSS, ISTE, NCC, IETE
Number of labs	: 06 + 01 P.G. Lab
Number of class rooms	: 04 + 01 P.G. Classroom

Highlights

Faculty Patents	: 18
Faculty Book	: 06
Publications	: 300 + Publication
Common facilities	: Seminar Hall, Multipurpose room, Digital Library
Publication	: • "E-zine" Department's Technical Magazine, • Newsletter –SUNKALP, IC-ICN-22 Proceeding, Resource book

Department Vision

The department of IT will strive to be at the top position among the renowned providers of IT education.

Department Mission

The IT department is committed to enrich students by rigorously implementing quality education with a focus to make them industry ready, while imbuing in them professional ethics and social values to become responsible citizens.

Programme Educational Objectives

- PEO1. To prepare learners with a strong foundation in the area of information technology required to solve real life problems arising through software technology. (Knowledge)
- PEO2. To prepare learners to be knowledgeable of the ethics, professionalism and cultural diversity in the work environment to meet applicable standards with continued motivation for research and development. (Skill & Professionalism)
- PEO3. To prepare learners to understand the need for lifelong learning with effective written and oral communication skills and to be able to readily adapt to new software engineering environments. (Attitude, Presentation and Growth)

Program Specific Outcomes

- PSO1. To develop the culture of augmenting existing technologies to create scalable IT solutions.
- PSO2. To combine various technologies like IoT, Cloud and Analytics to provide integrated solutions to real time problems of government/industries.
- PSO3. To master in moulding any problem into a web/internet based solutions..

Student Oriented Best Practices

Academic: Structured and Guided Learning Material (Resource Book)

SOP (Student Orientation Programme) Conduct in the beginning of Semester

ICICN –MULTICON Conference with QP workshops (EVEN SEMESTER- Institute Level)

SIH-Participation

ESD, PS, ABL, PBL, RBL Activity

IIC(5.0)-Participation (MHRD)

Infrastructure



**Advanced Database Lab/
Operating System Lab**



**LAB: Simulation Lab/
Signal & Processing Lab**

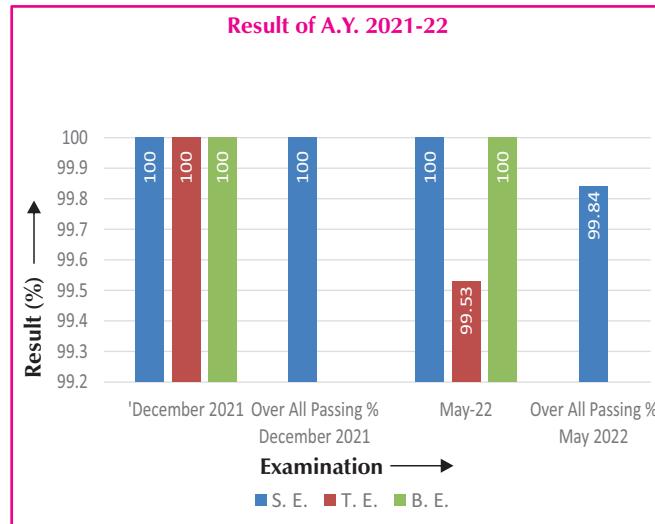


**LAB: System Software Lab/
Multimedia Lab**



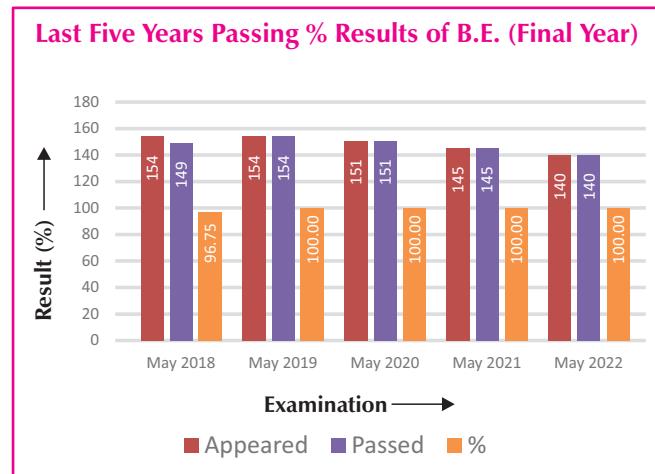
**LAB: Electronics Hardware Lab
Multimedia Lab**

Statistics



Result analysis of Semester (III, V, VII) - A.Y. 2022-23

Year (Dec-2022)	Appeared		Passed		Passing %		No. of Students						
	M	F	M	F	M	F	SPGA =10	SGPA >=9 and SGPA <10	SGPA >=8 and SGPA <9	SGPA >=7 and SGPA <8	SGPA >=6 and SGPA <7	SGPA >=5 and SGPA <6	
SE IT	109	29	109	29	100	100	0	99	37	2	0	0	0
TE IT	108	33	108	33	100	100	0	81	53	4	3	0	0
BE IT	101	39	101	39	100	100	22	90	24	2	2	0	0



- Students Achievement**
- 3 BE students participated and won SMART INDIA HACKATHON 22 held in SIH Chandigarh.
 - 4 SE students participated and won SMART INDIA HACKATHON 22 held in SIH Chennai.
 - 6 BE students participated and won SMART INDIA HACKATHON 22 held in SIH Hyderabad. Gupta Shruti Rajendra got second place in Code for Good 2022 at P Morgan Chase & Co.
 - TE student Yadav Hrishikesh Omprakash participated in National Level Hackathon as finalist and reached final rounds at Indian Institute of Information Technology Naya Raipur (IIIT Naya Raipur), Naya Raipur and Indian Institute of Technology Roorkee (IIT R), Roorkee respectively.
 - TE student Yadav Hrishikesh Omprakash in National Level Hackathon at Thadomal Shahani Engineering College (TSEC), Mumbai won 2nd Position.

Activities



Department of Information Technology

FACULTY LIST (A.Y. 2023-24)

Sr. No.	Name of Faculty Members & Date of Joining (DOJ)	Designation	Qualification	TCET Experience	Total Experience
1	Dr. Kamal Shah (DOJ:03.05.11)	Vice-Principal; Professor; (PG-IT)	Ph.D.(Engineering.); M.E. (Electronics & Telecommunication Engg.); B.E.(Electrical Engineering)	12 years	21 years 6 months
2	Dr.Sangeeta Vhatkar (DOJ:18.07.06)	Associate Professor; I/c. HOD (UG-IT)	Ph.D.(Engineering);M.Tech. (Computer Engg.); B.E.(Information Technology);	16 years 10 months	17 years 6 months
3	Dr.Rajesh Bansode (DOR:01.10.14)	Professor; MR	Ph.D.(Engg. & Tech.); M.Tech.(Laser science & appln.); B.Tech.(Electronics & Comm. Engg.)	15 years 8 months	19 years 8 months
4	Dr. Rahul Khokale (DOJ: 29.08.22)	Professor; I/c. ICT	Ph.D.(Computer Science); M.E.(Computer Sci. & Engg.); B.E.(Computer Sci. & Engg.)	9 months	26 years 9 months
5	Dr.Anil K. Vasoya (DOJ:15.07.06)	Associate Professor; HOC I/c.	Ph.D.(Engineering) M.E.(Computer Engg.); B.E.(Information Technology)	16 years 11 months	20 years 11 months
6	Dr.Kalawati Patil (DOJ:18.02.22)	Associate Professor	Ph.D.(Engineering); M.E. (Electronics & Telecomm. Engg.); B.E.(Electronics & Telecomm. Engg.)	1 year 4 months	21 years 6 months
7	Mr. Namdeo B. Badhe (DOJ:28.01.05)	Assistant Professor	M.E.(Computer Engg.); B.E.(Computer Sci. & Engg.)	18 years 4 months	20 years 6 months
8	Mrs. Pranjali Kasture (DOJ:16.08.05)	Assistant Professor	M.E.(Computer Engg.); B.E.(Computer Engg.)	17 years 10 months	18 years 02 months
9	Mr. Vijaykumar Yele (DOJ:24.07.07)	Assistant Professor	M.E.(Electronics & Telecomm. Engg.); B.E.(Electronics & Telecomm. Engg.);	15 years 10 months	17 years 8 months
10	Mrs. Purvi Sankhe (DOJ:07.07.10)	Assistant Professor	Ph.D.-Pursuing; M.E.(Computer Engg.); B.E.(Computer Engg.)	12 years 11 months	14 years 8 months
11	Mrs. Neha Kapadia (DOJ:01.07.11)	Assistant Professor	Ph.D.-Pursuing; M.E.(Computer Engg.); B.E.(Information Technology)	11 years 11 months	13 years 6 months
12	Mr. Rahul Neve (DOJ:01.07.11)	Assistant Professor	Ph.D.-Pursuing.; M.E.(Computer Sci. & Engg.); B.E.(Information Technology)	11 years 11 months	14 years
13	Mrs. Mary Margarat (DOJ-23.07.09)	Assistant Professor	Ph.D.-Pursuing.; M.E.(Computer Engg); B.Tech.(Computer Science & Engg.)	12 years 10 months	13 years 4 months
14	Mrs. Neha Patwari (DOJ-06.07.15)	Assistant Professor	M.Tech.(Computer Engg.); B.E.(Computer Engg.)	7 years 11 months	10 years 03 months
15	Mrs. Shruti Mathur (DOJ:28.07.14)	Assistant Professor	Ph.D.-Pursuing; M.Tech.(Computer Science); B.E.(Information Technology)	8 years 10 months	9 years

Department of Information Technology

FACULTY LIST (A.Y. 2023-24)

Sr. No.	Name of Faculty Members & Date of Joining (DOJ)	Designation	Qualification	TCET Experience	Total Experience
16	Mrs. Swati Abhang (DOJ:09.01.17)	Assistant Professor	M.Tech.(Computer Science & Engg.);B.E.(Information Technology)	6 years 5 months	13 years
17	Mrs. Apeksha Waghmare (DOJ:26.07.19)	Assistant Professor	M.E.(Information Tech.); B.E.(Information Tech.)	3 years 10 months	8 years 5 months
18	Mrs. Minakshi Chorpade (DOJ:01.07.22)	Assistant Professor	M.E.(Computer Engg); B.E.(Computer Science & Engg.)	11 months	9 years 5 months
19	Mrs. Monisha Linkesh (DOJ:01.07.22)	Assistant Professor	M.E.(Computer Science); B.E.(Computer Engg.)	11 months	3 years 5 months
20	Ms. Afreenzehra Sayed (DOJ:01.07.22)	Assistant Professor	M.Tech.(Electronics & Telecomm. Engg) B.Tech.(Electronics & Telecomm. Engg.)	11 months	10 years
21	Mrs. Pratibha Prasad (DOJ: 12.12.22)	Assistant Professor	M.Tech.(Comp. Science & Engg); B.E.(Comp. Science & Engg.)	6 months	2 years 6 months
22	Mrs. Trupti Shah (DOJ: 06.03.23)	Assistant Professor	M.E.(Computer Engg); B.E. (Computer Science & Engg.)	3 months	7 years 3 months
23	Ms. Himani Joshi (DOJ:08.05.23)	Assistant Professor	M.Tech.(Comp. Science & Engg) B.Tech.(Comp. Science & Engg.);	1 month	5 years 7 months

Maximum Experience at TCET	:	18 Years 4 months	Maximum Experience	:	26 years 9 months
Minimum Experience at TCET	:	01 months	Minimum Experience	:	2 years 6 months
MEAN Experience at TCET	:	08 years 03 months	MEAN Experience	:	13 years 08 Months
MEDIAN Experience at TCET	:	09 years 6 Months	MEDIAN Experience	:	13 years 05 Months

DEPARTMENT OF CIVIL ENGINEERING (CIVIL)



Dr. Seema Jagtap
Head of Department

Establishment*	: A.Y. 2015-2016
Program offered	: 04 years B.E.
Faculty strength	: 19
No. of Batches graduated	: 05
Professional Chapter	: American society for Civil Engineers (ASCE)
Student Membership	: ISTE, IEI, ASCE, NSS, NCC
Number of labs	: 10
Number of Class room	: 04 Classroom

Highlights

Common facilities	: Seminar Hall-1, 2, 3 & 4 Digital library, Tutorial Rooms, Auditorium
Publications	: • Department E-magazine E-MAARAT • Programme Resource Book • Conference Proceeding ICAMCE • Course Resource Book

Department Vision

To become a department of national relevance in the field of Civil Engineering.

Department Mission

The department of Civil Engineering is committed to provide undergraduate students with sound knowledge in the field of civil engineering, and build in them leadership and managerial skills along with inculcating the culture of lifelong learning and social sensitivity.

Programme Educational Objectives

- PEO1. Attain Sound Engineering knowledge and use of modern tools effectively to solve real life problems
- PEO2. Attain need based skills and lifelong learning to ensure global employability
- PEO3. Become successful professionals and responsible citizens with good leadership qualities and strong ethical values

Program Specific Outcomes (PG)

- PSO1. Able to develop academic aptitude and apply knowledge of mechanics and mathematics to real problems and thereby design and develop techniques.
- PSO2. Ability to enhance research skills and utilize advanced computing tools for analysis, design and implementation of these systems for resolving real life / social problems.
- PSO3. Ability to utilize multidisciplinary knowledge required for satisfying industry / global requirements and hence develop an attitude for life-long learning.
- PSO4. Ability to have all round personality with skills like leadership, verbal & written communication, team work, sensitivity towards society in order to become valued & responsible professionals.

Student Oriented Best Practices

Student Development Programs

Technical Internship
100 HRs

Social Internship
60 HRs

Engineering Workshops

Seminars by Industry Experts

PMKVY Skill related Industrial Training

CAMPUS Connect Program

Corporate Training Program

Infrastructure



Seminar on - Opportunity for Civil engineers as consultant

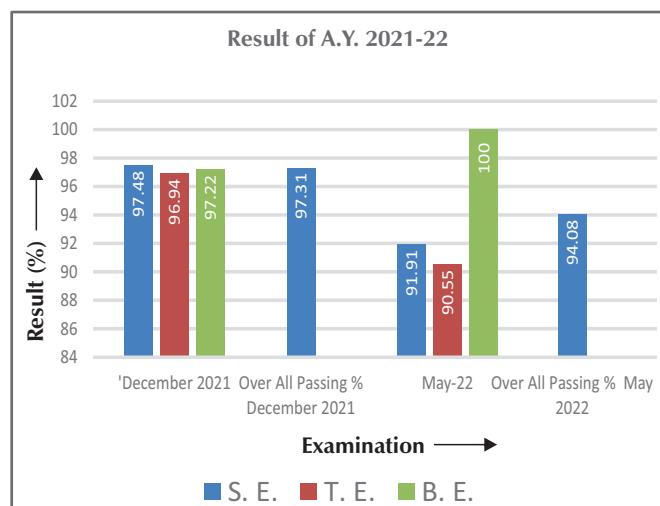


Idea Presentation by students



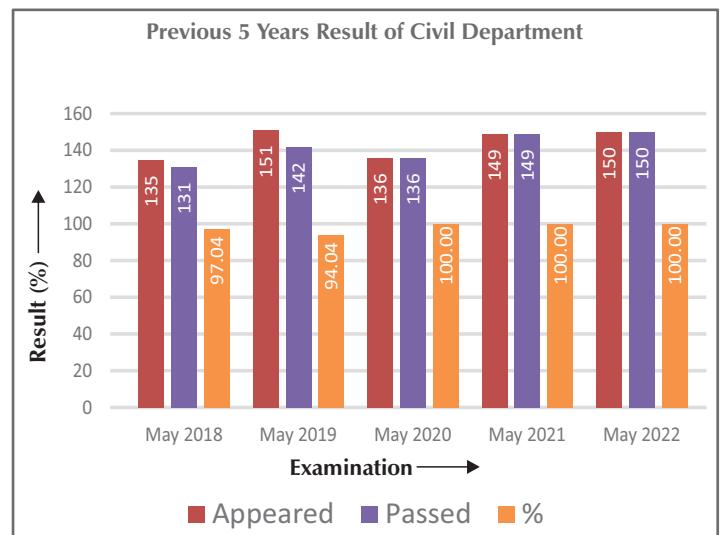
NASA Competition at Delhi

Statistics



Result analysis of Semester (III, V, VII) - A.Y. 2022-23

Year (Dec-2022)	Appeared		Passed		Passing %		No. of Students						
	M	F	M	F	M	F	SPGA =10	SGPA >=9 and SGPA <10	SGPA >=8 and SGPA <9	SGPA >=7 and SGPA <8	SGPA >=6 and SGPA <7	SGPA >=5 and SGPA <6	
SE CIVIL	59	9	55	9	93.22	100	0	14	20	16	13	1	
TE CIVIL	120	18	111	18	92.50	100	3	35	31	43	14	3	
BE CIVIL	130	21	124	21	95.38	100	9	48	38	35	12	3	



- Students Achievement**
1. Concrete Festival 2022/ Venue:- St johns campus Palghar/ Date:- 10&11 march
 2. Concrete Festival quiz and Poster Presentation at St johns Palghar on 10 and 11 March
 3. Event Name- Concrete Festival, Venue- St. John College of Engineering and Management, Date - 11th March 2022
 4. Event Name - Concrete Festival 2022 at St. John College of Engineering and Management Palghar at 10th March 2022
 5. Event Name: HORIZON'21-VIVRIT, NMIMS Mukesh Patel School of technology Management and Engineering Mumbai. on 11th Oct. 2021
 6. Vidyavardhini College of Engineering and Technology Vasai
 7. ASCE DY PATIL COLLEGE OF ENGINEERING AND TECHNOLOGY 3rd prize innovation competition
 8. ASCE - Punjab Engineering College 2nd position in Paper Presentation

Activities



Department of Civil Engineering

FACULTY LIST (A.Y. 2023-24)

Sr. No.	Name of Faculty Members & Date of Joining (DOJ)	Designation	Qualification	TCET Experience	Total Experience
1	Dr. Seema Jagtap (DOJ :15.12.14)	HOD(UG-Civil) Professor	Ph.D(Engg); M.Tech (Hydraulics-Civil); B.E (Civil Engg)	7 years 6 months	22 years
2	Dr.Sanjeev Chaudhari (DOJ : 1.9.2017)	Associate Professor Controller of Examination	Ph.D Technology (Civil Engg) M.E (Civil); B.E (Civil)	5 years 5 months	33 years 7 months
3	Mr Pritesh Bhana (DOJ:1.7.16)	Assistant Professor Dy. HOD (UG-Civil)	Ph.D.-Pursuing; M.E.(Transportation Engg.); B.Tech.(Civil Engg.)	5 years 11 months	6 years 11 months
4	Dr. Maheboobsab Nadaf (DOJ:01.09.22)	Associate Professor	Ph.D.-(Geotechnical Engg.); M.Tech.(Geotechnical Engg.); B.E.(Civil Engg.)	5 years 11 months	6 years 11 months
5	Ms Ugandhara Gaikwad (DOJ:7.7.2015)	Assistant Professor	Ph.D.-Pursuing; M.Tech. (Water Resources Engg.); B.E.(Civil Engg.)	7 years 11 months	9 years 2 months
6	Mrs. Rutuja Shinde (DOJ:13.7.2015)	Assistant Professor	Ph.D.-Pursuing; M.E (Water Resource & Environmental Engg); B.E (Civil Engg)	7 years 11 months	8 years 6 months
7	Ms Ashwini Shanbag (DOJ:11.7.16)	Assistant Professor	M.Tech (Transportation Engg and Management) ;B.E (Civil Engg)	6 years 11 months	6 years 11 months
8	Mr Vinayak Bachal (DOJ:4.7.16)	Assistant Professor	Ph.D.-Pursuing; M.Tech(Civil Engg); B.E (Civil Engg)	6 years 11 months	6 years 11 months
9	Mr Arpit Vyas (DOJ:11.7.16)	Assistant Professor	Ph.D.-Pursuing; M.Tech(Civil Engg); B.E (Civil Engg)	6 years 11 months	6 years 11 months
10	Mr Swapnil Raut (DOJ:7.7.17)	Assistant Professor	M.Tech (Construction Management); B.E (Civil Engg)	5 years 11 months	5 years 11 months
11	Mr Darshan Mali (DOJ:6.1.17)	Assistant Professor	M.E (Water Resource Engg); B.E (Civil Engg)	6 years 5 months	8 years 6 months
12	Mr Prashant Narayane (DOJ:15.7.16)	Assistant Professor	M.E.(Civil Engg) Pursuing B.E(Civil Engg)	6 years 11 months	6 years 5 months
13	Mr Ninad Khandare (DOJ:19.7.17)	Assistant Professor	Ph.D Pursuing, M.E (Structure Engg), B.E(Civil Engg)	5 years 11 months	19 years
14	Ms. Priyanka Deshmukh (DOJ:9.7.18)	Assistant Professor	M.Tech (Environmental Engineering), B.Tech (Civil Engineering)	4 years 11 months	6 years
15	Mr. Ghanshyam Pal (DOJ:9.7.18)	Assistant Professor	M.E (Water Resources Engineering), B.E(Civil Engg)	4 years 11 months	8 years
16	Mr Vinod Salunkhe (DOJ:1.2.17)	Assistant Professor	M.E(Environmental Engg); B.E (Civil Engineering)	6 Year 4 Months	8 years 9 months
17	Mrs. Dipika D. Dalvi (DOJ-05.03.21)	Assistant Professor	M.E.(Cemical Engg) B.E.(Civil Engineering);	2 year 3 months	9 years
18	Mrs. Supriya Shinde (DOJ-24.03.21)	Assistant Professor	M.E. (Structural Engineering) B.E.(Civil Engineering)	2 year 2 months	6 years
19	Ms. Pallavi Patl (DOJ: 24.03.22)	Assistant Professor	M.E.(Chemical Engg) B.E.(Civil Engineering);	1 year 2 months	7 years

Maximum Experience at TCET : 7 years 11 months
 Minimum Experience at TCET : 10 months
 MEAN Experience at TCET : 4 years 8 months
 MEDIAN Experience at TCET : 5 years 11 months

Maximum Experience : 33 years 07 months
 Minimum Experience : 05 years
 MEAN Experience : 09 years 09 months
 MEDIAN Experience : 08 years

DEPARTMENT OF MECHANICAL ENGINEERING (MECH)



Dr. Siddesh .D
Head of Department

Establishment*	: A.Y. 2012-13
Program offered	: B.E (MECHANICAL)
Faculty strength	: 19
No. of Ph.D.	: 2
Department library	: 300 books
Professional Chapter	: ASME- TCET, SAE-T CET
Student Membership	: NSS, ISTE, ASME, SAE, NCC
Number of labs	: 10
Number of Class rooms	: 05

Highlights

- | | |
|-------------------|---|
| Common facilities | : Seminar Hall-01,02,03,04 & Auditorium Digital Library, Reading Room |
| Publications | : <ul style="list-style-type: none"> • Programme Resource Book • Course Resource Book • Mechon Magazine & Newsletter • Multicon-W ICAMCE Proceedings • Scopus Papers |

Department Vision

The department of Mechanical Engineering is to become a department of eminence in the field of Mechanical Engineering. It will strive to provide powerful educational effectiveness by linking facts, theory, discovery and solutions to real world problems thereby providing a sound foundation to the undergraduate students.

Programme Educational Objectives

- PEO1. Prepare with strong foundation in mathematical, scientific and engineering fundamentals that will enable them to have successful career in Mechanical and Interdisciplinary Industries. (KNOWLEDGE)
- PEO2. Strengthen their knowledge and skills through self-learning abilities throughout their professional career or during higher education. (SKILL & PROFESSIONALISM)
- PEO3. Impart critical thinking skills and to develop innovative ideas for Research & Development (RESEARCH & INNOVATION)

Department Mission

To deliver an excellent undergraduate engineering program that prepares students for successful careers with social sensitivity, and also actively promote the culture of research amongst students and faculty

Program Specific Outcomes

- PSO1. Identify, Formulate and Analyze complex Engineering problems in Thermal Engineering, Design Engineering and Manufacturing Engineering domains.
- PSO2. An ability to find out, articulate the local industrial problems and solve with the use of Mechanical Engineering tools for realistic outcomes.
- PSO3. An ability of collaborative learning to find out cost-effective, optimal solution sustainable growth.

Student Oriented Best Practices

Design and Development of product using CNC Lathe Machine

Activity under Bureau of Indian Standards (BIS) Club

External participation under SAE & ASME bodies for National & International competitions

Capstone Projects Industry oriented professional skills

Infrastructure



Machine Shop

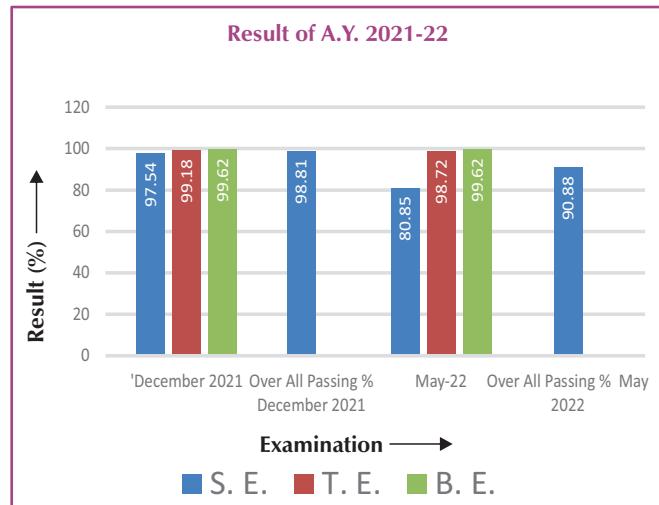


Mechanical Vibration Laboratory



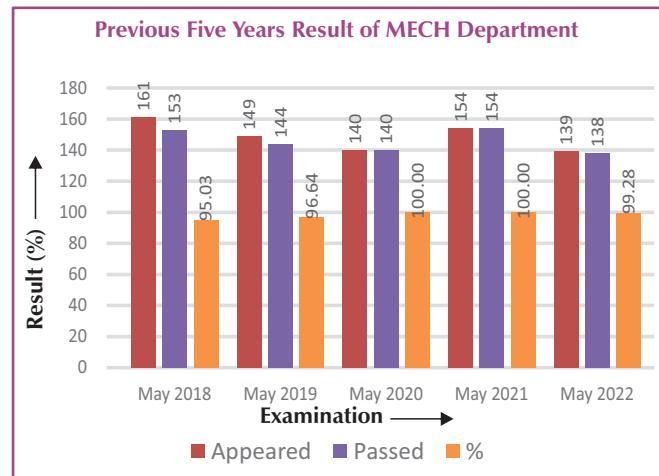
I.C. Engines Laboratory

Statistics



Result analysis of Semester (III, V, VII) - A.Y. 2022-23

Year (Dec-2022)	Appeared		Passed		Passing %		No. of Students						
	M	F	M	F	M	F	SPGA =10	SGPA >=9 and SGPA <10	SGPA >=8 and SGPA <9	SGPA >=7 and SGPA <8	SGPA >=6 and SGPA <7	SGPA >=5 and SGPA <6	
SE MECH	64	6	46	4	93.22	100	0	14	20	16	13	1	
TE MECH	119	12	104	12	92.50	100	3	35	31	43	14	3	
BE MECH	123	16	118	16	95.38	100	9	48	38	35	12	3	



- Students Achievement**
1. All Students successfully completed outhouse internships in well-known MNC companies.
 2. Sixty Four students cleared various competitive examinations like GRE, GATE, TOFEL, IELTS, CET, CAT & students admitted in Foreign/Indian Universities in 2022.
 3. Sixty Students from Batch 2022 successfully placed in well known Core & IT industries.
 4. Team PHOTON secured 1st rank in ASME - HPVC competition at Asia Pacific region.
 5. Team ECLIPSE Racing secured AIR 10th in FORMULA BHARAT competition.
 6. Team MAVERICS secured AIR 11th in FORMULA BHARAT Electric Vehicle competition.
 7. Team NIRMAAN Hyperloop selected in Top 18 teams in European Hyperloop week.

Activities



Department of Mechanical Engineering

FACULTY LIST (A.Y. 2023-24)

Sr. No.	Name of Faculty Members & Date of Joining (DOJ)	Designation	Qualification	TCET Experience	Total Experience
1	Dr. Siddesh Doddametikurke (DOJ-04.08.15)	Professor; HOD (Mechanical)	Ph.D.(Mechanical Engg.)M.E. (Production Management Engineering) B.E.(Industrial & Production Engineering)	7 years 10 months	28 years 6 months
2	Mr. Rajeshwar Deshmukh (DOJ:06.07.13)	Deputy HOD (Mechanical); Assistant Professor	Ph.D.-Pursuing;M.E.(Mechanical Engg);B.E.(Production Engg.);	9 years 11 months	26 years 6 months
3	Mr. Jayant Patil (DOJ:14.01.13)	I/c.W/s. Superintendent; Assistant Professor	Ph.D.-Pursuing;M.E.(Production Engg.); B.E.(Mechanical Engg.);	10 years 5 months	24 years
4	Mr. Krishna Gaikwad (DOJ:18.06.13)	Assistant Professor	M.Tech.(Mechanical-CAD/CAM); B.E.(Mechanical Engg.)	10 years	11 years 11 months
5	Mr. Rupesh Deshbhratar (DOJ:02.08.13)	Assistant Professor	M.Tech.(Heat Power); B.E.(Mechanical Engg.)	9 years 10 months	10 years 6 months
6	Mr. Jaisinghani Rajeshwari S. (DOJ:06.08.13)	Assistant Professor	M.E.(Mechanical Engg); B.E.(Production Engg.);	9 years 10 months	11 years 6 months
7	Mr. Muzawar Iqbal (DOJ-06.07.15)	Assistant Professor	M.E.Mechanical Engg.) B.E.(Mechanical Engg.)	7 years 11 months	9 years 6 months
8	Mr. Mahendra Shelar (DOJ-06.07.15)	Assistant Professor	Ph.D. Pursuing; M.Tech. (Mechanical Specialization in Auto. Engg);B.E.(Mechanical Engg.)	7 years 11 months	8 years 6 months
9	Mr. Vinay Bhatkar (DOJ-06.07.15)	Assistant Professor	M.E.(Mechanical Engg.) B.E.(Mechanical Engg.)	7 years 11 months	8 years 6 months
10	Mr. Swetha Sureshkumar (DOJ-06.07.15)	Assistant Professor	M.Tech.(Machine Design); B.E.(Production Engg.);	7 years 11 months	8 years 6 months
11	Mr. Vaibhav Madane (DOJ-01.07.16)	Assistant Professor	M.E.(Thermal Engg.) B.E.(Mechanical Engg.)	6 years 11 months	11 years
12	Mr. Sachin Oak (DOJ-13.07.16)	Assistant Professor	M.E.(Mechanical-CAD/CAM); B.E.(Mechanical Engg.)	5 years 11 months	6 years 3 months
13	Mr. Pawan Tiwari (DOJ-10.07.15)	Assistant Professor	M.Tech.(Thermal Engineering); B.Tech.(Mechanical Engg)	6 years 11 months	7 years 6 months
14	Mr. Uddhav Nimbalkar (DOJ-06.12.17)	Assistant Professor	M.Tech.(Thermal Engineering); B.E.(Mechanical Engg)	5 years 6 months	7 years
15	Mr. Pankaj Rawool (DOJ-03.01.17)	Assistant Professor	M.Tech.(Machine Design); B.E.(Mechanical Engg)	5 years 6 months	6 years 4 months
16	Mr. Jitendra Chavan (DOJ:09.03.21)	Assistant Professor	M.E.(Production Engg.) B.E.(Production Engg)	1 year 3 months	8 years 8 months
17	Dr.Vaibhav Shinde (DOJ: 22.03.21)	Assistant Professor	Ph.D.(Engineering)M.E.(Mechanical Engg.)B.E.(Mechanical Engg)	1 year 2 months	10 years
18	Mr. Nitin Galwade (DOJ:02.01.23)	Assistant Professor	M.Tech.(Mech. & Thermal Engineering);B.E.(Mechanical Engg)	5 months	8 years 5 months
19	Mr. Shankar Waghmode (DOJ:05.01.23)	Assistant Professor	M.Tech.(Mechanical Engineering); B.E.(Production Engg)	5 months	3 years 5 months
20	Ms. Krishna Verma (DOJ:10.01.23)	Assistant Professor	M.E.(Mechanical Engg.) B.E.(Mechanical Engg.)	5 months	10 years

Maximum Experience at TCET :	10 years 06 months	Maximum Experience :	28 years 6 months
Minimum Experience at TCET :	5 months	Minimum Experience :	3 year 05 months
MEAN Experience at TCET :	5 years 5 month	MEAN Experience :	10 years 08 month
MEDIAN Experience at TCET :	6 years 6 months	MEDIAN Experience :	08 years 03 months



BE COMPUTER SCIENCE & ENGINEERING (CYBER SECURITY)

Highlights

Establishment*	: A.Y. 2022-2023	Common facilities	: Seminar Hall (03), Multipurpose Hall, Digital library, Canteen & Reading Room
Program offered	: 4 years B.E. Computer Science and Engineering (Cyber Security)	Publications	: "DeCypher" Department's E-Magazine, Course Resource book
Faculty strength	: 05	Current Status	: Currently first batch is in second year will progress in third year in A.Y. 2023-24
No. of Ph.D. graduated	: 02		
Department Library	: 20 Books		
Success rate	: NA		
Number of labs	: 04		
Number of classrooms	: 2 U.G. Classrooms		
Defence and Armed	: NCC		

Dr. Vidyadhari Singh
I/c - Head of Department

Department Vision

To become a department of high repute by imparting quality education and excel in the field of Cybersecurity.

Programme Educational Objectives

- PEO1. Acquaint with fundamental and Sound Engineering knowledge and latest technological tools and techniques effectively to solve real life problems (KNOWLEDGE)
- PEO2. Develop professional skills and inculcate life long learning to ensure global employability (SKILL)
- PEO3. Become responsible citizen with good educational and human values to serve the society (PROFESSIONALISM)

Department Mission

The Department of Cyber Security is committed to deliver and nurture students with the knowledge and skill set in the field of Cybersecurity to make them competent professionals and develop in them leadership qualities, ethical attitude, lifelong learning and the mindset to contribute effectively towards industry and society.

Program Specific Outcomes

- PSO1. Develop academic aptitude to understand about cybersecurity apply knowledge to protect against cybercrime and cyber-attacks in real-time.
- PSO2. Enhance research skills and utilize advanced privacy tools for analysis, design and implementation of security systems for real time problems.
- PSO3. Apply multi-disciplinary knowledge required for cyber security industry and to develop an attitude for lifelong learning.
- PSO4. Develop an overall personality with skills like leadership, verbal and written communication, teamwork, sensitivity towards society in order to become valued and responsible professionals.

Student Oriented Best Practices



Infrastructure



Statistics

Result of A.Y. 2022-23		Result analysis of Semester (III, V, VII) - A.Y. 2022-23											
Year (Dec-2022)		Appeared		Passed		Passing %		No. of Students					
		M	F	M	F	M	F	SPGA =10	SGPA >=9 and SGPA <10	SGPA >=8 and SGPA <9	SGPA >=7 and SGPA <8	SGPA >=6 and SGPA <7	SGPA >=5 and SGPA <6
SE CSE		68		68		100%		1	23	18	22	3	1
TE CSE		-		-		-		-	-	-	-	-	-
BE CSE		-		-		-		-	-	-	-	-	-

Currently first batch is in SE and therefore TE and BE will be progressing data list A.Y. 2025-26

Education Highlights

- Student Centric process driven system with focus on student learning engagement
- Programme structure is based on Choice Based Credit Grading Scheme with holistic and multidisciplinary education (CBCGS-HME) to support outcome based education (OBE)
- Academic curriculum is supplemented with Industry and sector specific relevant curriculum
- Infrastructure, facilities and laboratories are as per industry standards used for academic, training and research activities
- Collaboration with CyberPeace Foundation for Social Internship and Student Development Program

Students Achievement

- Kaushal Agarwal, is the Top Performer - GFG TCET's RUNTIME TERROR Contest and participated in Google Solution Challenge as well as Hackover 3.0.
- Jyotiraditya Bhosale, Selected for government research project, "Unveiling the Reality of Rural India: A journey through Sitabdiara village" in which he and his team researched on rural development in Sitabdiara village.
- Dhruv Patel, Vaibhav Singh, Satyam Pandey and Darshan Purohit, Winners in the category of Article writing in E Raksha Competition.
- Sumit Sharma, Winner in Chronicles Quarter 1, Quarter 2 in Rotaract District 3141.
- Tanmay Godha, 6th position in Runway (national level startup competition) and selected for Yukti innovation (government start up competition).

Activities



Department of BE Computer Science & Engineering (Cyber Security)

FACULTY LIST (A.Y. 2023-24)

Sr. No.	Name of Faculty Members & Date of Joining (DOJ)	Designation	Qualification	TCET Experience	Total Experience
1	Dr. Vidyadhari R. Singh (DOJ: 01.07.09)	I/c.HOD (CS); Associate Professor	Ph.D.-(Engineering); M.Tech.(Computer Engg.); B.E.(Information Technology)	13 years 11 months	14 years 8 months
2	Ms. Siddhi Ambre (DOJ: 23.03.21)	Assistant Professor	M.E.(Computer Engg) B.E.(Computer Engg.);	2 years 2 months	7 years 2 months
3	Mrs. Ditixa Mehta (DOJ: 22.03.21)	Assistant Professor	M.Tech.(Computer Engg.) B.E.(Computer Engg.);	2 years 2 months	14 years 10 months
4	Ms. Anamika Singh (DOJ: 10.02.23)	Assistant Professor	M.E.(Information Tech.) B.E.(Information Tech.);	4 months	8 years
5	Dr. Karuna Bhosale (DOJ: 23.03.23)	Assistant Professor	Ph.D.(Engineering); M.E.(Computer System); B.E. (Electronics & Telecomm. Engg.);	2 months	9 years 2 months

Maximum Experience at TCET : 13 years 11 months
 Minimum Experience at TCET : 2 months
 MEAN Experience at TCET : 3 years 4 months
 MEDIAN Experience at TCET : 2 years 22 months

Maximum Experience : 14 years 10 months
 Minimum Experience : 7 years 2 months
 MEAN Experience : 10 years 04 months
 MEDIAN Experience : 09 years 02 months



Dr. Atul Karanjkar
I/c - Head of Department

Establishment*	: A.Y. 2022-23
Program offered	
Faculty strength	: 07
No. of Ph.D.	: 04
Department Library	: 10 books
Professional chapter	: RSI
Student membership	: ASME, SAE, RSI, NCC
Number of labs	: 03
Number of classrooms	: 02

Highlights

Common facilities	: Seminar Hall-04 & Auditorium - 01
Publication	: • "Quasar" Annual College Magazine. MECHON" Department Technical Magazine
	• Course Resource Book
	• "Parivartan" magazine & Newsletter (NSS)
	• Multicon-W ICAMCE Proceedings
Current Status	: Currently in second year which will reach to third year in A.Y. 2023-24

Department Vision

To be recognized as a globally competitive quality education provider with interdisciplinary approaches to future industrial, environmental, and societal needs using engineering ethical practices.

Programme Educational Objectives

- PEO1. To prepare learners with a strong foundation in Science and Engineering fundamentals that will enable them to have a successful career in an Interdisciplinary approach. (KNOWLEDGE).
- PEO2. To prepare learners to use modern tools involving skill and Interdisciplinary order to simulate and solve real-life problems (SKILL & PROFESSIONALISM).
- PEO3. To develop the ability, and critical thinking skills to develop innovative ideas for Emerging Research & Deployments (RESEARCH & INNOVATION).

Department Mission

To provide industry-oriented education with a curriculum designed in collaboration with potential stakeholders. To prepare our graduates as successful professionals through research and innovations in their interdisciplinary fields. To develop ethical, leadership, and entrepreneurship skills among students so as to enable them to be responsible citizens of society.

Program Specific Outcomes

- PSO1. Ability to apply the recent technique for developing Mechatronics products to cater the global needs.
- PSO2. To empower the students to apply practical skills, and knowledge in major streams such as CNC machines, rapid prototyping systems industrial robotics, and additive manufacturing.
- PSO3. To enable the student to take-up a career in industries or to pursue higher studies in Mechanical and Mechatronics Engineering and interdisciplinary programs with high regard for ethical values, environmental and social issues.

Student Oriented Best Practices

GATE Preparation during lectures for related subjects

Flip classroom

Formative Assessment for subjects

Mentoring by industry experts

Exploring various industries that are most concern with the curriculum in the near by areas

Infrastructure



Hydro-Pneumatic Lab



Computer Lab

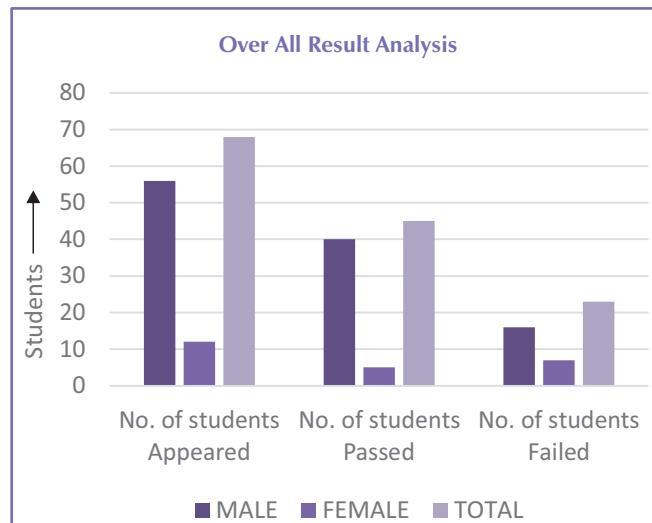


Sensors lab



Automation Lab

Statistics



Year (Dec-2022)	Appeared		Passed		Passing %		No. of Students						
	M	F	M	F	M	F	SPGA =10	SGPA >=9 and SGPA <10	SGPA >=8 and SGPA <9	SGPA >=7 and SGPA <8	SGPA >=6 and SGPA <7	SGPA >=5 and SGPA <6	
SE MME	56	12	40	5	71%	41%	-	5	18	17	5	-	-
TE MME	-	-	-	-	-	-	-	-	-	-	-	-	-
BE MME	-	-	-	-	-	-	-	-	-	-	-	-	-

Currently first batch is in SE and therefore TE and BE will be progressing data list A.Y. 2025-26

Education Highlights

1. Student Centric process driven system with focus on student engagement
2. Programme structure is based on Choice Based Credit Grading Scheme with holistic and multidisciplinary education (CBCCS-HME)
3. Academic curriculum is supplemented with Industry and sector specific relevant curriculum
4. Infrastructure, facilities and laboratories are as per industry standards meeting curriculum needs
5. Student Chapter of "The Robotics Society of India"

Students Achievement

1. Students participated and 12 Students won in Idea Presentation at International Conference on IoT in Social, Industry, Analytics, and Communication (IoT-SIAC 2022).
2. 67 Students Presented posters in International Conferences Paper and Poster Presentation competition MULTICON-W ICAMCE 2023, 1 group was awarded as best paper.
3. Students Participated in state level project competition DIPEX 2023 at Amravati.
4. Students Participated in Formula Bharat 2023 Electric Competition and secured 18th Rank.
5. Students Participated in Formula Bharat 2023 Combustion Competition and secured 10th Rank.

Activities



Department of Mechanical and Mechatronics Engineering

(Additive Manufacturing)

FACULTY LIST (A.Y. 2023-24)

Sr. No.	Name of Faculty Members & Date of Joining (DOJ)	Designation	Qualification	TCET Experience	Total Experience
1	Dr. Atul Karanjkar (DOJ: 01.09.22)	I/c.HOD(M&M); Associate Professor	Ph.D.(Engineering) M.E.(Mechanical Engg.)B.E.(Mechanical Engg)	9 months	23 years 9 months
2	Dr. Archana Belge (DOJ: 21.07.08)	Associate Professor	Ph.D.-(Engineering);M.Tech.(I.PS.) B.E.(EXPO);	14 years 10 months	15 years 4 months
3	Mr. Dipesh Tare (DOJ: 22.03.21)	Assistant Professor	M.E.(Heat Power) B.E.(Mechanical Engg.);	2 years 2 months	9 years
4	Amit Kolekar (DOJ: 22.03.21)	Assistant Professor	M.Tech.(Heat Power) B.E.(Mechanical Engg.);	2 years 2 months	2 years 2 months
5	Dr. Sudhakar Umale (DOJ: 29.08.22)	Adjunct Professor	Ph.D.(Engineering);M.E.(Machine Design)B.E.(Mechanical Engg.);	9 months	35 years 9 months
6	Mr. Abhishek Patil (DOJ: 18.03.23)	Assistant Professor	M.Tech.(Design Engg) B.E.(Mechanical Engg.);	2 months	5 years 2 months
7	Dr. Udaykumar Saindane (DOJ: 31.03.23)	Assistant Professor	Ph.D.(Engineering);M.E.(Machine Design) B.E.(Mechanical Engg.);	2 months	15 years 2 months

Maximum Experience at TCET	:	14 years 10 months	Maximum Experience	:	35 years 9 months
Minimum Experience at TCET	:	2 months	Minimum Experience	:	2 years 2 months
MEAN Experience at TCET	:	2 years 9 months	MEAN Experience	:	15 years 02 months
MEDIAN Experience at TCET	:	9 years	MEDIAN Experience	:	15 years 02 months



Dr. Prachi Janrao
I/c - Head of Department
B.Tech (AI&DS)

Establishment*	: A.Y 2020-2021
Program offered	: B.Tech
Faculty strength	: 07
No. of Ph.D.	: 01
Department Library	: 30 Books
Professional chapter	: CSI Student
Student membership	: CSI, Society for Data Science (S4DS), NCC
Number of labs	: 04
Number of classrooms	: 02

Highlights

Common facilities	: Seminar Hall-04 & Auditorium-01
Publication	: "PRAGYAAN" Department's E-Magazine, Course Resource Book

Department Vision

"To become the department of eminence in the emerging technology area and create technologist for providing solutions to 21st century problem"

Department Mission

The department of B.Tech (AI & DS) is committed to inspire and create technologist with analytical, data centric and creative mindset having leadership qualities and ethical attitude, who can offer transparent and inclusive solution for the development of society and achievement of national goals with innovative technologies and smarter services.

Programme Educational Objectives

PEO1. Acquire knowledge in the field of Artificial Intelligence & Data Science for providing solutions to business and societal challenges.

PEO2. Attain relevant skills and modern technology for becoming globally employable.

PEO3. Become successful professionals with strong ethical, leadership and decision making capabilities.

Program Specific Outcomes

PSO1. The ability to understand, analyse and demonstrate the knowledge of human cognition, Artificial Intelligence and Data Science in terms of real world problems to meet the challenges of the future.

PSO2. The ability to apply knowledge of basic science, probability & statistics, computing and algorithms in real world problems and meet the challenges of the future

PSO3. The Ability to deliver optimized solutions with good communication skills.

PSO4. The attitude for collaborative learning and a culture of teamwork through multidisciplinary AI-based and data centric initiatives with professional ethics.

Student Oriented Best Practices

Student Orientation Program

Social Internship

Structured and Guided Teaching Learning

Paper Presentation & Contest

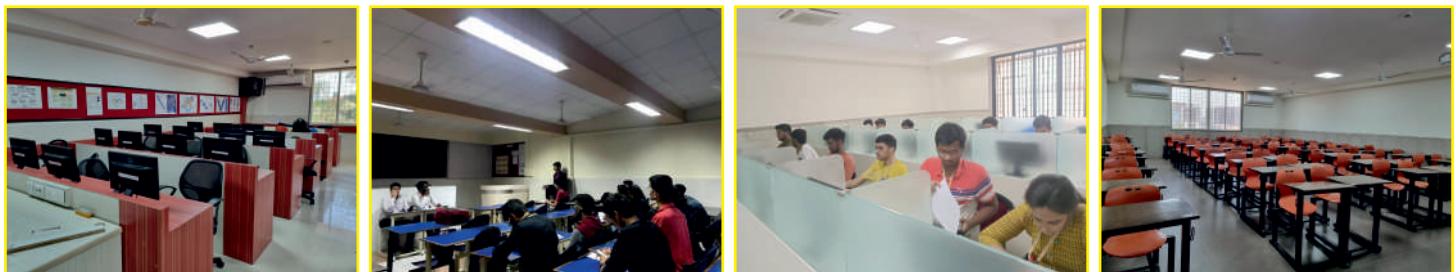
Technical Internship for 100 hrs.

Participation in Hackathon Competitions

Student Focus group-Mind Benders

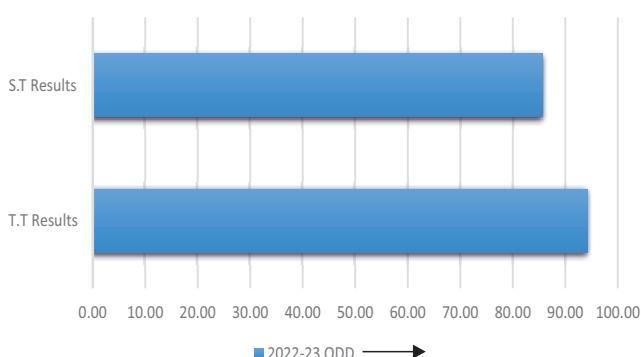
Level-wise Sector Specific Value added courses

Infrastructure



Statistics

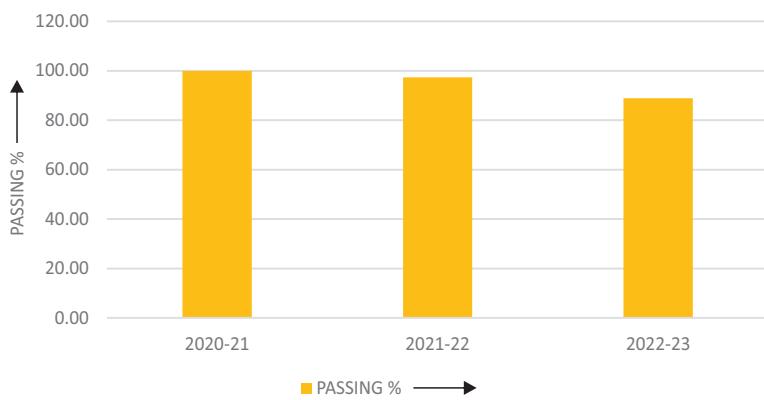
Result of A.Y. 2022-23 (ODD Semester)



Result analysis of Semester (III, V, VII) - A.Y. 2022-23

Year (Dec- 2022)	Appeared		Passed		Passing %		No. of Students						
	M	F	M	F	After Suppl.	Before Suppl.	SPGA =10	SGPA > =9 and SGPA <10	SGPA > =8 and SGPA <9	SGPA > =7 and SGPA <8	SGPA > =6 and SGPA <7	SGPA > =5 and SGPA <6	
ST AI&DS	54	15	52	15	97.10	86.96	3	13	18	17	5	-	-
TT AI&DS	57	13	56	13	98.57	94.29	0	36	-	-	-	-	-
BT AI&DS	-	-	-	-	-	-	-	-	-	-	-	-	-

Last Three Year Result of AI&DS Department



Students Achievement

- Some Students of the department Completed Data Analyst Associate Certification
- One of the TT students received Gold and Bronze medal in Fencing competition at Mumbai University level
- One of the ST students won 3rd Prize in Khelo India University Games Competition
- One of the TT students won 1st prize in Paper Presentation Competition (Institute Level)
- One of the ST students group won 1st prize in Project based learning Competition (Institute Level)
- One of TT Students won first prize in T Spark Competition (Institute Level)

Activities



Experienced faculty with specialization in Artificial Intelligence and Data Science

FACULTY LIST (A.Y. 2023-24)

Sr. No.	Name of Faculty Members & Date of Joining (DOJ)	Designation	Qualification	TCET Experience	Total Experience
1	Dr. Prachi Janrao (DOJ:03.03.10)	I/c. HOD (AI&DS); Associate Professor	Ph.D.(Engineering);M.E.(Computer Sci.); B.E.(Information Technology)	13 years 3 months	17 years 4 months
2	Mr. Amit Tiwari (DOJ: 03.01.22)	Assistant Professor	M.E.(Computer Engg.) B.E.(Electronics Engg);	5 months	2 years 5 months
3	Ms. Himani Tiwari (DOJ:21.10.22)	Assistant Professor	M.E..(Computer Sci. & Engineering) B.Tech.(Computer Sci. & Engineering.);	8 months	2 years 7 months
4	Ms. Amruta Mhatre (DOJ:14.11.22)	Assistant Professor	Ph.D.-Pursuing M.E.(Computer Engg.) B.E.(Computer Engg);	7 months	11 years 7 months
5	Mr. Arul Shalom (DOJ:12.12.22)	Assistant Professor	M.E..(Computer Engineering) B.Tech. (Computer Sci. & Engineering.);	6 monhs	10 years 6 months
6	Ms. Swati Mude (DOJ: 17.01.23)	Assistant Professor	M.Tech.(Electronics & Comm. Engg.); B.Tech. (Electronics & Comm. Engg.)	5 months	1 year 8 months
7	Mr. Ravindra Sonavane (DOJ: 06.02.23)	Assistant Professor	M.Tech.(Electronics & Comm. Engg.); B.Tech. (Electronics & Comm. Engg.)	4 months	7 years

Maximum Experience at TCET	:	12 years 30 months	Maximum Experience	:	15 years 08 months
Minimum Experience at TCET	:	4 months	Minimum Experience	:	1 years 08 months
MEAN Experience at TCET	:	2 years 2 months	MEAN Experience	:	7 years 4 months
MEDIAN Experience at TCET	:	6 months	MEDIAN Experience	:	7 years



Dr. Megharani Patil
I/c - Head of Department
B.Tech (AI&ML)

DEPARTMENT OF ARTIFICIAL INTELLIGENCE & MACHINE LEARNING

Highlights

Establishment*	: AY 2020-2021
Program offered	: B.Tech (AI&ML)
Faculty strength	: 09
No. of Ph.D.	: 02
Department Library	: 10 Books
Professional chapter	: ACM SIGAI
Student membership	: ACM SIGAI, NCC
Number of labs	: 06
Number of classrooms	: 02

Common facilities	: Seminar Hall-04 & Auditorium - 01
Publication	: "Tejas" Departmental Magazine ACM SIGAI Newsletter

Department Vision

"To become a department of international relevance in the field of Artificial Intelligence and Machine learning"

Programme Educational Objectives

- PEO1. To attain good technical Knowledge and competency in conception, design, and implementation of engineering systems with a strong commitment to lifelong learning.
- PEO2. To attain engineering and managerial decision-making capability that are of high ethical and professional standards.
- PEO3. To develop leadership qualities for engaging diverse teams through effective communication, strong interpersonal and project management skills to establish themselves as professional engineers in the international arena.

Department Mission

To nurture students with sound engineering knowledge in the field of AIML through effective use of modern tools with a focus on imbibing professionalism, leadership qualities, ethical attitude, lifelong learning and social sensitivity.

Program Specific Outcomes

- PSO1. Ability to contribute to problem identification, analysis, design, and development ofsystems using principles and concepts of Artificial Intelligence and Machine Learning.
- PSO2. Ability to apply the concepts, principles and practices of Artificial Intelligence andMachine Learning and critically evaluate the results with proper arguments, selection of toolsand techniques when subjected to loosely defined scenarios .
- PSO3. Ability to pre-process data sets to extract insights by applying various data pre-processing techniques
- PSO4. Ability to use Artificial Intelligence and Machine Learning models on data for enablingbetter decision making.

Student Oriented Best Practices

Syllabus enrichment programs.

Teaching Learning activities through various pedagogies.

Holistic students' development activities

PSR activities under Super AI Community Stakeholder Connect

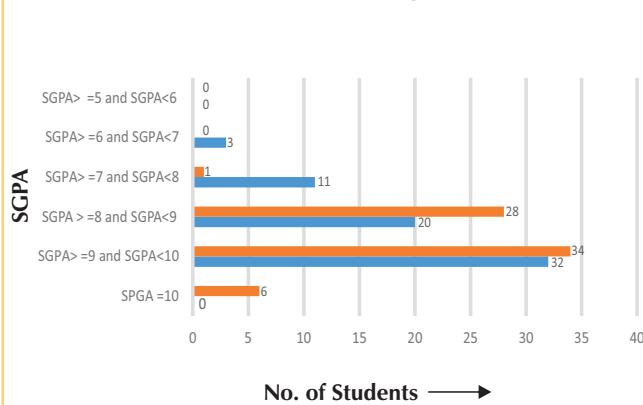
Professional body ACM SIGAI for conducting National-level competitions.

Infrastructure



Statistics

Over All Result Analysis

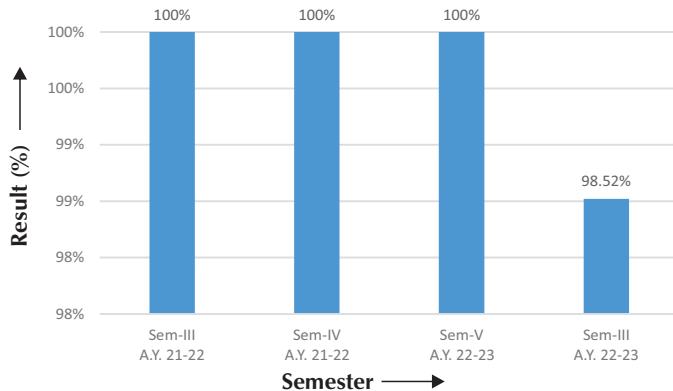


Result analysis of Semester (III, V, VII) - A.Y. 2022-23

Year (Dec-2022)	Appeared		Passed		Passing %		No. of Students					
	M	F	M	F	After Suppl.	Before Suppl.	SPGA = 10	SGPA > =9 and SGPA < 10	SGPA > =8 and SGPA < 9	SGPA > =7 and SGPA < 8	SGPA > =6 and SGPA < 7	SGPA > =5 and SGPA < 6
ST AI&ML	53	15	52	15	98.53	97.06	1	32	20	11	3	0
TT AI&ML	59	10	59	10	100	97.10	6	34	28	1	0	0
BT AI&ML	-	-	-	-	-	-	-	-	-	-	-	-

Note: First batch of AI&ML is in third year (TT)

Last Two Years Passing % Results



Note: For A.Y. 2022-23 even semester results awaiting.

Students Achievement

- 1 student of TT AI&ML offered internship cum full time Job with GBP 37000 per annum by J P Morgan Chase Bournemouth, London
- 1 group secured 1st position at the National Level Hackathon organized by IGDTUW
- 1 group secured 1st position at the HackAtSits Hackathon, SITS Pune
- 2 students of TT AI&ML were short listed as ICPC Regionalist
- 1 student of TT AI&ML secured 1701 world ranking in Google Code Jam

Activities



Department of Artificial Intelligence & Machine Learning

FACULTY LIST (A.Y. 2023-24)

Sr. No.	Name of Faculty Members & Date of Joining (DOJ)	Designation	Qualification	TCET Experience	Total Experience
1	Dr.Megharani Patil (DOJ:14.02.06)	I/c. HOD (AI&ML); Associate Professor	Ph.D.(Engineering); M.Tech. (Comp. Sci. & Tech.); B.E.(Computer Engg.)	17 years 05 months	19 years 06 months
2	Ms. Jagruti Jadhav (DOJ: 28.02.22)	I/c. Deputy HOD (AI&ML); Assistant Professor	M.Tech.(Information Technology) B.E.(Computer Engg.);	1 year 3 months	12 years 2 months
3	Dr. Shanti Swamy (DOJ: 28.03.23)	Professor	Ph.D.(Engineering); M.Tech. (Communication Engg); B.E.(Electronics Engg.)	3 months	26 years 2 months
4	Ms. Vaishali Salvi (DOJ: 15.02.22)	Assistant Professor	M.E.(Information Tech.) B.E.(Information Tech.);	1 year 4 months	9 years 4 months
5	Ms. Shilpa Mathur (DOJ: 28.02.22)	Assistant Professor	M.E.(Software Engg) B.E.(Information Tech.);	1 year 3 months	10 years
6	Mrs.Rupinder Kaur (DOJ: 22.06.22)	Assistant Professor	M.Tech.(Electronics & comm. Engg.); B.Tech. (Electronics & Comm. Engg.)	11 months	11 years 11 months
7	Ms. Sampada Bhone (DOJ: 25.08.22)	Assistant Professor	M.E.(Computer Engg) B.E.(Computer Science & Engg.)	9 months	10 years 5 months
8	Mr. Anand Maha (DOJ: 13.09.22)	Assistant Professor	M.E.(Computer Engg) B.E.(Computer Engg.);	9 months	7 years 9 months
9	Ms. Snehal Mahajan (DOJ: 13.01.23)	Assistant Professor	M.E.(Information Tech.) B.E.(Information Tech.);	5 months	2 years 5 months

Maximum Experience at TCET	:	17 years 05 months
Minimum Experience at TCET	:	3 months
MEAN Experience at TCET	:	2 years 2 months
MEDIAN Experience at TCET	:	11 months

Maximum Experience	:	26 years 2 months
Minimum Experience	:	2 years 05 months
MEAN Experience	:	11 years 08 months
MEDIAN Experience	:	10 years 05 months

DEPARTMENT OF INTERNET OF THINGS

Highlights



Dr. Sujata Alegavi
I/c - Head of Department
B.Tech (IoT)

Establishment*	: AY 2020-2021
Program offered	: B.Tech Internet of Things
Faculty strength	: 05
No. of Ph.D.	: 01
Department Library	: 27 Books
Professional chapter	: IETE
Student membership	: ISTE, IETE, NCC
Number of labs	: 03
Number of classrooms	: 02

Common facilities	: Seminar Hall-03, Multipurpose room, Digital Library
Publication	: "THINGTECH" Department's E-Magazine, Course Resource book

Department Vision

"To become the department of eminence in the emerging technology area and create technologist for providing solutions to 21st century problem"

Department Mission

The department of B.Tech (IOT) is committed to inspire and create technologist with analytical, data centric and creative mindset having leadership qualities and ethical attitude, who can offer transparent and inclusive solution for the development of society and achievement of national goals with innovative technologies and smarter services.

Programme Educational Objectives

- PEO1. Provide students with a strong foundation in the mathematical, scientific and Internet of Things Engineering fundamentals necessary to formulate, solve and analyze engineering problems at hand and to prepare them for graduate studies.
- PEO2. Prepare students to demonstrate ability to design electronics systems and Internet of Things based framework to conduct experiments, analyze, interpret, and synthesize data for developing technical concepts from applications to product design.
- PEO3. Prepare students to work as a team on multidisciplinary projects and to promote awareness among students for life-long learning along with professional ethics for successful career in industry to meet the needs of Indian and multi-national companies.

Program Specific Outcomes

- PSO1. The ability to develop problem solving skills through programming techniques for addressing real life problems using appropriate principles and concepts of Internet of Things.
- PSO2. Develop the understanding of various IOT application development tools and its implementation for IOT applications.
- PSO3. Nurture lifelong learning and enhance research skills for satisfying global requirements.

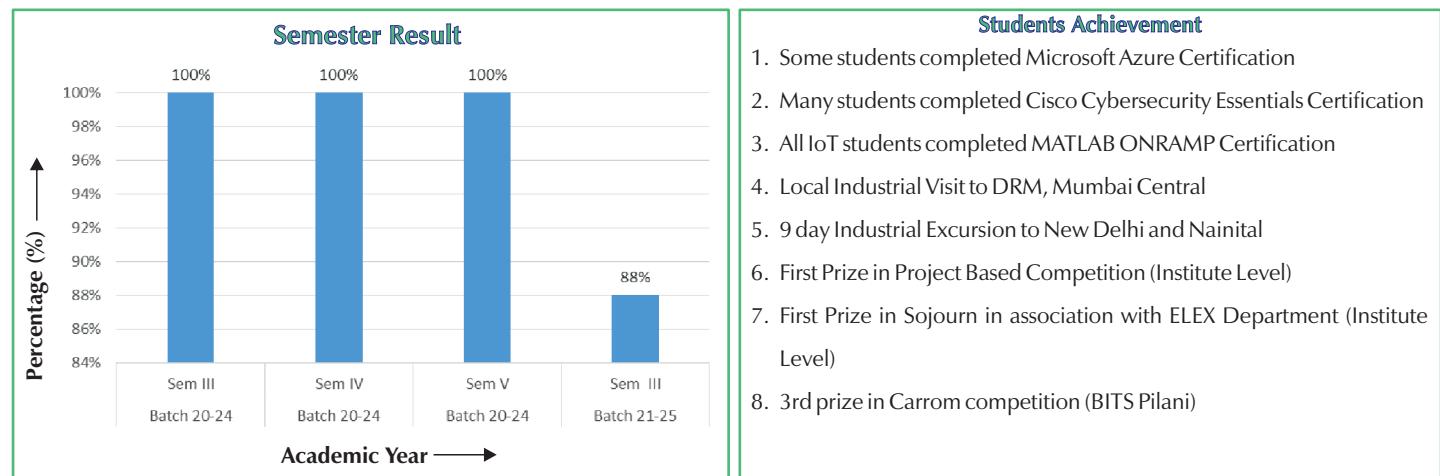
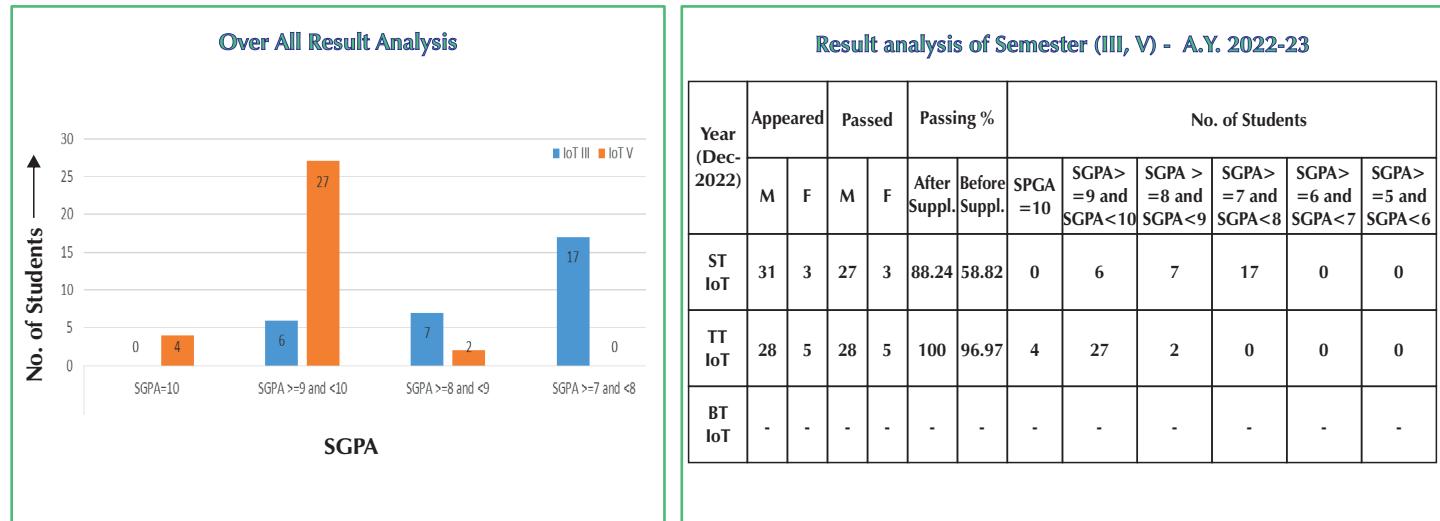
Student Oriented Best Practices



Infrastructure



Statistics



Activities



Department of Internet of Things (IoT)

FACULTY LIST (A.Y. 2023-24)

Sr. No.	Name of Faculty Members & Date of Joining (DOJ)	Designation	Qualification	TCET Experience	Total Experience
1	Dr.Sujata Alegavi (DOJ:27.11.07)	I/c. HOD (IoT); Associate Professor	Ph.D.-(Engineering);M.E.(Electronics & Telecomm. Engg.); B.E.(Electronics & Telecomm.Engg.); PGDBA(Finance)	15 years 6 months	16 years
2	Mr. Sunil Khatri (DOJ-01.07.17)	I/c. Dy. HOD(IoT); Assistant Professor	Pursuing PhD (Technology) E&TC	6 years	7 years
3	Ms. Ketki Balde (DOJ: 03.01.22)	Assistant Professor	M.E.(Information Tech.) B.E.(Information Tech.);	1 year 5 months	14 years 5 months
4	Ms. Divya Khushwah (DOJ: 27.01.22)	Assistant Professor	M.Tech (Computer Engineering)	1 year 5 months	5 years
5	Mrs. Pratibha Sajwan (DOJ: 18.04.22)	Assistant Professor	M.Tech.(Digital Communication) B.E.(ECE Engg.);	1 year 2 months	7 years 2 months
6	Ms. Sony Jha (DOJ: 01.07.22)	Assistant Professor	M.E.(Electronics & Telecomm. Engg.); B.E.(Electronics & Comm. Engg.)	11 months	3 years 11 months

Maximum Experience at TCET : 15 years 06 months
 Minimum Experience at TCET : 11 months
 MEAN Experience at TCET : 4 years 4 months
 MEDIAN Experience at TCET : 1 years 05 months

Maximum Experience : 16 years
 Minimum Experience : 3 years 11 months
 MEAN Experience : 08 years 06 months
 MEDIAN Experience : 06 years 07 months



Dr. Manoj Chavan
Head of Department

Establishment*	: AY 2020-2021	Professional Chapter	: CSI, Society for Data Science (S4DS)
Program offered	: 3 years, Bachelor of Vocation	Student membership	: CSI, S4DS, IEEE, ACM, NCC
Course offered	: 1. Artificial Intelligence and Data Science 2. Software Development 3. Animation and Graphic Design	Number of Labs	: 03
Faculty Strength	: Faculty are trainer 40% from Institute 60% from Industry	Classroom Common facilities	: 05 Seminar Hall, Library, Canteen, Reading Room, Computer Centre, Digital Laboratory, Language Laboratory
No. of Ph.D	: 03	Publication	: "PRAGYAAN" Department's E-Magazine
Department Library	: More than 2000 books		

Department Vision

Department of eminence for skill training at par with National and International Standards

Programme Educational Objectives

- PEO1. To develop the students with KSA ready to deploy in industry preferably in IT sector with an edge for emerging technologies
- PEO2. To ensure all students should have a multiple level of certification for their skills to get contemporary position in industry
- PEO3. To enable the students for life -long learning and skill upgradation for competitive edge in industry

Department members should work as a team to provide the infrastructure, training platform and networking with industry to produce industry trained ready to deploy professionals.

Program Specific Outcomes

- PSO1. Student will be able to develop Industry oriented Knowledge, Skill and Attribute (KSA) in alignment with industry required attitude, competency and mindset (ACM)
- PSO2. Student will be able to acquire skill as per the industry profile specific to industry practices viz. data analyzer, data scientist, software developer, graphic designer etc.
- PSO3. Student will be able to acquire the practicing skills needed for global career may be through higher studies and demand

Student Oriented Best Practices

Training based education with batch of 30 students

Curriculum and courses aligned with NASSCOM and NSQF needed for competitive edge in IT sector

Curriculum integrated with Industry Qualification Pack from NASSCOM qualified for software industry in the domain of emerging technology

Education in Hybrid Mode with lots of flexibility and agility

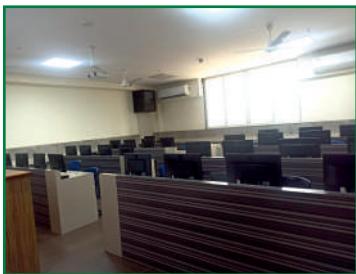
Platform for co/extra-curricular activities for Holistic Development

Adequate training and mock conduct for Industry certification

Infrastructure



Lab 308



Lab 715



Classroom 723



Lab 309

Statistics

B.Voc First Year AI&DS Result Odd Semester 2021-22

Year (Dec- 2022)	Appeared		Passed		Passing %		No. of Students						
	M	F	M	F	M	F	SPGA = 10	SGPA > =9 and SGPA < 10	SGPA > =8 and SGPA < 9	SGPA > =7 and SGPA < 8	SGPA > =6 and SGPA < 7	SGPA > =5 and SGPA < 6	
FE AI&DS	13	5	10	4	77.78		0	0	9	2	2	1	

B.Voc First Year AI&DS Result July 2022

Year (Dec- 2022)	Appeared		Passed		Passing %		No. of Students						
	M	F	M	F	M	F	SPGA = 10	SGPA > =9 and SGPA < 10	SGPA > =8 and SGPA < 9	SGPA > =7 and SGPA < 8	SGPA > =6 and SGPA < 7	SGPA > =5 and SGPA < 6	
FE AI&DS	11	4	10	4	93.33		0	8	1	3	1	1	

B.Voc Second Year AI&DS Result Odd Semester December 2022

Year (Dec- 2022)	Appeared		Passed		Passing %		No. of Students						
	M	F	M	F	M	F	SPGA = 10	SGPA > =9 and SGPA < 10	SGPA > =8 and SGPA < 9	SGPA > =7 and SGPA < 8	SGPA > =6 and SGPA < 7	SGPA > =5 and SGPA < 6	
FE AI&DS	9	4	8	4	92.31		6	4	1	0	1	0	

B.Voc Second Year AI&DS Result Odd Semester February 2023

Year (Dec- 2022)	Appeared		Passed		Passing %		No. of Students						
	M	F	M	F	M	F	SPGA = 10	SGPA > =9 and SGPA < 10	SGPA > =8 and SGPA < 9	SGPA > =7 and SGPA < 8	SGPA > =6 and SGPA < 7	SGPA > =5 and SGPA < 6	
FE AI&DS	20	10	15	10	83.33		1	11	14	0	0	0	

First Year Result of Software Development February 2023

Year (Dec- 2022)	Appeared		Passed		Passing %		No. of Students						
	M	F	M	F	M	F	SPGA = 10	SGPA > =9 and SGPA < 10	SGPA > =8 and SGPA < 9	SGPA > =7 and SGPA < 8	SGPA > =6 and SGPA < 7	SGPA > =5 and SGPA < 6	
FE AI&DS	16	4	14	4	90.00		0	7	11	0	0	0	

Department Achievements:

1. Results are consistently more than 75%
2. Successfully roll out two batches of B.Voc as per guidelines of AICTE
3. Signed MOU with NASSCOM for certification for Industry Qualification Pack

Students Achievement

1. Cdt. Jaipal Singh Rajpurohit was selected for Pre- RDC-2022 Camp at 6 Maharashtra Battalion
2. Cdt. Jaipal Singh Rajpurohit was selected for TSC (Thal Sainik Camp- 2023) 3 Maharashtra battalion
3. 5 students of second year got paid internship with stipend in the range of 3000 to 5000 per month
4. 47 students successfully completed global Microsoft EXCEL Certification
5. 50 students of B.Voc are selected for PMKVY Media Content Developer Qualification Pack
6. 10 students had completed AI&ML certification of AI-900 on Microsoft Azure platform

Activities





Dr. Lochan Jolly
HOD PG Program

The P. G. department is committed to providing the students not only quality education, training , and research opportunities, but also an enriching experience that lasts for lifetime. Department is headed by Dr. Lochan Jolly. The M.E. (E&TC) Course is a two-year fulltime programme. Major subjects covered in the first year under the course includes: Advanced Communication and Networks, Optical Networks, Research Methodology& IPR, Antennas, and Radiating Systems, Advanced Digital Signal Processing , Wireless Sensor Networks, Cognitive Radio, Statistical Information Processing The second year is fully devoted for project work, along with special topic seminar. The P.G. Department has experienced faculty members who are helping and inspiring students to excel in studies and research activities. The course has strong potential for students who wish to join the communication sector and is also one of the primary requirements for getting into academics. All post-graduate students on successful completion of the programme join teaching professions as Assistant Professor, R&D organisations as Scientist or higher studies mostly Ph.D. (Technology) and some are also joining corporate.



M.E. E&TC

Best Practices

- ❖ Conduction of Foundation Program before the start of academic year
- ❖ Student-Centric learning environment
- ❖ Timely completion of course/ dissertation
- ❖ Offering most of the elective subjects for domain specialization and to encourage research activity
- ❖ Active participation of the faculty and students in various activities.
- ❖ Collaborative Research Projects with industry and R&D organization
- ❖ Most of the students get first class / Distinction

Key Facilities

- ❖ Stipend for GATE qualified students by AICTE
- ❖ Teaching assistantship for deserving & needy students
- ❖ Placement Assistance for deserving eligible students
- ❖ Remote learning facility in association with IIT-Bombay
- ❖ Earn while Learn Scheme
- ❖ Well equipped laboratories.
- ❖ Well stacked Library and e-resources
- ❖ Engineering Colloquium for post graduate students and doctoral scholars
- ❖ Ph. D. Research Centre (EXTC) of University of Mumbai
- ❖ Innovation Centre of Excellence by Accenture

Topper's List

Name of the Student	% /SGPA	Year
Khan Afreenbano Farid	9.75/10 SGPA	May 2021
Gaurang Sanjiv Pandit	9.84/10 SGPA	May 2020
Kavita Thakur	8.81/10 SGPA	May 2019
Ms. Arti Dharmani	8.81/10 SGPA	May 2018
Mr. Manish Wadekar	8.57/10 SGPA	May 2017
Mr. Soparkar Shafaque N.	9.59/10 SGPA	May 2016
Ms.Kshirsagar Shruti R.	8.55/10 SGPA	May 2015
Ms. Reddy Vimala S	9.45/10 SGPA	May 2014
Mr. Preetam B. Jain	7.64/10 SGPA	May 2013
Mr. Rahul S. Yadav	70%	May 2012



Dr. Sheetal Rathi

HOD PG Program

Learning can never cease- especially not for Engineers. The digital era has become omnipresent in all aspects of life. As the role of computers and other technologies is thriving exponentially, the need for efficient and competent computer engineers increases too, and there is more and more demand with domain expertise. The vision of Post graduation department is "To become the premier center for post graduate studies with focus on research in Engineering & Technology". The Post Graduate Department was established in 2011 with an approved intake of 18 by AICTE and is affiliated to University of Mumbai. The P G department is headed by Dr. Sheetal Rathi, Professor (Computer Engineering).

With a programme structure that is based on Choice Based Credit & Grading System, it has a duration of two years. Looking at the increasing demand in the area of Artificial Intelligence, the PG Program is renamed as Post Graduation in Artificial Intelligence and Data science from A.Y 2022-2023. There is a mix of core, advanced and research based subjects to have flavours of overall holistic education with special focus on implementation of real life projects.

The strong pillars of PG department are its well-experienced approved faculty who are versatile and research oriented as well as its enthusiastic students who are facilitated by state of art infrastructure and equipped Research laboratories.

Cast your mind back just one year and the world looks comparatively strange compared to the technological, scientific, medical and commercial changes and innovations we enjoy today. Right from BMW's i3 electric car, personal drones, Google Glass and the Apple watch to genomic-based cancer testing, bionic eyes, genetic engineering and the vast potential of 3D printing, IoT, the force behind many of the world's greatest advances is often a team of engineers. Thus the PG programme is aimed at preparing specialized engineers who can increase efficiency or create a better product through a creative, innovative solution and find themselves in high demand across a wide range of sectors.



M.E. COMP

Best Practises

- ❖ Effective Teaching Learning process by maintaining the rigor of theory with additional inputs beyond the syllabus
- ❖ Proactive engagement of faculty and students in designing of lab assignments to relate it with respective theory
- ❖ Promotion of research based projects by the active participation of faculty and students in various National and International conferences, workshops, seminars and symposia.
- ❖ Motivation for quality industry standard projects to make students globally employable
- ❖ Expert guidance on technical paper writing and research methodology through engineering colloquium
- ❖ Conduction of domain specific seminars on reputed journals/conferences and other research papers
- ❖ Completion of PG course in two years.

Key Facilities

- ❖ Well equipped state of art laboratories for teaching and research.
- ❖ Full stacked library with sufficient textbooks and reference books.
- ❖ Access to National & International Journals.
- ❖ Convenient timings and regular follow up of work done by scholars.

Topper's List

Name of the Student	% /SGPA	Year
Mundhra Sudhir	9 SGPA	May 2022
Gharat Bhavika Milind	10 SGPA	May 2021
Amrat Mali	10 SGPA	May 2020
Ms. Priyanka Bolinjkar	9.38/10 SGPA	May 2019
Ms. Prajakta Samant	9.25/10 SGPA	May 2018
Mr. Amit Tiwari	8.45/10 SGPA	May 2017
Ms. Pandey Priyanka HG	8.91/10 SGPA	May 2016
Ms. Kavita Akhilesh	9.95/10 SGPA	May 2015
Ms Pamli B. Basak	9.27/10 SGPA	May 2014
Ms Sonal S. Save	9.27/10 SGPA	May 2014
Ms. T. G. Lakshmi	9.82/10 SGPA	May 2013
Ms. Jesalkumari Joshi	76.67%	May 2012



Dr. Kamal Shah
HOD PG Program

The Department conducts the Master of Engineering programme in Information Technology with an intake of 18 students approved by AICTE and affiliated to University of Mumbai. The department was established in the year 2011. The department caters to engineers seeking advanced technical or management foundation or research capabilities with an Industrial perspective in the field of Information Technology. The Department has to its credit top rankers in the University of Mumbai for the last several years. We want to equip students for the future. The 3 Cs which will be the most sought-after qualities for every employer will be Creativity, Critical thinking and Common sense. The world is going to face problems that have never been experienced before global warming, Climate change, population growth this may need engineers to apply knowledge gained across multiple disciplines. The solutions to tackle these problems may need researchers to work on thematic lines cutting across various disciplines. The information about any topic is accessible instantly to anyone due to the proliferation of the internet and therefore tomorrow's engineers will need to have extensive problem-solving skills to tackle the situation rather than having information. The employment environment is very fluid the engineers will need to have a much broader perspective about various domains with students expected to learn and solve problems on the job.

Radical rethinking and changes in the existing curriculum are being done, to face new challenges which are cropping up. The faculty structure is loosely structured so that the concept of siloed departments becomes history and the concept of interdisciplinary team teaching becomes the norm.



M.E. IT

In the past, the idea was to become a specialist as one had the security of a job for life. Tomorrow's scenario will require re-skilling in less than a decade to adjust to changes that are happening very rapidly.

The programme structure is based on Choice Based Semester and Grading System having a duration of two years. The choice based grading system offers ample flexibility to learners while selecting optional courses at the Department & Institute level. The syllabus has peer reviewed IoT experts from industries and in sync with current & future trends in I.T. Teaching Assistantship and Research Assistantship are offered to students to meet the cost of their studies, other benefits include career advising, placement assistance, access to alumni network industry connections and guidance for doctoral studies.

Best Practices

- ❖ Active participation of faculty and students in various National and International conferences, workshops, seminars and symposia
- ❖ Expert guidance on technical paper writing and research methodology
- ❖ Conduction of domain specific seminars
- ❖ Implementation of mini projects
- ❖ Convenient timings and timely completion of course

Key Facilities

- ❖ Dedicated P.G. Laboratory with broadband Internet facility
- ❖ More than 411 M.E. text books and reference books available in the library
- ❖ 5 National journals & 6 International Journals of reputed E-databases such as IEEE, Springer, Elsevier - Science direct, JGATE, ASTM Digital Library, McGraw Hill - Access Engineering Library etc.

Topper's List

Name of the Student	% /SGPA	Year
Nidhi Jha	10/10	May 2022
Rajpurohit Suresh Singh	10/10	May 2021
Kiran Krushnakant Mungekar	9.78/10	May 2020
Agrawal Avani Shivprakash Sumita	8.29/10	May 2019
Ms. Rina Ajay Yadav	8.29/10	May 2018
Mr. Ruth Baptista	8.00/10	May 2017
Ms. Tulapurkar Harshula H.U.	8.55/10	May 2016
Mr Kaloya Rakesh M.	9.27/10	May 2015
Ms. Shraddha S. More	8.91/10	May 2014
Mr. Jay L. Borade	8.91/10	May 2013
Ms. Neha J. Jain	73.20	May 2012

Ph.D. Department Profile

ABOUT Ph.D. RESEARCH CENTRE



Dr. R. R. Sedamkar

Professor
Ph.D. - HOD
Director IQAC - NAAC

Research plays a vital role in the success of any institution. Fundamental research in the field of engineering is a national challenge. Quality research in technology areas is the need of the hour for sustainable growth. Thakur College of Engineering and Technology (TCET) since its establishment, had a culture of nurturing research abilities at the undergraduate and postgraduate levels. Looking into the need for research leading to Ph.D., TCET has started the Ph.D. (Technology) Research Centre of University of Mumbai in the year 2014. It started research programs leading to the Ph.D. (Technology) Degree in Electronics & Telecommunication Engineering, Computer Engineering & IT with intake of 10 seats in each branch which involve course work and other requirements as per UGC/university rules/guidelines. In order to provide a strong platform to the researchers, academicians and scholars, TCET regularly organizes various national and international conferences, seminars, workshops and colloquiums. These initiatives enable the stakeholders to contribute to the existing body of knowledge. The University of Mumbai has approved additional Intake of Ph.D. courses and the present intake from A.Y. 2022-23 is now - E&TC - 20, COMP - 20 and IT - 20. Also we are awaiting the University approval for starting Ph.D. program in the branch of Civil and Mechanical Engineering with an intake of 10 seats each from A.Y. 2023-24.

List of Ph.D. Guides

Sr. No.	Branch	Name	Designation
1	E&TC	Dr. B. K. Mishra	Professor; Principal
2	E&TC	Dr. R. R. Sedamkar	Professor; Director IQAC - NAAC
3	E&TC	Dr. Lochan Jolly	Professor; Dean (Student & Staff Welfare)
4	E&TC	Dr. Vinitkumar Dongre	Professor and Dean R&D
5	E&TC	Dr. Sandhya Save	Professor
6	E&TC	Dr. Rajesh Bansode	Professor & MR
7	COMP	Dr. R. R. Sedamkar	Professor; Director IQAC - NAAC
8	COMP	Dr. Sheetal Rathi	Dean (Academic), Professor, HOD (PG-COMP)
9	IT	Dr. B. K. Mishra	Professor; Principal
10	IT	Dr. Kamal Shah	Vice-Principal, Professor, HOD (PG-IT)
11	IT	Dr. Rajesh Bansode	Professor & MR
12	COMP	Dr. Zahir Aalam	Professor & TPO
13	IT	Dr. Sangeeta Vhatkar	Associate Professor, I/C HOD (IT)

Key Facilities & Best Practises

- ❖ Conduction of Foundation Program before the start of academic year
- ❖ Regular conduct of lectures and practical work
- ❖ Timely completion of course and thesis
- ❖ Offering courses for domain specialization and research
- ❖ Active participation of the faculty and students in various National and International Conferences, Workshops, Seminars and Symposia
- ❖ Research Projects in collaboration with industry and research organization
- ❖ Teaching assistantship for deserving & needy students
- ❖ Well equipped laboratories.
- ❖ Well stacked Library with e-resources and on-line subscriptions

**List Of Students of Ph.D.(Technology) In Electronics & Telecommunication Engineering
For Batch 2017-18 to 2022-23**

Roll No.	Name of Candidate	Subject Specialization
Ph.D./E&TC/18/01	Aradhana Ashok Manekar	Signal Processing
Ph.D./EXTC/21/01	Neha Nischalkumar Gharat	Network Security IoT
Ph.D./EXTC/21/02	Harsha Harishchandra Sanap	Molecular Communication
Ph.D./EXTC/21/03	Zarrarahmed Khan	Wireless Communication & Security
Ph.D./EXTC/21/04	Vijaykumar Pandurand Salan Yele	Image Processing
Ph.D./EXTC/21/05	Niket Amoda	Secure IoT Remote Applications
Ph.D./EXTC/21/06	Ashwini Katkar	Molecular Communication
Ph.D./EXTC/21/07	Sagar Vijay Mhatre	Hardware Accelerator for Machine Learning Algorithm

List Of Students Of Ph.D. (Technology) In Computer Engineering For Batch 2017-18 to 2021-22

Roll No.	Name of Candidate	Subject Specialization
Ph.D./COMP/17/01	Mrs. Jesalkumari Sagar Varolia	Visual Cryptography
Ph.D./COMP/17/02	Ms. Ela Rajendra Gore	Predictive Analytics
Ph.D./COMP/17/03	Mr. Nitin Ravindra Harane	Business Process Analytics
Ph.D./COMP/17/04	Mr. Pandurang Ganpati Magdum	Text Summarization
Ph.D./COMP/17/05	Ms. Ravita Vishddhanand Mishra	Recommendation System
Ph.D./COMP/17/06	Ms. Neha Jain	Information Communication Technology
Ph.D./COMP/17/07	Ms. Surekha Ravindra Janrao	Data Base Technology
Ph.D./COMP/17/08	Ms. Shiwani Gupta	Medical Data Mining
Ph.D./COMP/17/09	Ms. Rajashree Tukaram Gadhav	Machine Learning & Ai
Ph.D./COMP/18/01	Ms. Vaishali Navanath Nirgude	Data Mining, Machine Learning / Deep Learning

List of Students of Ph.D. (Technology) in Information Technology For Batch 2017-18 to 2021-22

Roll No.	Name of Candidate	Subject Specialization
Ph.D./IT/17/01	Aruna Animish Pavate	Artificial Intelligence And Machine Learning
Ph.D./IT/17/02	Anita Jitendra Chaudhari	Security In Internet Of Things
Ph.D./IT/17/03	Sandip Anandrao Bankar	Blockchain
Ph.D./IT/17/04	Neeraj Kumari Khairwal	Blockchain
Ph.D./IT/17/05	Sunny Bhavan Sall	Wireless Communication
Ph.D./IT/17/06	Bhushan Kumar Nemade	Machine Learning
Ph.D./IT/17/07	Rohini Anant Patil	Machine Learning
Ph.D./IT/17/08	Ujwala Vishwajiet Gaikwad	Machine Learning
Ph.D./IT/18/01	Rahul Prakash Neve	Cryptography and Security
Ph.D./IT/21/01	Sainath Tukaram Patil	Cyber Security

IMPORTANT SECTIONS

Learning Resource Centre, Examination & Administration

LEARNING RESOURCE CENTER



Learning Resource Centre (Central Library) is located on the 4th floor of the College building with 840 Sq. m. built area. LRC is highly modular. Mr. Devidas Kalwale is the Librarian and looks after the development of the library. The library is running for 12 hrs (8:00 am to 8:00 pm) on office working days (Mon-Fri).

HIGHLIGHTS:

- ❖ Text Books - more than 31,482
- ❖ References book - more than 2500
- ❖ Book Bank Facility for students with more than 2630 books
- ❖ Magazines - more than 11
- ❖ Printed Journals - more than 123
- ❖ Added 95 new books in the A.Y. 2021-22
- ❖ Department Library with average 500 books and 500 project reports
- ❖ Organized 3 training programmes of e-resources for faculty members. Book Exhibition for students and faculty
- ❖ Organized 2 national conferences for Library professional

Examination

This is one of the core sections of the institute which is not only responsible for conducting the various examinations on the behalf of UoM but also conducts the internal examination as a part of continuous evaluation. The section has three dedicated non-teaching staff members and is supported by the examination committee assisting 12 faculty members. Dr. Sanjeev Choudhari is the section in charge. Major responsibilities include examination conduct, result preparation and declaration, academic record maintenance grievance redressal, etc.

Administration

It is mainly for general administration. At present, there is 30 dedicated full-time staff. Major responsibilities include admission, Scholarships liaising with AICTE, DTE, UoM, etc. purchase Front office, Back office, Accounts supporting students in arranging various co & extra-curricular activities (viz. cultural, sports, etc), liaison with university and other regulatory bodies, etc.

8 E-Journals Data bases:

- ❖ IEEE-All Society periodicals Package - 228 Journals
- ❖ McGraw Hill-Access Engg. Library - 817 e-books
- ❖ ASME-Mechanical Engineering 31 Journals
- ❖ Elsevier - Science Direct - 296 Journals
- ❖ ASCE-Civil Engg - 37 Journal new
- ❖ Springer Electrical, Electronics & CMPN-462 Journals
- ❖ Journal abstract 15743 & Full text journal 19518
- ❖ Knimbus Digital Library (E-Books 10000) Remotely Content Access + Mobile App

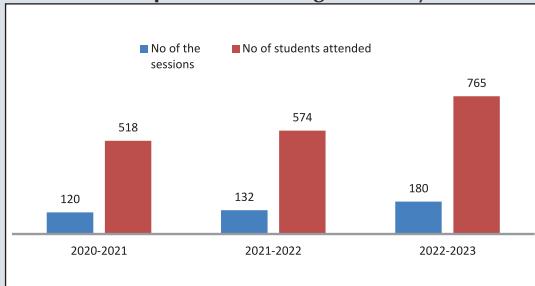
KEY FACILITIES:

- ❖ **Book stack section :** Capacity of 75,088 books
- ❖ **Reference Section :** Stacking capacity of around 2000 books, Seating arrangement (48) and
- ❖ **General reading room:** seating capacity 76
- ❖ **New reading room :** Seating capacity 148
- ❖ **Faculty reading room :** Seating capacity 23
- ❖ **Book processing & Circulation of books :** Processing for Newly Books Accession /Issue /return of books CDs /Tutorials
- ❖ **Audio Visual Room :** Seating capacity (20)
- ❖ **Digital Library :** 24 PCs and 157 Mbps INTERNET
- ❖ **Library Management :** Koha Software
- ❖ **Xerox Section :** Photocopy / Scan / Print facility

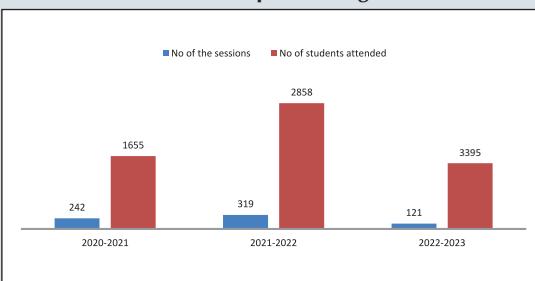
Training & Placement (T&P) Cell



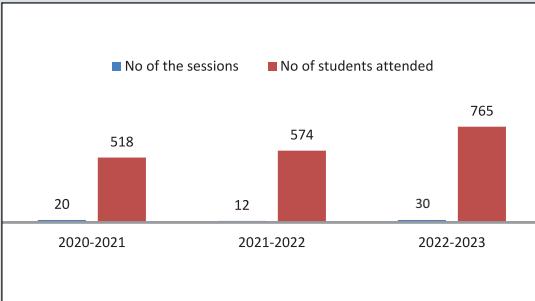
Campus Connect Program Infosys



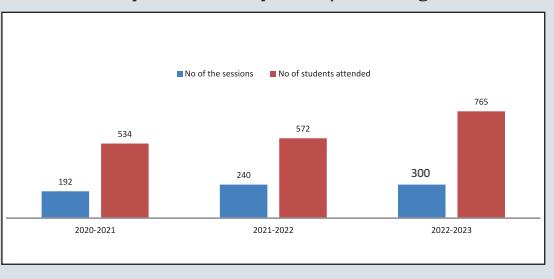
Student Development Programme



Career Development Training



Aptitude Competency Training



Training and Placement Cell (T&P Cell) is one of the key areas where the professional institutions need to work proactively to impart the necessary quality training, provide internships and outhouse projects followed by the placement of the student through the campus recruitment process.

Dr. Zahir Aalam (Professor-Training & Placement Officer) is the section in charge. Major responsibilities of Training and Placement Cell include conducting student development activities, liaising with industry, placing students for internship, outhouse projects, visiting industries and recruitment in industries, etc.

TRAINING

In the era of ICT, the institute realizes the radical changes in the employment pattern of fresh graduates. This is chiefly because of the following reasons:

- ❖ Industries desire fresh graduates to be productive from the very first day.
- ❖ Students look for campus placement in blue-chip companies particularly in the area of ICT/ITES and the core engineering sectors.

Therefore, students are required to train primarily in the following areas::

- ❖ Sound communication skills
- ❖ Strong domain knowledge
- ❖ Awareness of corporate work etiquette / ethics
- ❖ Familiarity with recent trends and challenges
- ❖ Awareness of shop floor work culture for core company

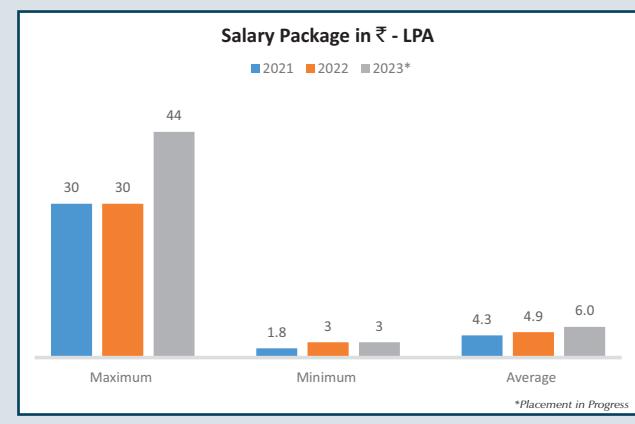
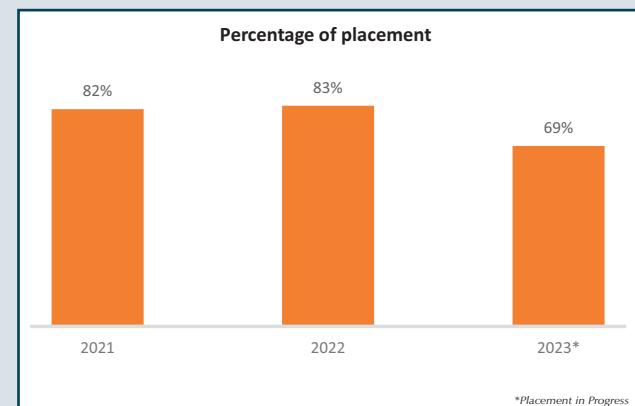
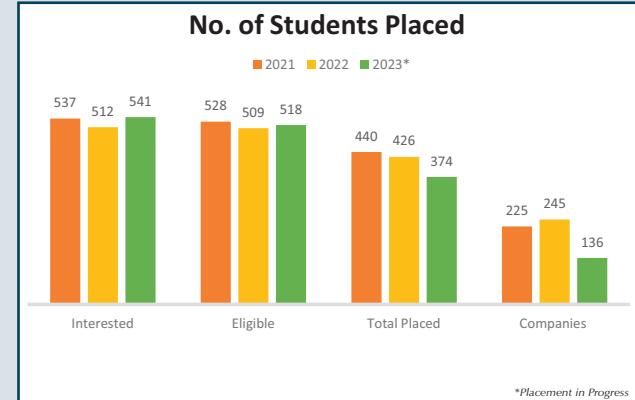
Training at the institute level is taken care by T&P Cell. It assists to the students through counselling and guidance for their successful career which is a crucial interface between the stages of completion of an academic programme of the students and their entry into the professional career. The following chart indicates students placed for internships, and outhouse projects.

IMPORTANT TRAINING ACTIVITIES

- ❖ **Student Development Programme (SDP):** It is a continuous activity carried out throughout the semester, where industry experts are invited to give a talk on technical & non-technical domains to ensure that students should get an awareness of industry expectations & work culture.
- ❖ **Seminar/workshop:** A large number of seminars/ workshops are arranged during the academic in each semester to update students with current needs and challenges in industry.
- ❖ **Career Development Training (CDT):** It is conducted for all interested students to develop their soft skills along with building GD & PI skills which will help them to prepare for placement.
- ❖ **Campus Connect Programme (CCP):** It is a two week dedicated programme, where students are trained in software engineering domains which will help them in cracking IT/ ITeS industry's technical tests and interviews.
- ❖ **Attitude Competency Training (ACT):** It is a two week dedicated programme to enhance aptitude skills of students such as logical, reasoning, quantitative, analytical and verbal skills. This also ensures to make students employable and face various challenges during campus placement & higher studies process.
- ❖ **Industrial Visit:** It is conducted for students as well as faculty members to make students familiarize with an industrial environment where they are likely to work as a professional after completing their course successfully.

PLACEMENT

TCET has an enviable record in placement of students. The institute has been accredited by major companies like Accenture, Amazon, Cognizant, Infosys, Seclore, Upgrade, TCS etc. At present more than 150 companies are visiting for campus recruitment every year and almost all eligible students are placed through campus. Special efforts are also taken to place the non-eligible students.



Major Recruiting Companies

- Accenture
- Adform India
- Ahdityaa Enterprises
- Amazon
- ARCON TechSolutions
- Blackcurrant Labs Pvt.Ltd.
- Burns & McDonnell India
- Capgemini
- Dark Horse Digital Solutions
- Decimal Point Analytics
- Deltecs Infotech Pvt.Ltd.
- DXC Technology
- Elenjical Solutions (Pvt) Ltd
- Falkonry Software Private Limited
- Godrej
- HERE Technologies
- Hexaview Technologies
- Hexaware Technologies
- IBM
- ICICI Lombard
- Infosys
- Jio Platforms
- JP Morgan Chase & Co
- Kotak Life Insurance
- Larsen & Toubro Infotech
- Media.Net
- Mahindra & Mahindra
- Mu Sigma
- Oracle
- Pepperfry
- PwC
- QAD
- Quantiphi
- Reliance Jio
- Seclore
- Tata Consultancy Services
- Toothsi
- Volkswagen
- Willis Towers Watson
- WisdmLabs
- Waree Energy
- Zucus
- many more...

Training & Placement (T&P) Cell

Internship

About Internship

An Internship is an opportunity to expose Interns (Students) to industry environment for adopting the industry Culture in all aspects during their education career for particular period. It reveals the students to the industrial environment, which creates competent professionals for the industry ready. An internship consists of Sharing services for experience between the interns and the Industry/Organization where students can learn the Industry required skills, applicability of the academic knowledge, Hands on experiences and Industry will get quality Interns amongst them. Training and Placement (T&P) Cell of TCET promotes the Internship for developing all Industry ready skills amongst the graduates. Internship need is identified by taking the inputs from Industry experts, HR as well as the alumni of the institute. All the guidelines for Internship are followed as per AICTE Internship Policy. After the autonomy of the institute, it is made mandatory for the students to complete the 480 to 600 hours of internship during their academic program and credits are awarded under Holistic Student Development (HSD) Program.

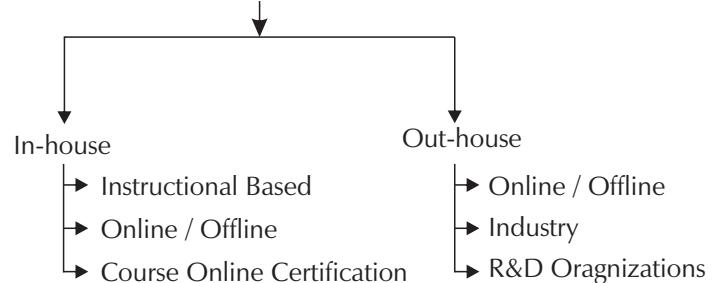
Highlights

- TCET has taken initiative in the year 2011-12 with 25 students.
- Total 51 students from 2023 Batch placed with Paid Internship.
- Total 60 students from 2024 Batch placed with Paid Internship.
- Students' can avail the Internship from their respective Department as well as by their own contact.
- Institute is providing Internship Transcript after 4 years successful Internship program.

Credit Details

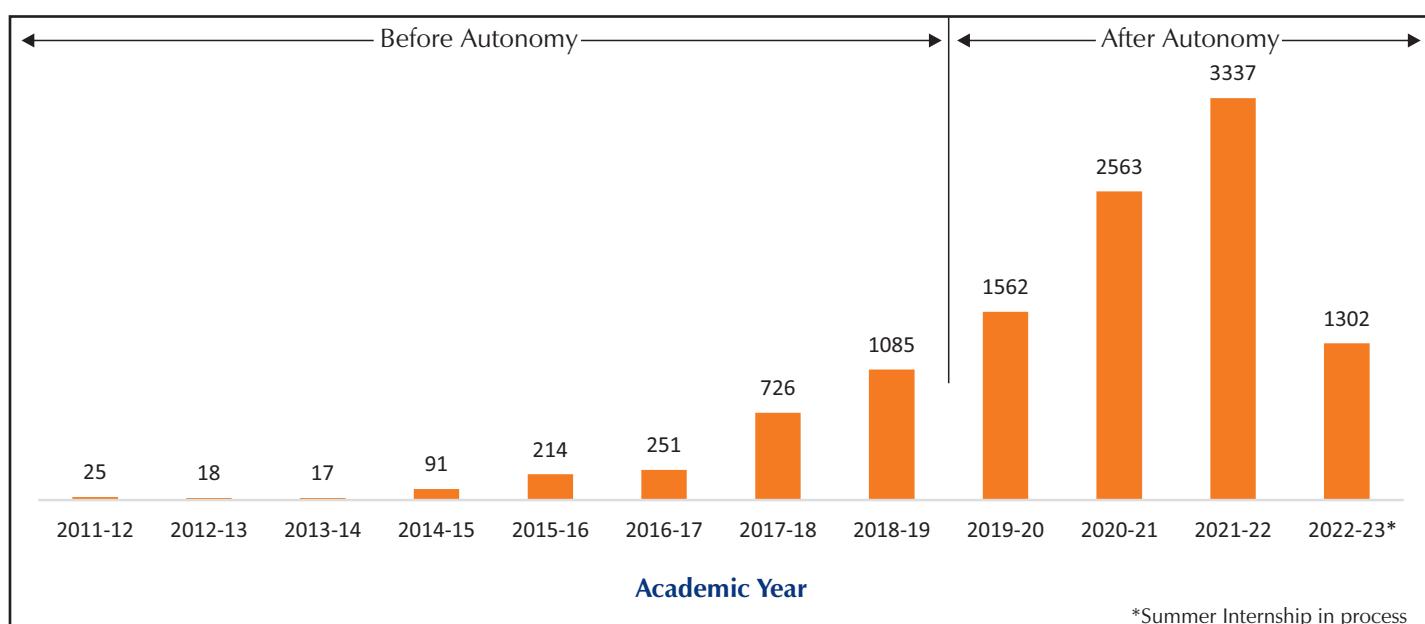
Year	No. of Hours	No of Credits	Type of Internship
First	120	3	In-House
Second	160	4	In-House
Third	160	4	Out-House
Final	160	4	Out-House
Total	600	15	---

Type of Internship



*Direct S.E. admitted students will have 480 hours of internship with 12 credits and internship starts from Second Year.

Internship Statistics



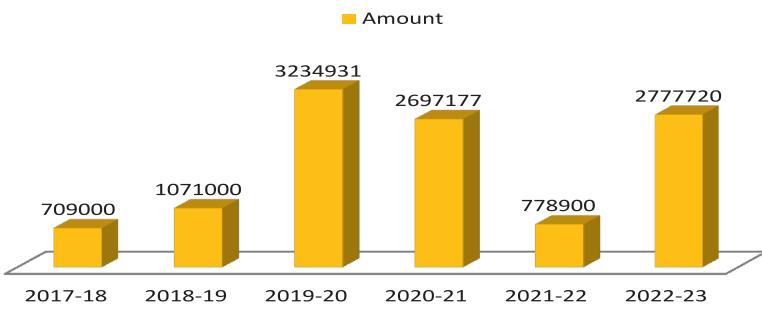
Research & Development (R&D) Cell

Thakur College of Engineering and Technology is committed to the holistic development of students. Research activities are carried out for strengthening the technical base of our graduates along with support for holistic education. After receiving Autonomy, institute has designed its scheme. Research Based Learning (RBL) has been given a unique platform in the form of four credits over two years. All the activities in this umbrella are designed with lots of thought processes which give cutting-edge advantage to our graduates. TCET has well understood the need of strengthening the research component and established an R&D cell in 2013. It is a platform where young minds can come up with their innovative ideas and the ecosystem of R&D cell helps that idea to grow and give fruitful outcomes.

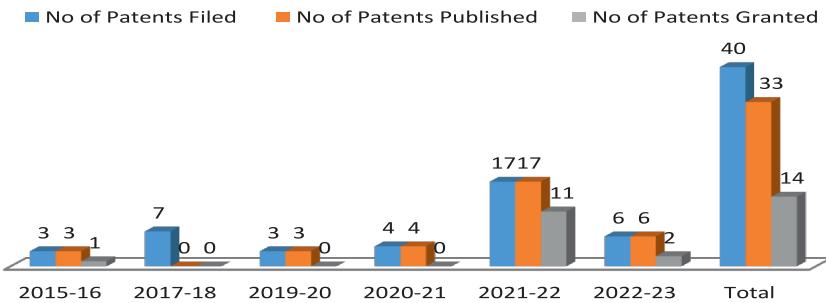
1. R&D Cell has well equipped Component Library. Students can issue components required to test their ideas. This particular initiative is fruitful to augment students' experimental skills with creative thinking. Every year students are encouraged to take part in various Hackathon, Ideathon organized by the Central government, AICTE, various MNCs and other industries. TCET students participate in Smart India Hackathon and receives Prizes at various levels.
2. Student Special Interest Group (SSIG) is a unique platform where students are selected from different branches of engineering and are encouraged for doing interdisciplinary projects. In A.Y. 2022-23 more than 200 students are working on different technologies. Institute provides the dedicated labs for each group with competing facility as mentor. TCET- student team is participating in European Hyperloop Week (EHW) 2023 which will be organizing in the month of July, at Edinburgh, Scotland.
3. Every Year students participates in Avishkar where they show case their innovation ideas. It is a state level programme conducted at 3 levels: Zone level, University Level and finally State Level. In 2023, under this competition, in the Maharashtra State Inter-University Research Convention organized at Savitribai Phule, Pune University two TCET Project groups (1-UG & 1-PPG) received Prize, Fellowship and Gold Medal.
4. Faculty and students are encouraged for creating the IPR and the publication of technical/research papers through various platforms, which helps them into life-long learning.
5. Our faculty members are recipients of various grants from AICTE, IEEE, DST Government of India. They are actively involved with Consultancy work of renowned industries, also providing the training to corporate industries and government sectors.



Sponsored Research



Patents



Higher Education, Online Courses & Certification Cell (HOC)



Northeastern University,
USA Delegate visit



World Education Fair' 2022 at Thakur College
of Engineering and Technology



San Jose State University,
USA Delegate visit

In this competitive and fast-paced world, planning and decision making play a very important role for students to choose the right career. Thus, TCET has established the Higher Education, Online Courses & Certification Cell (HOC Cell) to help the students to understand his/her final dream and sensibly make the right career decision. HOC section in charge and one coordinator from each of the core departments have been given the responsibility of managing this Cell.

The objective of the HOC Cell is to encourage students for higher qualifications such as pursuing the master level programs, graded online courses, and certification courses. It also provides a road map to the students, guiding them on important issues like: "where to apply, how to apply and who can apply" for various higher education/online course/ certification courses. As an outcome of this our students are admitted in most of the top ranked institutes from India and globe.

HIGHER EDUCATION PROGRAMME:

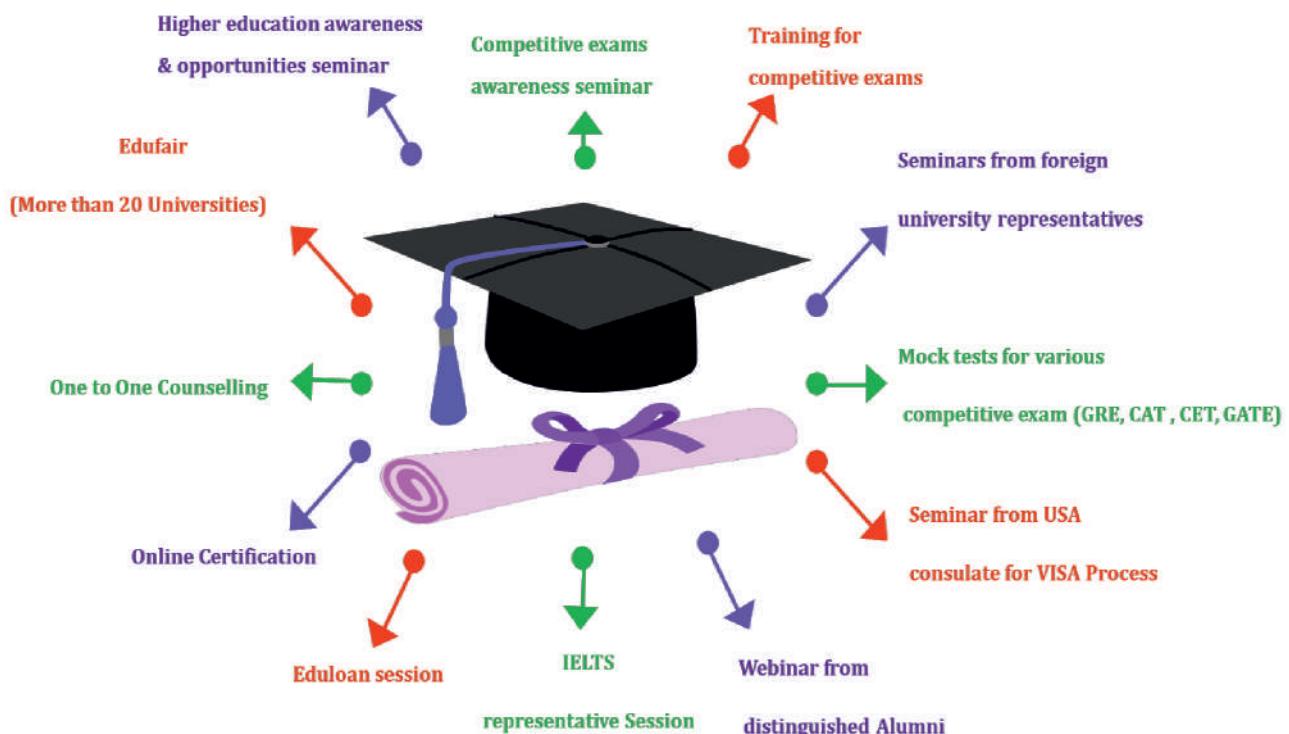
- ❖ To guide the students related to higher education opportunities in India and abroad for various Masters and Ph.D. Programs.
- ❖ To arrange **sessions/seminars/workshops** by various experts and professionals for informing and motivating students about higher studies, opportunities of higher education in various countries like USA, UK, CANADA, Germany, Ireland etc.
- ❖ Arrange **Interaction sessions** with students of top ranked overseas Universities at TCET campus like North Eastern University, the State University of New York, etc.
- ❖ To Guide students for **portfolio building, the application process, University/college selection, education loan process** etc.
- ❖ Organize Events like **World Education fair** with top ranked Universities of the world from the USA, Canada, Australia, etc.
- ❖ Provide **One to One Counseling** to students for selecting and finalizing higher study programs.
- ❖ To Provide Guidance and training to the students for various prerequisite **competitive exams** required for Higher Studies like **GATE, CAT, GRE, TOFEL, IELTS, A1 / A2** etc. through programs like IELTS training, GATE training etc.
- ❖ To help students to prepare a **statement of purpose (SOP)** and provide a letter of recommendations etc.
- ❖ Organize **Mock tests** of Competitive exams like GRE, IELTS, TOEFL, GATE, CAT etc

ONLINE COURSES GUIDANCE:

To prepare students for technical jobs, competitive exams and provide a platform for the constant learning and updating knowledge for the ever-changing environment and market, HOC cell motivates students for taking various free and paid online certification courses. To take various online courses TCET has collaborated with NPTEL and FOSS by establishing the TCET-NPTEL and TCET-FOSS local chapters. The NPTEL courses are SWAYAM courses too and TCET- NPTEL local chapter has been recognized as one of the most active local chapter by NPTEL. We have also provided more than 3000 free licenses of coursera online courses to students of TCET to complete various certifications courses on this platform. TCET- FOSS IITB local chapter mainly focuses on learning the free online open-source softwares.

CERTIFICATION PROGRAMME: To prepare students for a professional corporate career after successful completion of 4 years of graduation the HOC cell arranges various certification programs like OCPJP, GATE preparation courses, CAD, etc. and OCPJP, CCNA, PLC/SCADA, CAD, etc. and arranges training in the campus with the help of professional/ certified trainers. Some of the training programmes are also conducted by certified faculty members.

ACTIVIES OF HOC CELL

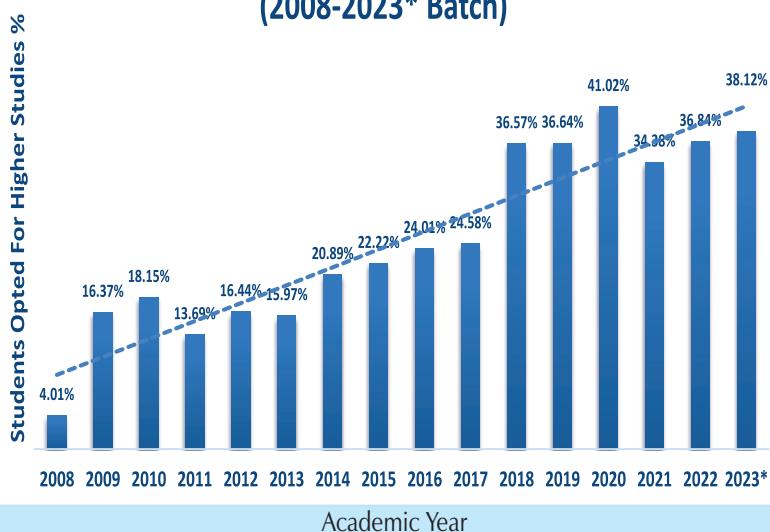


Competitive Exam Details (No. of Students)

Competitive Exam	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23*
GATE	21	15	31	31	21	18
GRE	180	167	147	149	102	82
TOEFL	117	92	77	78	70	48
IELTS	100	119	103	103	69	57
CAT/CET	10	8	8	8	1	5
A1/A2	7	10	8	8	3	2
DUOLINGO	0	0	3	3	5	1
2022-23* batch in process						

**Students opted for Higher Studies (Year wise)
(2008 - 2023* Batch)**

**Students opted for Higher Studies %
(2008-2023* Batch)**



TCET ALUMNI FOR HIGHER EDUCATION ACROSS THE GLOBE

COUNTRY	TOTAL (From Batch- 2016 to Batch- 2023*)
USA	609
INDIA	138
GERMANY	84
CANADA	71
AUSTRALIA	47
UK	59
IRELAND	24
FRANCE	5
NEW ZEALAND	3
POLAND	2
ITALY	3
NETHERLAND	1
NORWAY	1
SINGAPORE	1
SWEDEN	3
UAE	1

GLIPSES OF FOREIGN UNIVERSITY DELEGATES VISIT @ TCET



Visit of France Consulate



Education Fair '22 @ TCET



Visit of North Eastern University, USA

STUDENT INTERACTION WITH FOREIGN UNIVERSITIES



University of Illinois Urbana-Champaign,
USA



Rochester Institute of Technology,
USA



State University Of Newyork , USA



SRH University Heidelberg , GERMANY



Virginia Tech. University , USA



University of Wisconsin , USA



Arizona State University, USA



University of Texas Arlington, USA



University of North Texas, USA



Clemson University, USA



PACE University, USA



University of Massachusetts, USA

Glimpses of Various Events & Celebration

Independence Day 15th August 2022



Republic Day 26th January 2023

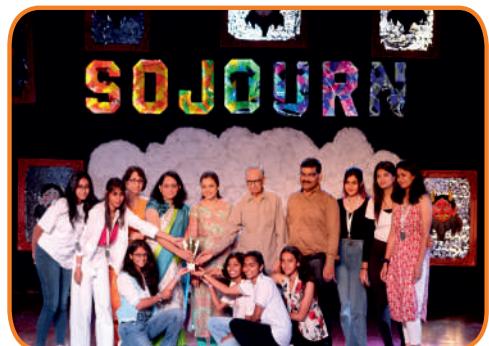


Industry-Institute Symposium 2023



Glimpses of Various Events & Celebration

Sojourn 2023

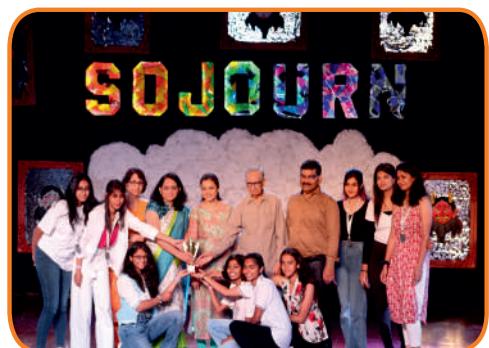


Multicon -W 2023



Glimpses of Various Events & Celebration

Sojourn 2023



Multicon -W 2023



Glimpses of Various Events & Celebration

DCDC- 2023



Gratitude Day



Glimpses of Various Events & Celebration

Mission Amrit Sarovar Jal Dharohar Sanrakshan Internship : Powai Lake



EK BHARAT SHRESHTHA BHARAT



STUDENTS' FORUM



TCET STUDENT DEVELOPMENT AND WELFARE ASSOCIATION

With a goal of providing a common platform to students for co-curricular and extra-curricular activities the Students' Council – TCET was formed in the academic year 2004-05 as per the guidelines of the Mumbai University. The Students' Council is the representative body of the students of the College. It is responsible for all the major sports and cultural activities that are organized like SOJOURN, ENERTIA and 'SPECIAL DAYS'. Activities under the council are well supported by the team of faculty members. A gist of all the events is as follows

Important Activities

• Teachers Day	September 2022
• Reflex 3.0	September 2022
• Tree Plantation Drive	September 2022
• NIP-Debate	October 2022
• T-Spark	February 2023
• Multicon-W	February 2023
• Hackanova	February 2023
• Sojourn	March 2023
• B.E. Farewell	May 2023

Future plans

- ❖ To start various clubs to nurture the hobbies of students and provide a platform for their skills and talent.



TSDW Team



Sojourn - Annual Fest

Working Committee

Faculty	
Chairman of the council	Dr. B. K. Mishra, Principal
Overall In-Charge	Dr. Lochan Jolly, Dean-SSW
Faculty In-Charge	Dr. Manish Rana
Faculty In-Charge	Mr. Vikas Singh

Students	
Shailja Jadon	General Secretary
Viraj Zaveri	Joint General Secretary
Aniket Singh	General Advisor
Shudhanshu Singh	Program Coordinator
Namit Singh	Cultural Secretary
Shambhavi Joshi	Deputy Cultural Secretary
Shruti Dubey	Cultural Advisor
Hardik Chemburkar	Joint Cultural Secretary
Suhani Pandya	Joint Cultural Secretary
Nabil Khatri	Cultural Coordinator
Tushar Jhanwar	Sports Secretary
Rohan Gupta	Deputy Sports Secretary
Nishant Thakur	Sports Advisory
Priyanshu Pandey	Joint Sports Secretary
Hardik Ramparia	Joint Sports Secretary
Shantanu Varshney	Sports Coordinator
Rohit Yadav	Discipline Secretary
Rishabh Chopda	Deputy Discipline Secretary
Abhishek Singh	Discipline Advisory
Shubhangi Joshi	Joint Discipline Secretary
Sarvesh Sharma	Joint Discipline Secretary
Krish Gulati	Discipline Coordinator
Alisha Gupta	Academic Secretary
Hritik Kamble	Deputy Academic Secretary
Harneet Kaur Dehia	Academic Advisory
Om Rane	Joint Academic Secretary

Vishal Patil	Joint Academic Secretary
Aayan Khan	Academic Coordinator
Gurleen Pannu	Technical Secretary
Advait Chirmule	Deputy Technical Secretary
Aman Sayed	Technical Advisory
Ishir Agrawal	Joint Technical Secretary
Jwala Chorasiya	Joint Technical Secretary
Leander Carvalho	Technical Coordinator
Nishant Sharma	HSD Secretary
Khushi Bhoj	Deputy HSD Secretary
Aman Jain	HSD Advisory
Hariom Gupta	Joint HSD Secretary
Adhish Kaushal	Joint HSD Secretary
Nimish Vardam	HSD Coordinator
Tanisha Singh	Outreach Secretary
Bhushan Nehete	Deputy Outreach Secretary
Jeevesh Singale	Outreach Advisory
Viraj Shah	Joint Outreach Secretary
Yash Singh	Joint Outreach Secretary
Anubhav Singh	Outreach Coordinator
Amitabh Dixit	Treasurer
Esha Pandit	Lady Representative
Aryan Sharma	Head of Public Relations
Chhayank Singh	Head of Marketing
Hriday Shetty	Hospitality Head
Janani Menon	Creative Head
Vivek Pandey	Social Media Manager

Thakur College of Engineering and Technology



Model United Nation Student Chapter

Thakur College of Engineering and Technology's Model United Nation Society has been consistently striving to bestow profound and crucial knowledge regarding various international issues along with encouraging students' involvement in friendly and professional debates in order to provide authentic solutions to real-world problems. Intending to foster diplomatic and strategic skills amongst the youth to deal with global issues, it focuses on the channelization of energy and resources for the establishment of a more prosperous and peaceful world. With all might and aspirations, TCET-MUN successfully conducted its 12th Edition in 2022 with delegates participating from across India. Regarding the developmental aspect of youth, a Model United Nations Conference not only helps them to inculcate leadership qualities but also encourages them to exercise research, public speaking and teamwork.

In 2023, TCET-MUN Society also organized the 4th edition of the Indian Youth Parliament (TCET-IYP) with the mandate of developing innovative ventures by young minds, facilitating leadership skills and thinking power and increasing awareness on issues of national importance amongst young people. TCET-MUN Society also collaborated with the United Nations Information Centre (UNIC) for India which added to the value and integrity of the participation of students. The conference has always aimed to instil leadership and communication skills in the delegates.

Important activities

❖ Awareness Program	3rd August 2022
❖ Training Program	19th September 2022
❖ Mock Mun	24th September 2022
❖ TCET-MUN 2022 Conference	30th September 2022
❖ Awareness Program IYP	14th February 2023
❖ Training Session and Mock IYP	21st February 2023
† TCET-IYP 2023 Conference	04th March 2023

Future plans

- ❖ To organize TCET-MUN at an International level
- ❖ To increase global participation
- ❖ To continue conducting the Model United Nations and Indian Youth Parliament annually in the future

Core Committee

Faculty	
Faculty In-Charge	Dr. Amol Dapkekar
Students	
Secretary General	Nandini Choudhary
Director General And Head Of Marketing	Muskan Rana
Head of Administration	Utkarsh Jadhav
Head of Finance And	Nishith Thakur
Head of Hospitality	
Head Of Research	Vishal Yadav
Head Of Public Relation	Prabhat Shukla
Head Of Creative And Technical Affairs	Shubham Sarvankar
Head of Content Writing And Magazine	Atawaris Warsi
Head of Delegate Affairs	Karthikeya Mishra



TCET-MUN ANNUAL CONFERENCE



TCET-MUN Organizing Committee



The Indian Society for Technical Education is a national, professional and non-profit making Society registered under the Societies Registration Act of 1860. Being the only national organization of educators in the field of Engineering and Technology, ISTE effectively contributes in various missions of the Union Government. It is a Premier Agency operating with MHRD, AICTE, MIT and International Projects & a Professional Society giving over more than 70 National and Regional Awards to Institutions, Teachers and Students for innovation and excellence in various areas of Engineering and Technology. The ISTE-TCET Students chapter started in A.Y.2013-14 intending to strengthen co-curricular, extracurricular activities and professional development of students in the initial years of the course. ISTE-TCET works intending to promote STEM (Science, Technology, Engineering and Mathematics). The chapter is managed by ES&H department. The chapter aims at bridging the gap between university curriculum and industry requirements and keep students updated about the latest advancements in the field of engineering and technology. It also gives a platform for students to participate in different activities and inculcate the competitive spirit. THE BYTE is an e-magazine published bi-annually under the chapter which facilitates first year students to get first-hand exposure to research writing skills. This helped students to grow professionally and present their technical and non-technical skills at the national level. Currently, 2040 Students have registered under this students chapter. **Important activities**

- | | |
|--|-------------------------------------|
| > Roadmap to Engineering Education 2022 | 11th, 17th and 18th September, 2022 |
| > Zephyr 22 | 6th, 7th and 8th October, 2022 |
| > Orientation Program 2022 | 1st October, 2022 |
| > Talent Hunt | 16th November, 2022 |
| > Workshop on Scientific Calculator | 3rd December, 2022 |
| > Workshop on C Language | 17th and 18th December, 2022 |
| > Resume Building Workshop | 7th January, 2023 |
| > Scientific Paper Presentation Workshop | 4th February, 2023 |
| > Poster Presentation Workshop | 11th February, 2023 |
| > Multicon- EWPPC 2023 | 24th and 25th February, 2023 |
| > ISTE FIESTA 2023 | 18th March, 2023 |

Future plans

- > Organizing Technical Seminars and Workshops for students to help them gain insights about emerging fields at the intersection of multidisciplinary understandings of culture and Education.
- > To develop students' cognitive skills, flexible thinking and digital literacy fostered by STEM learning experiences to prepare them for college, career and community life.
- > Conduction of Industrial Visits, Competitions, Recreational Events etc., to make students develop entrepreneurial leadership and to help them combine the theoretical knowledge with the practical and hands-on application of the actual functioning of technical Concepts.

Working Committee

Faculty	
Advisor	Mr. Rohit Kumar Singh
Faculty In-Charge	Dr. Kiran Sanap Dr. Neha Mishra
Students	
Chairperson	Ms. Sakshi Mehta
Vice Chairperson	Mr. Shah Alam Khan
Secretary	Ms. Saanvi Sadani
Event Manager	Mr. Vinayak Nayak
Sponsorship Head	Mr. Aditya Rathod
Treasurer	Ms. Sakshi Singh
Publication Head	Ms. Aayushi Dubey
Webmaster	Mr. Akash Kapoor
Technical Head	Mr. Pranav Deshmukh



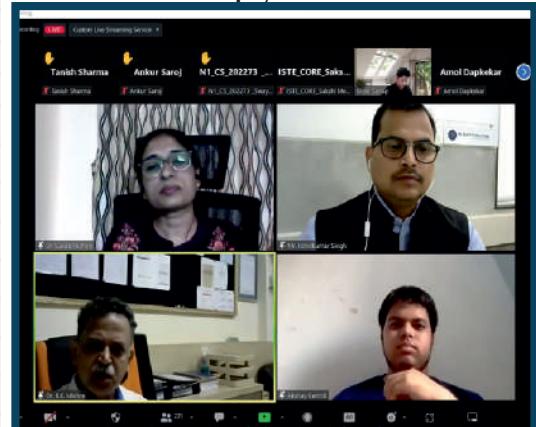
ISTE Core Committee 2022-23



Multicon - EWPPC 2023



Skills And Competitions

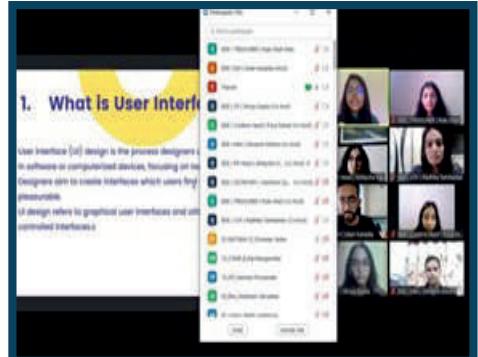


Zephyr 2022

IEEE is an association dedicated to advancing innovation and technological excellence for the benefit of humanity. It is the world's largest technical professional society. It is designed to serve professionals involved in all aspects of the electrical, electronic, and computing fields and related areas of science and technology that underlie modern civilization. It inspires to innovate for a better tomorrow through its more than 423,000 members in over 160 countries. To provide a platform for technocrats at the national and international level, TCET has initiated its first professional body in A.Y.2003-04 with the TCET-IEEE chapter, which is started and managed by Department of Electronics and Telecommunication Engineering. The chapter organises various professional and educational activities for students to enhance their technical skills and expand their knowledge in various domains. The members of IEEE benefit from the seminars, workshops and activities that are planned with the internationally renowned committee and have access to IEEE's website. The members also get access to the monthly technical magazine by IEEE which keeps them updated with the latest trends around the world. A bi-annual E-magazine, ABHIVARG is also the platform provided by the chapter to showcase the research-article writing skills of students. This encouraged students to participate and present their technical papers in international conferences and symposia organized by IEEE all around the world.



Training and Awareness of IPR



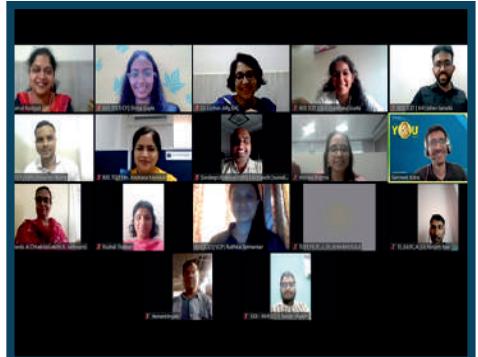
Webinar on UX-UI



IEEE-TCET CORE TEAM 2019-2020



Webinar on Wearable Antennas



IEEE Educational Activities Workshop

Working Committee

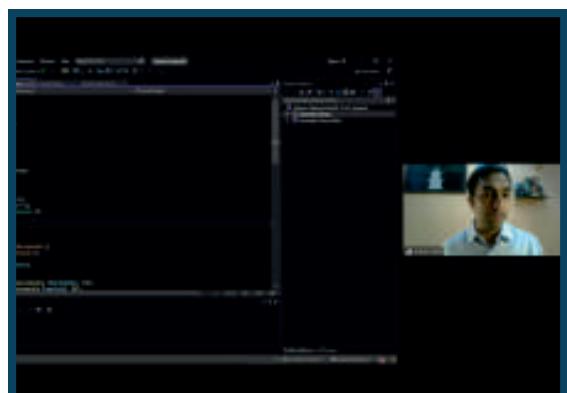
Faculty	
Student Branch Counselor	Dr. Lochan Jolly
Faculty In-Charge	Mr Deepak S Shete Ms Aradhana Manekar
Students	
Chairperson	Ms. Shriya Gupta
Vice-Chairperson	Ms. Radhika Tamhankar
Secretary	Ms. Vaishnavi Gupta
Event Manager	Mr. Ishaan Kanadia
Treasurer	Ms. Rutu Shah
Creative Head	Ms. Priya Samal
PR Head	Ms. Abhipsha Das
Marketing Head	Mr. Shivansh Mishra
Joint Secretary	Mr. Suraj Maji
Social Media Manager	Mr. Darshit Raut



The Computer Society of India (CSI) is the first and largest body of computer professionals in India. It facilitates research, knowledge sharing, learning and career enhancement among all categories of IT professionals. To percolate benefits of IT advancement to all sections of Indian society, the TCET-CSI chapter is established in A.Y.2004-05 and is managed by Department of Computer Engineering. The chapter aims to provide students the best opportunities to acquire knowledge and gain experience in varied fields and thus help them become better professionals. The chapter inspires and nurtures new talent and innovations by giving exposure to seminars, workshops, symposia, etc. Today, TCET-CSI chapter has more than 170 memberships who get opportunities to meet industry leaders, brilliant scientists, and dedicated academicians. NIMBUS is a bi-annual E-magazine released for enhancing the research acumen of students and faculty.



Core Committee 2021-22



Workshop on Game Development



Higher Studies Seminar



Educational Excursion to Plywood Factory

Working Committee	
Faculty	
Branch Counselor	Dr. R. R. Sedamkar
Faculty In-Charge	Mr. Vikas Singh Mr. Shailesh Sangle
Students	
Chairperson	Raj Desai
Vice-Chairperson	Pragya Shukla
Secretary	Sakshi Sharma
Treasurer	Ankur Kulkarni
Event Manager	Aditi Shah
Sponsorship Head	Naman Agarwal
Publication Head	Rhea Rajput
Webmaster	Deep Khasgiwala
Technical Head	Om Hinge
Event Co-Ordinator	Purvashi Shah

The IETE is the National Apex Professional body of Electronics and Telecommunication, Computer Science and IT Professionals. The Government of India has recognized IETE as a Scientific and Industrial Research Organization (SIRO) and also notified it as an educational Institution of national eminence. To provide leadership in scientific and technical areas, TCET-IETE chapter was formed in the A.Y. 2011-12 and is managed by Department of Electronics Engineering. The chapter conducts technical meetings, conferences, symposia, and exhibitions to provide continuing education as well as career advancement opportunities to its members. At present, there are more than 250 members. Students and faculty also get the platform of bi-annual E-magazine,ADHYAY, to publish their first-hand technical articles.



Dr. P.B. Parikh Endowment lecture
 (6th February 2023)

Important activities

- ❖ Seminar on Research Paper Writing 22nd July 2022
- ❖ Local IV to Automation Expo 2022 17th August 2022
- ❖ Dr. P.B. Parikh Endowment lecture 6th February 2023
- ❖ Oscillation 2023 6th April 2023

Future plans

- ❖ To encourage students for the free online courses offered by IETE Bombay section.
- ❖ To encourage students for Internship organized by IETE Bombay section at discount rate
- † To encourage students to be a member of TCET-IETE students forum and get the Benefits.
- ❖ To organize Seminar for students to develop their soft skills.
- ❖ To organize The TCET's Zephyr with new innovative ideas as a megaevent.
- ❖ To organize Industrial Visits.
- ❖ To organize technical workshops



Seminar on Research Paper
 22nd July 2022



Seminar on Networking & cyber security
 17th August 2022



Seminar on Data Analytics 26st August 2022

Working Committee

Faculty	
IETE Branch Counselor	Dr. Sandhya Save
Faculty In-Charge	Mrs. Jalpaben Bhatt
Faculty Members	Mr. Sumit Kumar Mr. Sunil Khatri
Students	
Chairperson	Mr. Dhruv Arora
Vice Chairperson	Ms. Mansi Vaghasiya
Secretary	Ms. Noopur Divekar
Sponsorship Head	Ms. Vedanti Kesarkar
Treasurer	Ms. Prutha Trivedi
Event Manager	Ms. Rishika Jain
Publication Co-ordinator	Mr. Arshad Syed
HOC Co-ordinator	Ms. Satyam Singh

TCET-ACM SIGITE Students' Chapter

ACM-SIGITE is the Association for Computing Machinery (ACM) Special Interest Group for IT Education. ACM is the world's largest educational and scientific computing society and it delivers resources that advance computing as a science and a profession. SIGITE provides a forum to discuss, develop, evolve, and promote the discipline of IT. To articulate, promote, and disseminate research related to IT, TCET- ACM is founded in A.Y. 2011-12, which is managed by Department of Information Technology. The chapter offers seminars, guest lectures, and the opportunity to meet peers and experts in many fields of interest. The chapter boasts of a headcount of 140 members. Being an ACM member entitles them to monthly ACM newsletter, ACM conference and workshop access, and ACM Digital Library Access at concessional rates. E-magazine named E-ZINE is published yearly in every academic year, which has technical articles of students and faculty

Important activities

- | | |
|---|---------------------------------|
| ❖ Webinar on "Big Data Analytics | 23 rd July, 2022 |
| ❖ Seminar on "Internet of Things" | 29 th July, 2022 |
| ❖ Webinar on "Cyber Security | 1 st October, 2022 |
| ❖ Webinar on "Robotic Process Automation" | 27 th January, 2023 |
| ❖ National level Workshop on Design Thinking | 11 th November, 2022 |
| ❖ Quiz Competition | 27th August, 2022 |
| ❖ Coding Competition | 24 th March 2023 |
| ❖ E-Zine departmental Magazine and Newsletter release | 28 th March 2023 |
| ❖ Industrial Excursion | 3 rd January 2023 |
| ❖ Alumni Connect | 10 th February 2023 |

Future plans

- ❖ To conduct collaborative activity with other professional chapter of other Institute
- ❖ To organize event on global level

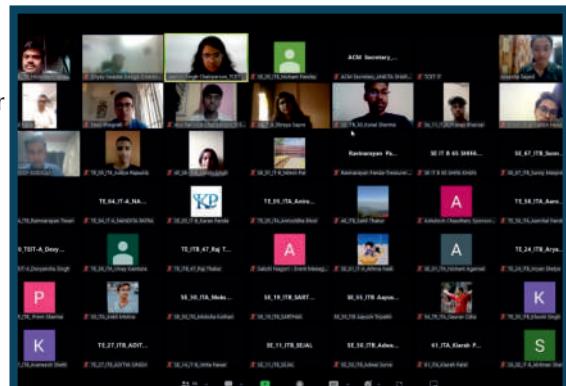
Working Committee	
Faculty	
Branch Counselor	Dr Sangeeta Vhatkar
Faculty Incharge	Mrs. Mary Margarat
Faculty Incharge	Mrs. Apeksha Wagmare
Faculty Incharge	Mr Rahul Neve
Students	
Chairperson	Jaanhvi Singh
Vice Chairperson	Atul Pal
Secretary	Ankita Sharma
Treasurer	Ravinarayan Panda
Event Manager	Sakshi Nagori
Sponsorship Head	Ashutosh Chaudhary
Publication Head	Krishi Chaurasiya
Web Master	Sumit Prajapati
Design Director	Dhyey Swadia



TCET-ACM Core Committee members



National Level Design Thinking Workshop



Webinar on Robotic Process Automation



Seminar on "IOT-A Career to choose"

TCET - ASCE Chapter

American Society of Civil Engineers

The American Society of Civil engineers (ASCE) is a professional body that represents members of the civil engineering profession. The ASCE-TCET student chapter was established in A.Y.2017-2018. The main objective of it is to promote innovative and creative thinking which will help to face the current challenges of sustainable development and entrepreneurship. To achieve this Knowledge, experience, and best practices are shared through conferences, workshops, seminars, webinars, site visits etc.

Important activities

- ❖ Seminar on career Opportunities In Government, Defence And Paramilitary Sector 12th August 2022
- ❖ Tecfest: ZEPHYR 08th October 2022
- ❖ Expert talk on Opportunities for Civil Engineers in New Zealand 21st November 2022
- ❖ Industrial visit to Sea Blue Shipyard 04th January 2023
- ❖ Workshop on BIM-Revit software 20th to 24th Feb. 2023
- ❖ International conference of Advances on Civil and Mechanical Engineering 25th & 25th Feb. 2023
- ❖ Indian knowledge centre(IKS) Jal Dharohar Internship 15th March 2023

Future plans

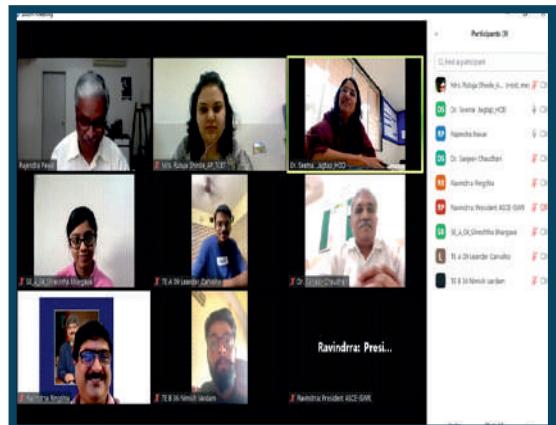
- ❖ To organize Seminars and Industrial Visit on emerging trends in Civil engineering
- ❖ To organize more workshops for more practical knowledge and hands-on practice

Working Committee

Faculty	
In-Charge	Mrs. Rutuja Shinde
Students	
Chairperson	Mr. Pratyush Choudhary
Vice- Chairperson	Ms. Shreshtha Bhargava
Secretary	Ms. Sudha Paudel
Event Manager	Mr. Om Dhonnar
Treasurer	Mr. Aayush Jain
Sponsorship Head	Mr. Aayush Kasliwal
Webmaster	Mr. Jatin Shetigar
Publication student Head	Ms. Avani Gala



Auto cad Internship visit to an Architecture firm



American Society of Civil Engineers Student chapter leaders meeting with Practitioner advisor.



Civil Student presenting their research work at Indian Urban Housing Conclave-2022



Mission Amrut Sarovar-Jal Dharohar Sanrakshan Intership



The American Society of Mechanical Engineers (ASME) promotes the art, science and practice of multidisciplinary engineering and allied sciences around the globe. ASME is a not-for-profit membership organization that enables collaboration, knowledge sharing, career enrichment, and skills development across all engineering disciplines. To disseminate quality programs in continuing education, training and professional development, ASME-TCET chapter is formed in A.Y. 2013-14, which is managed by Department of Mechanical Engineering. The chapter provides a platform to enhance technical knowledge to its members. Members are supplied with daily technical and inventory updates, monthly magazines and opportunities to get scholarships to study abroad. The ASME-TCET offers workshops, seminars, technical journals and online recorded lectures by top industrialists and inventors of great technologies. It also provides conferences and exhibitions all over the world. Currently, ASME-TCET has more than 60 registered members in the institute. Under this chapter, MECHON E-Magazine gets published twice in the academic year.



ASME Core committee

Important activities

- ❖ Technical Seminar on orientation on BIS & brief introduction on standards 10th Feb 2023
- ❖ Workshop on Programming for Automation Engineers 20th to 25th Feb 2023
- ❖ Technical Seminar on Gas Turbine 23rd March 2023
- ❖ Seminar on "Mechanical Engineering Application in Capsule Filling Technology as Support to Pharma Industry" 22nd July 2022
- ❖ Workshop on Surface Modelling 25th & 26th Feb 2022
- ❖ Seminar on CAD CAM and CAE Products 19th August 2022



Technical Seminar on Gas Turbine

Future plans

- ❖ To organize workshops and seminars related to the latest technological trends.
- ❖ To organize technical fest on a larger scale with much more competitive events and increase the contribution of students in these events.

Working Committee

Faculty	
Branch Counselor	Dr. Siddesh Siddappa
Faculty In-Charge	Mr. Krishna Gaikwad
Faculty In-Charge	Mr. Pankaj Rawool
Students	
Chairperson	Ms. Vaishnavi Patil
Vice Chairperson	Mr. Aditya Yadav
Secretary	Mr. Shreyas Vispute
Event Manager	Mr. Advait Angwalkar
Sponsorship Head	Mr. Shamsheer Singh Atwal
Treasurer	Ms. Shruti Agarwal
Webmaster	Mr. Tarun Mudgal
Publication Head	Mr. Daksh Pandey



Team Technocrats

SAE International is the US-based global association of engineers and technical experts in the aerospace, automotive and commercial-vehicle industries meant for connecting and educating mobility professionals to enable safe, clean, and accessible mobility solutions for the benefit of humanity. SAE India is a strategic alliance partner of SAE International registered in India dedicated to the advancement of mobility industry in India. SAE India - TCET is students chapter formed in A.Y. 2017-18 to bridge the gap between the industry and academia and inculcate professionalism in the students. This is the 2nd students chapter associated with the Department of Mechanical Engineering. The main objective of SAE India – TCET is to provide students with a platform for enhancing their engineering and professional skills beyond curriculum and offer opportunities for active participation in national and international level technical competitions. It is run by 82 student members and guided by two faculty advisors.



SAE India – TCET Working Committee

Important activities

- ❖ Formula Bharat Competition (Combustion), 2023
- ❖ Overall Rank : AIR 10
- ❖ Engineering Design Report : AIR 09
- ❖ Cost Report : AIR 11
- ❖ Business Plan Presentation : AIR 09
- ❖ Formula Bharat Competition (Electric), 2023
- ❖ Overall Rank : AIR 11
- ❖ Engineering Design Report : AIR 10
- ❖ Cost Report AIR 10
- ❖ Business Plan Presentation : AIR 11

Future plans

- ❖ To participate in SUPRA SAE India 2021, Quad Torc 2021, Formula Imperial 2021, ASME HPVC 2022, Formula Bharat 2022, SAE India Aero Design Challenge 2022, BAJA SAE India 2023
- ❖ To organize technical seminars (with emphasis on webinars) on latest technologies in mechanical and automotive engineering.

Achievements

- ❖ **Supra SAE INDIA 2019:** 20th in Business Presentation out of 120 Teams.



Team Aeronix participated

Working Committee	
Faculty	
Senior Faculty Advisor	Mr. Mahendra Shelar
Additional Faculty Advisor	Mr. Sachin Oak
Students	
Student Chair Person	Mr. Om Pitale
Student Vice Chair Person	Mr. Mayank Singh
Student Secretary	Ms. Gayatri Narale
Student Treasurer	Mr. Murtaza Chulawala
Student Program Chair	Mr. Samriddh Shukla
Student Publicity Chair	Mr. Deepak Gupta
Student Membership Chair	Ms. Chaitali Salkar
Student Reception Chair	Mr. Anish Joshi





TCET - NCC UNIT

About NCC : The National Cadet Corps is the Indian military cadet corps with its headquarters at New Delhi. It is open to school and college students on a voluntary basis. NCC inducts cadets from schools, colleges and universities all over India. Cadets are given basic military training in small arms, physical fitness and outdoor parade training. In addition to military training, cadets are trained for personality development, better social upbringing and community development. Cadets can also join active military service if found eligible & suitable after successful completion of NCC 'C' certificate course. They are preferred while selection in the Indian Armed Forces

TCET-NCC Unit was established in the month of October, 2021 under the approval of the NCC directorate of Indian Army with a sanctioned strength of 104 cadets. Regular indoor/outdoor training and activities are being conducted under the guidance of Cdr. Vijay Pratap Singh (Mentor & Officer In-charge NCC) and Lt.(Dr.) Nivant Kambale, ANO.

Motto of NCC: The motto Of NCC is “UNITY & DISCIPLINE (एकता और अनुशासन)”, which was adopted on 23rd Dec,1957. In line with its motto, NCC strives to be one of the greatest cohesive forces of the nation bringing together the youth hailing from different parts of the country and moulding them into united, secular and disciplined citizens of the nation.

Important activities

❖ International Yoga Day Celebration	21 st June 2022
❖ Kargil Vijay Diwas Celebration	25 th July 2022
❖ Army Organized Combined Annual Training Camp	25 th July-1 st August 2022
❖ Azadi Ka Amrit Mahotsav & Independence Day 13th	15 th 2022
❖ Puneet Sagar Abhiyaan (Beach cleaning)	17 th September 2022
❖ Prayaas – Clothes, Footwears, old Books Donation	15 th October 2022
❖ Rashtriya Ekta Diwas - Unity Run	31 st October 2022
❖ NCC Day and Constitution Day Celebration	25 th November 2022
❖ Blood Donation Drive	26 th November 2022
❖ Small Arms Firing Camp	6 th December 2022
❖ Lecture on Defence Recruitment Tests & SSB	6 th January 2023
❖ Army Day Celebration	15 th January 2023
❖ Republic Day Celebration	26 th January 2023
❖ Fit India Activity – Patriotic Run	4 th February 2023
❖ G20 Poster Making & Presentation Competition	4 th March 2023
❖ Women's Day Celebration	8 th March 2023
❖ Seminar on Mental Toughness & Resilience	31 st March 2023
❖ Personality Development & SSB Training	13 th April 2023
❖ Environment Protection Awareness Drive	3 rd June 2023



Republic Day & Independence Day Celebration



Outdoor Activities (Puneet Sagar Abhiyan)

TCET NCC UNIT		
Name	Designation	Class
Cdr. Vijay Pratap Singh	Officer In-charge (OIC)	-
Lt.(Dr.)Nivant Kambale	Associate Officer NCC	-
Vishal Gupta	Head Corporal	AI&DS
Aditya Rajauria	Office Corporal	IT
Lavkush Bind	KOTE Corporal	MECH
Shreyash Sharma	Ground Corporal	E&TC
Suraj Gupta	Lance Corporal	CIVIL
Akshay Yadav	Lance Corporal	ELEX
Siddhi Surve	Lance Corporal	ELEX
Aryan Singh	Lance Corporal	E&TC
Chirag Patekar	Lance Corporal	AI&DS
Aditya Zope	Lance Corporal	E&CS



Yoga Day Celebration



SORT & LITERARY CLUB

About SORT & Literary Club

S.O.R.T. and Literary Club is an initiative by Thakur College of Engineering & Technology (TCET) supported by Art of Living. It aims at social transformation and building a society led by students who have concrete beliefs and sharp personalities. It was established in October 2019 with amazing mentors as our backbone.

The motto goes—"If it's sort, it's unique.", which recognizes and celebrates the uniqueness of every individual who is a part of the SORT & Literary Club. It strives to provide students with opportunities and a platform to show students' skills amongst their peers.

Objective

The objective is to establish a body that focuses on self-development, cultural activities, sports, and spirituality within the college community. The main goals are to enhance the happiness index, reduce stress levels, and foster overall wellbeing among the members and the entire college. The body will also provide support in helping the youth and members comprehend the meaning of life, facilitating emotional growth. Additionally, the exploration and promotion of students' special talents in writing and poetics will be emphasized.

Important activities

❖ Tree Plantation Drive	25th July 2022
❖ "Inverse" Slam Poetry Competition	20th August 2022
❖ UI/UX Design Seminar	29th August 2022
❖ Beach Cleanup Drive	17th September 2022
❖ Prayaas – Clothes, Footwears, Old Books Donation Drive	15th October 2022
❖ Seminar on How to Grab Internships	21st October 2022
❖ Poster Presentation Competition	9th November 2022
❖ Session on Sound Therapy	22nd December 2022
❖ Social Cyber Awareness Seminar	10th February 2023
❖ Ideathon	17th February 2023
❖ Workshop on Postman API	17th February 2023
❖ Literary Soiree	2nd March 2023
❖ Workshop on Mental Toughness and Resilience	31st March 2023
❖ Unspoken Tales	6th April 2023
❖ Think Tank	14th April 2023
❖ SORT Sundays (Sport's Activities)	



17th September 2022 - Beach Cleanup Drive



31st March 2023 - Seminar On Mental Health & Resilience



15th October 2022 Prayaas Donation Drive



SORT Sundays

Administration & Managing Team

Core Committee of A.Y. 2022-23

Name	Designation	Class
Dr. Lochan Jolly	Faculty Incharge	—
Cdr. Vijay Pratap Singh Sir	Mentor	—
Mrs. Rajeshwari Jaisinghani	Mentor	—
Ankur Yadav President	President	TT AIML
Sparsha Shetty	Vice President	TE COMP C
Simpi Yadav	Secretary	TE MECH B
Harsh Verma	Treasurer	TT AIML
Gaurav Ojha	Event Manager	TE IT A
Arya Dubey	Publication Head	TE IT A
Jayesh Potlabattini	Technical Head	TT AIML
Rutul Bokade	Marketing Head	TE ELEX A



TCET-NSS Students' Chapter

National Service Scheme (NSS) is a scheme specially made for social cause. It is one of the aided extra-curricular activities conducted by the University of Mumbai and the Department of Youth Affairs and Sports, Government of India. Its motto is "NOT ME BUT YOU", which reflects the essence of democratic living and upholds the need for self-less service. The philosophy of the NSS is well emphasized in this motto, which underlines the belief that the welfare of an individual is ultimately dependent on the welfare of the society overall. The basic principle of the programme is that it is organized by the students themselves and both students and faculties through their combined participation in social service, get a sense of lifelong learning by the involvement in the tasks of national development to prepare responsible citizens of tomorrow. TCET-NSS started in October 2005 with 42 members and has grown to strength of 200 members. Till date more than 1200 students have enrolled as NSS volunteers. The NSS Volunteers have imparted their service in four domains namely Education, Environment, Health, and Society. The pandemic didn't act as a barrier for the volunteers. Instead, they took it as an opportunity and various activities such as Mask Making, Paper Strip Making, Vaccination Drive Awareness etc. were conducted for creating awareness and prevention of the spread of COVID-19. With active participation in these activities, volunteers develop constructive linkage between campus and community. This enables them to acquire leadership qualities and democratic attitude. It has helped student volunteers to enhance their overall personality by developing a sense of social and civic responsibility.

Important activities

❖ Booster Dose Vaccination Drive	08 th August 2022
❖ E-Waste Collection	24 th August 2022
❖ Fitness India Activity	27 th August 2022
❖ Tree Plantation	28 th August 2022
❖ Ganpati Visarjan	01 st September 2022
❖ Beach Clean Up	17 th September 2022
❖ Nutrition Awareness	25 th September 2022
❖ Joy of Giving	28 th September 2022
❖ Voter ID Registration	28 th September 2022
❖ Free Medical Camp Survey	18 th September 2022
❖ Nasha Mukti Rally	01 st October, 2022
❖ NSS Week Celebration	01 st October, 2022
❖ Swacchta Abhiyan Plastic Pickup	02 nd October, 2022
❖ Blood Donation Camp	21 st October, 2022
❖ Unity Run	31 st October, 2022
❖ Paper Bag Making and Distribution	05 th November, 2022
❖ Marine Pollution	08 th December, 2022
❖ Traffic Management Project	11 th January, 2023
❖ Old Age Home Visit	18 th February, 2023
❖ Cardiac Arrest Seminar	06 th March, 2023

Future plans

To organize programmes such as Skill enhancement, Disaster Management, Vaccination Drive Awareness, Food Donation Drive, Blood Donation Camp, etc.



24th September 2022 – Swacchta Abhiyan



28th September 2022 – Voter Id Registration Drive



01st October 2022- NSS Week Celebration



21st October 2022 - Blood Donation Camp

Working Committee

Programme Officer (PO)	Dr. Satish Singh	Administrative Head	Ms. Charvi Rathod
	Dr. Vinita Agarwal		Mr. Maniprakash Shukla
Deputy Programme Officer (PO)	Mr. Sajjan Kumar Lal	Finance Head	Mr. Yash Satale
	Dr. Neha Mishra		Ms. Pranali Shirsat
Students		Project Head	Mr. Sumit Upadhyay
			Mr. Atharva Pardeshi
Students Leaders	Mr Aryan Patil	Assistant Administrative Head	Ms. Prathna Shah
	Mr. Kamal Choudhary	Website Manager	Mr. Nikhil Kushwaha
	Ms. Tanisha Shaikh	Public Relations	Mr. Harsh Tikone

Extension Work Team (EWT) is the scheme of department of Lifelong Learning and Extension (DLLE), Mumbai University. It is monitored through separate Guidelines of UGC from its subsequent five year plans and fund allocations. As a part of this, TCET-EWT started in the A.Y 2016-17 and specifically works for the underprivileged sections of the society. It extends educational programs that enhance and improve the quality of life in tune with today's socio-economic changes. TCET-EWT also plans and executes activities that assist people to improve their conditions in all dimensions of their lives. Moreover, it helps to make people aware by undertaking various activities which are research based to enhance knowledge and skills of underprivileged section of society so that they can upgrade their skills for better productivity and standard of living. Every year around 130 - 145 student volunteers participate in various activities of social development as per the guidelines of DLLE and under the monitoring of program officers that have helped volunteers to apply the classroom learning for the benefit of society.

Important activities

Azadi ka Amrit Mohatsav	15-08-2022
Flag Collection Drive at Thakur Village, Kandivali (E)	15/08/22 - 22/08/22
Ganesh Utsav- Fun Activities	31/08/22 - 04/09/22
Research Paper Writing Competition Webinar	08-09-2022
Mental Health Webinar	10-09-2022
Engineering Day & PTM Volunteering	15-09-2022 & 17/09/2022
Semester Orientation (Odd Sem)	19-09-2022
Health Check-up Camp	24-09-2022
Roadmap Program Volunteering	01-10-2022
Poster, Poem & Essay Writing Competition	06-10-2022
Quotes & Meme Competition	11-10-2022
Institute Tour Volunteering & Joy of Giving (Donation Drive)	20/10/2022 - 21/10/2022
Run for Unity (National Unity Day)	31-10-2022
Children's Day Celebration (Sir G.S Public School-Kelve Rd.)	14-11-2022
Semester Orientation (Even Sem)	20-01-2023
Republic Day	26-01-2023
Patriotic Run Participation	04-02-2023
Udaan Fest & Bachpan ki Yaadein (Marine Drive)	10/02/2023 - 11/02/2023
D-Fest 2023	15/02/2023 - 16/02/2023
Multicon W 2023 Volunteering	24-02-2023
Sandy Funday on Sunday (Girgaon Chowpatty)	05-03-2023
Junoon Foundation Awareness Volunteering	14-03-2023
Sojourn 2023	16/03/2023 – 17/03/2023
Online Movie Noon	22-03-2023
Municipal School Teaching Activity	28/01/2023 – 25/03/2023
Teaching Sessions at Sri Ram Vidya Mandir High School	29/01/2023 – 26/03/2023

Future plans

- 1) Increase in number of adopted Municipal Schools
- 2) Street children: Literacy Programme
- 3) Adoption of study centers in slum areas.

Working Committee		
Faculty		
Programme officer	Dr. Ela Agarkar Mr. Ashwin Pathak	Aachal Mestry Chinmay Bhosle Vaibhav Singh Aabid Shaikh
Students		Students Leader
Students Manager	Shivam Mishra Neha Jaiswar Suraj Mishra Shreya Chauhan Pratham Gupta Dhirendra Singh	Gaurav Warke Aditya Zope



Best College Award – D Fest-2023



Sir G.S School, Kelve Road (Teaching Activity)



Counselling session – Vidya Vikas Sabha



Flag Collection Drive

TCET - Rotaract Club

We at RCTCET believe in a simple yet profound idea, "No success comes without hardwork & dedication." Chartered in 2017, RCTCET has been an ever rising social club of TCET, and the members of this club strive for the best in all their undertakings and focus on helping the society by doing good. At Rotaract Club of TCET, wellbeing is at the forefront of what we're working together towards. Our programs and activities are designed to be a catalyst that helps community members reach their goals and fulfill their potential.

Taking a look at the various club achievements:

- Club ranking is at 11th position out of 143 clubs in the R.I District 3141.
- Awarded ACER for Best Club Website in the Rotaract District 3141 R.I Year 2020-21.
- Awarded for Emerald spotlight club citation.
- Best participating club citation in World Responsible Youth (W.R.Y.) week in R.I District 3141.
- Received Gold Citation from SEARIC MDIO.
- 15+ Nominations in 2021-22 for AARA award in the District 3141 and won the ACER award for Best Editors in the District 3141 in the R.I Year 2021-22.

The main objectives of Rotaract Club of TCET are:

- To develop qualities such as leadership, teamwork, determination, hard-work, creativity.
- To emphasize respect for the rights of others, based on recognition of the worth of each individual.
- To recognize the dignity and value of all useful occupations as opportunities to serve.
- To recognize, practice, and promote ethical standards as leadership qualities and vocational responsibilities.
- To develop knowledge and understanding of the needs, problems and opportunities in the community and worldwide.
- To develop responsibility towards the society by promoting activities which involves community service.
- To encourage skills by providing young leaders with a platform where they can create a change for the betterment of the society.
- To help students in developing personal & professional skills.

Key activities conducted by Rotaract Club of TCET are:

- Techworld
- Mega Health Checkup
- Give Her Wings
- Beach Clean up
- Neighborhood for Good
- Orphanage Visit
- Paws for the Cause
- Run! Run! Run!
- Wall Painting

The future events by Rotaract Club of TCET are:

- Marathon
- Workshop on Entrepreneurship
- Star Gazing Activity under Astronomy Club by RCTCET
- Mega Health Check-up
- Visit to Orphanage
- Social Service Camp
- Ganeshotsav
- Guidance workshop on Start Ups

Sub-clubs under us:

- Astronomy Club
- Health Club
- TCET Capture

Avenues of service

- Club Service
- Community Service
- Shiksha
- Professional Development
- International Service
- Public Relations & Marketing
- Sports
- Entrepreneurship Development
- Partners - In - Service
- Editorial Service
- Digital Communication
- Social Media Relations
- Media Production

STRUCTURE FACULTY-IN-CHARGE

CORE MEMBERS

- President
- Secretary
- Vice President
- Sergeant - At - Arms
- Chairperson - Hrd
- Chairperson - Finance
- Chairperson - Promo
- Joint Secretary
- Chairperson - Publications

BOARD OF DIRECTORS

GENERAL BODY MEMBERS



Team RC-TCET



Official Club Visit by District Rotaract Team



Wall Painting at Kandivali West



Health Check Up Camp at Kandivali Police Station

ABOUT TED:

TED is a nonprofit organization devoted to Ideas Worth Spreading. Started as a four-day conference in California 30 years ago, TED has grown to support its mission with multiple initiatives. The two annual TED Conferences invite the world's leading thinkers and doers to speak for 18 minutes or less. Many of these talks are then made available, free, at TED.com. TED speakers have included Bill Gates, Jane Goodall, Elizabeth Gilbert, Sir Richard Branson, Nandan Nilekani, Philippe Starck, Ngozi Okonjo-Iweala, Sal Khan and Daniel Kahneman.

ABOUT TED^x:

In the spirit of ideas worth spreading, TED is a program of local, self-organized events that bring people together to share TED-like experience. At a TED event, TED Talks video and live speakers combine to spark deep discussion and connection. These local, self-organized events are branded TED^x, where x = independently organized TED event. The TED Conference provides general guidance for the TED program, but individual TED events are self-organized. (Subject to certain rules and regulations.)

ABOUT TED^xTCET:

TED TCET has been spreading ideas and knowledge since 2018. Since then TCET has been a house to extraordinary TED speakers from different fields. We believe in diversity, all of our speakers come from various backgrounds. TED TCET has contributed to more than 2.7 Million views on the main TED youtube channel. Thakur College of Engineering and Technology has always been supportive for all the resources required while bringing the event on the floor. We further wish to spread unique ideas with diverse speakers and find new talent from TCET for the organizing committee. With 5 consecutive successful editions of TED TCET, we wish you anticipate a great experience in 2023.

Working Committee	
Faculty	
Faculty In-Charge	Dr. Sujata Alegavi
Faculty Members	Mr. Sunil Khatri
Faculty Members	Dr. Archana Belge
Faculty Members	Mr. Sumit Kumar
Students	
Co-Curator(Technical & Social Media)	Ms. Shubhangi Joshi
Co-Curator (Communications & Creative))	Ms. Suhani Pandya
Executive Manager	Mr. Hardik Rampaaria
Creative Manager	Ms. Janani Menon
Sponsorship & Marketing Manager	Ms. Sakshi Sharma

SPEAKERS 2022	
Name of the Speaker	Portfolio
Mr. Dev Gadhvi	Author and Passionpreneur Mentor
Ms. Vishakha Fulsunge	MotoVlogger, Digital Content Creator
Mr. Pedro Uria Recio	Chief Data Analytics Officer at True Digital & M.D. of True Analytics (Malaysia)
Ms. Nidhi Choudhary	District Collector of Mumbai Suburban Region
Mr. Harshveer Jain	Co-founder of Mingout, Content Creator
Mr. Aakarsh Sethi	Senior Product Manager, Infinix Healthcare



Speakers 2022



Speakers 2021



Speakers 2020



Speakers 2019

TCET - STUDENT EXCHANGE PROGRAM

NATIONAL INITIATIVE PROGRAM (NIP)

As per the guidelines of Ministry of Human Resource -Development and AICTE. Thakur College of Engineering and Technology started National Initiative Program (NIP) in A.Y 2019-20. This program enables the students to participate and collaborate with students across various institutes of the country. Interaction with students having various academic, regional, cultural and religious background instills a sense of understanding, brotherhood and patriotism in the students. NIP activities at TCET are aligned with various initiatives from the government of India such as New Education Policy (NEP) 2020, Ek Bharat Shresth Bharat (EBSB) mission, Azadi ka Amrit Mahotsav (AKAM), Panch Pran – Five pledges for Developed India, YUVA sangam etc. TCET has collaborated with various institutes from Maharashtra, Karnataka, Kerala, Madhya pradesh, Tamil Nadu and Odisha to conduct activities for cultural, technical and skill improvement. Participation in such activities make TCET students excel in their professional carrier



Important activities

- One week online internship on ML, IOT and WEB development 15th June 2020 to 19th June 2020
- GUSTO-Online Cultural Event 19th and 20th June 2020
- E-Techno fest 2020 21st to 27th June 2020
- Workshop and Collaborative Research Activity 12th Sept. to 7th Nov. 2020
- EBSB: Students exchange program – Internship on (i) Web Development (ii) Smart Solutions using Arduino (iii) Drawing of machine parts using AutoCAD (iv) Building Drawing using AutoCAD 2D & 3D 6th Feb. 2021 to 17th Apr. 2021
- Webinar for knowing emerging technology and leadership development 7th Aug. 2021
- Poster Making and Essay Writing Competition 16th Oct. 2021
- Faculty Exchange - An expert faculty and examiner for Institute Exams 22nd Nov. to 3rd Dec. 2021
- Collaborative Research Activity – Writing research papers in collaboration with students from partner institutes 1st Sept. 2021 to 30th Dec. 2021
- Webinar: "Health and Hygiene" Under Azadi ka Amrut Mahotsav Ayush Ministry 5th Mar. 2022
- Online Debate Competition 18th Mar. 2022
- Virtual Sojourn – Cultural exchange 9th Apr. to 17th Apr. 2022
- EBSB student visit from Odisha 29th June to 3rd July 2022
- Academic Exchange 20th to 24th Feb. 2023
- Workshop on Jal Dharohar Sangrashan 13th Mar. 2023
- Poster competition on "Panch Pran" 1st Apr. 2023
- YUVA Sangam Phase – II 3rd to 5th Apr. 2023



Future plans

- 1) Establishment of YUVA Tourism Club
- 2) Increasing number of activities under EBSB program
- 3) Collaborating with more colleges from various states of the country

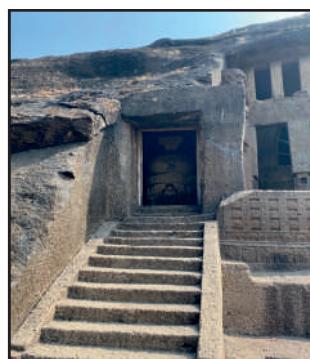
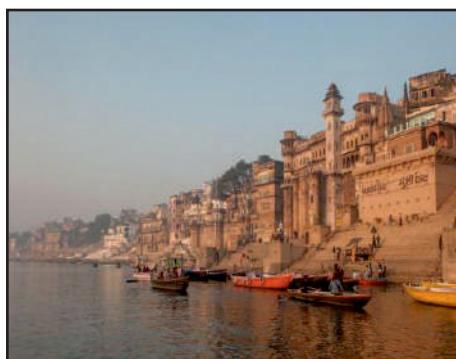
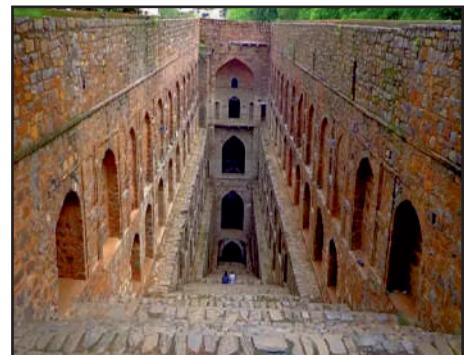


WORKING COMMITTEE

Faculty	Student Leaders
Mr. Arpit S Vyas	Mr. Harshad Vhatkar
Mr. Ashwin Pathak	Mr. Vishal Rawat
Mr. Rahul Neve	Ms. Khushi Gupta
Ms. Jalpaben Pandya	Mr. Dheerav Nahar
Ms. Sayli Salkhade	Mr. Ashutosh Puri

INITIATIVE PROGRAM

Hon'ble Prime Minister, as part of the commemorative celebration of the 75th anniversary of our independence, envisioned protecting traditional water bodies for ensuring water security of cities by involving youth and the community. Bearing this vision in mind, the Government of India has launched 'Mission Amrit Sarovar - Jal Dharohar Sanrakshan'. TCET was allocated Powai lake and 29 students who were part of this internship used their technical skills to analyse the waterbody and also developed plans to renovate the place to connect people with water bodies and history associated with their area. Students presented their work to BMC head office and it was appreciated by them



STUDENTS' MAJOR ACHIEVEMENTS

TCET Students have Participated in various Inter-collegiate tournaments.

The Annual Intra and inter collegiate sports festival ENERTIA 18 was a great success.

Cricket: TCET cricket team has stood 1st Runner Up in intercollegiate tournament at HR College on 8th March 2023. Cricket Team also won 1st prize in ENERTIA'23 organized by TCET Kandivali on 18th February 2023. Team also won 1st prize in NMIMS College on 23rd March 2023.

Athletics: TCET students won **One Gold, One Silver and Two Bronze** in Athletics at **National event BOSM'22** open sports meets organized event by Bits Pilani, Rajasthan in Sep 2022. TCET boys also won two bronze medals in **State level Fencing Competition at University of Mumbai** on 08th December 2022. TCET boys won Silver medal in Water Polo game at **Maharashtra State Olympics** on 12th January 2023.

Tug of War: TCET Boys and Girls team won 1st prize at **TCET Zephyr** on 8th October 2022 and also won 1st Prize at **TGBS Shamshera** on 8th January 2023. They also won Gold in **Vidyut at TIMSR** on 2nd March 2023. Teams also won gold in **Carnival'23 at L.R Tiwari College on 14th March 2023.**

Football: TCET Boys and Girls team have participated in various Football competition at various colleges. Girls Team came **runner up in KJ Somaiya College's Skream** on 1st March 2023. Football Boys team won **first prize in TIMSR** on 2nd March 2023 and also came **runner up in ENERTIA'23** organized by TCET Kandivali on 18th February 2023.

Table Tennis: TCET Table Tennis Boys won **1st Prize** in Table tennis Singles and Doubles at **LR Tiwari College**. Table Tennis Girls won **1st Prize** in Singles at **LR Tiwari College** on 15th March 2023.

Badminton: TCET girls and boys teams have participated in tug of war competition at **TIMSR** and won **1st rank** on 5th March 2023.

Throwball: TCET Throwball team won **1st Prize in LR Tiwari College** on 14th March 2023. Throwball team also came runner up in **VIT College** on 20th March 2023 and **KJ Somaiya College** on 1st March 2023.

Carrom: TCET Carrom team won **5 Bronze in BOSM'22** open sports meet organized by BITS Pilani Rajasthan in Sep 2022.

Technical

TCET has organized Multiple Conferences & Workshop Details all as below. Multicon W - 2017 is a pool of conference and workshop total 6 conferences (ICCCV, ICWET, ICWAME, ICACE, NCASH, CTESD) and two work (EWPPC & IOW) was organized in 2017, total no of paper presented in Multicon - W is 400 plus in that more than 200 paper was present by a student in Multicon-W 2017.

Similarly in 2018 total of Nine conferences (CETE, CAEE, IC-CSOD, CRTCE, DMTE, IC-ACE, N-CASH, NCAER, CTESD) and two workshops (EWPPC & IOW) are organized by different departments and sections, Total of 640 papers are published in the conference among that 281 UG student group and 37 PG student participated & published in a different conference, similarly Inhouse technical paper presentation is organised for second & Third year student.



ADMISSIONS

(As per the guidelines issued by Government of Maharashtra from time to time)

ELIGIBILITY CRITERIA

(As per Maharashtra Unaided Private Professional Educational Institutions (Regulation of Admissions and Fees) Act, 2015 (Mah. Act. No. XXVIII of 2015), and in supersession of the Government Notification, Higher and Technical Education Department No. TEM.2016/CR473 (Part 1)/TE-4, dated 24th April 2017,)

I. UNDERGRADUATE PROGRAMME

(Institute level / Vacant seats against CAP)

ADMISSION AT FIRST YEAR ENGINEERING

A) Eligibility criteria for Maharashtra State Candidature Candidates;

(i) The Candidate should be an Indian National;
(ii) Passed HSC or its equivalent examination with Physics and Mathematics as compulsory subjects along with one of the Chemistry or Biotechnology or Biology or Technical Vocational subjects, and obtained at least 45 % marks (at least 40 % marks, in case of Backward class categories and Persons with Disability candidates belonging to Maharashtra State only) in the above subjects taken together; and The Candidate should have appeared in all the subjects in CET and should obtain non zero score in CET conducted by the Competent Authority.

Or

(ii) Passed Diploma in Engineering and Technology and obtained at least 45 % marks (at least 40 % marks, in case of Backward class categories and Persons with Disability candidates belonging to Maharashtra State only);

B) Eligibility criteria for All India Candidature Candidates;

(i) The Candidate should be an Indian National;
(ii) Passed HSC or its equivalent examination with Physics and Mathematics as compulsory subjects along with one of the Chemistry or Biotechnology or Biology or Technical or Vocational subjects and obtained at least 45 % marks (at least 40 % marks, in case of Backward class categories and Persons with Disability candidates belonging to Maharashtra State only) in the above subjects taken together; and should obtain non zero positive score in JEE Main Paper I or the candidate should have appeared in all the subjects in CET and should obtain non zero score in CET conducted by the Competent Authority. However, preference shall be given to the candidate obtaining non zero positive score in JEE (Main) Paper I over the candidates who obtained non zero score in CET.

Or

(ii) Passed Diploma in Engineering and Technology and obtained at least 45 % marks (at least 40 % marks, in case of Backward class categories and Persons with Disability candidates belonging to Maharashtra State only);

ADMISSION AT DIRECT SECOND YEAR ENGINEERING LATERAL ENTRY

B) Eligibility criteria For Maharashtra State Candidature

Candidate and All India Candidature Candidate:-

(i) The Candidate should be an Indian National;
(ii) Passed Diploma Course in Engineering and Technology with at least 45% marks (40% marks in case of candidates of Backward class categories and Persons with Disability belonging to Maharashtra State only) in appropriate branch of Engineering and Technology from an All India Council for Technical Education or Central or State Government approved Institution or its equivalent;

Or

(ii) Passed B.Sc. Degree from a University Grants Commission (UGC) or Association of Indian Universities recognized University with at least 45% marks (40% in case of candidates of Backward class categories and Persons with Disability belonging to Maharashtra State only) and passed HSC with Mathematics as a subject :

Provided that students belonging to this category shall clear the subjects of Engineering Graphics/ Engineering Drawing and Engineering Mechanics of the first year Engineering Program along with second year subjects.

(iii) Any other criterion declared from time to time by the appropriate authority as defined under the Act.

For more information about Admission log on :
www.dtemaharashtra.gov.in

II. POST GRADUATE PROGRAMME

(1) For Maharashtra Candidature Candidates and All India Candidature Candidates.-

(i) The Candidate should be an Indian National;
(ii) Passed Bachelor Degree in the relevant field of Engineering and Technology or Pharmacy or Architecture from All India Council for Technical Education or Central or State Government approved institutions or equivalent, with at least 45% marks (at least 40% marks in case of candidates of Backward class categories and persons with disability belonging to Maharashtra State only);
(iii) Passed Bachelor Degree in the relevant course of Engineering and Technology or Pharmacy or Architecture as specified in the eligibility criteria for admission to a Post Graduate Degree course of the concerned University for which admission is being sought;
(iv) Obtained Non Zero Positive Score in Graduates Aptitude Test in Engineering (GATE) conducted by Indian Institute of Technology;

Or

(iv) Obtained Non Zero Positive Score in Graduates Pharmacy Aptitude Test (GPAT) conducted by All India Council for Technical Education;

Or

(iv) Obtained Non Zero Positive Score in Graduates Pharmacy Aptitude Test (GPAT) conducted by All India Council for Technical Education;

Or

(iv) For sponsored candidates, minimum of two years of full time work experience in a registered firm/ company/ industry/ educational and or research institute/any Government Department or Government Autonomous Organization in the relevant field in which admission is being sought.

Note : Admission is also subjected to eligibility criteria and subject equivalence of University of Mumbai (UoM) required for University enrolment/ eligibility confirmation.

For more information about Admission to ME course log on : www.dtemaharashtra.gov.in

Engineering Fees F.E. / Direct S.E. / M.E.

Approved fees for the A.Y. 2022-23 by Fee Regulating Authority, M.S.

Fees	UG- F.E (in ₹.)	UG Direct S.E (in ₹.)	PG - F.E (in ₹.)
Total Fees	1,58,376	1,58,376	1,,77,981

The above fees was for academic year 2022-23.Hike in fees is expected for A.Y. 23-24 please contact admin office for fees details.

Important Note:-

*I) Candidates who have appeared for Bachelor degree or equivalent in the relevant field of Engineering/Technology in 2019 should produce Mark sheet/Passing Certificate as per the guidance of Admission Regulating Authority (M.S.)

B.Voc

Eligibility for admission in B.Voc.:

The eligibility shall be 10+2 or equivalent, in any stream.

- H.S.C. from any stream: Science/Commerce/Arts/Vocational

Duration: 3 Years (6 Semesters)

The application forms are available in the Administrative Office on payment of Rs. 1000/- by cash. Forms will be issued and accepted till 20 th June 2023 between 10.30a.m. to 04.30p.m. (Working Days Only)For further details of schedule of Admission process please visit Institute website/Notice Board in person or visit our website www.tcetmumbai.in.

Eligibility test : Students need to clear eligibility test for admission test _____

Course	Fees (in ₹.)
Animation & Graphic Design	1,41,076/-
Artificial Intelligence & Data Science	
Software & Development	1,31,076/-
Data Analytics	

List of Documents

(Three attested copies of each to be attached with the application)

F.E.	Direct S.E.	M.E.
I) CAP Admission Seat Allotment Letter from the MHT-CET (For CAP students only). ii) Marksheets of SSC (Std. X) examination. iii) Marksheets of HSC (Std. XII) / Diploma in Engineering (All Semester) iv) MHT-CET / JEE Main Score card. v) Certificate of Indian Nationality of the candidate. vi) College Leaving Certificate vii) Physical Fitness Certificate from a Registered Medical Practitioner. viii) Domicile Certificate of Candidate.(if necessary) Ix) Migration Certificate (In case of candidate passing qualifying examination from any other board other than Maharashtra State Board of Secondary & Higher Secondary Education) x) All necessary documents required from physically handicapped and reserved category students. xi) Gap Certificate on stamp paper of ₹.20/- duly notarized. (This is for those candidates who have passed HSC/12th Standard in March 2022 or before and presently not studying in any course/institution) xii) Affidavit from Minority status on a ₹ 100/- non judicial stamp paper (only for Linguistic Minority candidates) xiii) AICTE anti-ragging undertaking by students as well as parents on 100 Non Judicial stamp paper, should be Notarized(Format to be collected from Admin Office. Students & Parents also need to fill ONLINE at: Admin Office. xiv) Aadhar Card (Xerox copy)	I) CAP Admission Seat Allotment Letter from the MHT-CET (For CAP students only). ii) Diploma Marksheets (All Semester). iii) Diploma Provisional Passing Certificate. iv) College Leaving Certificate after passing Diploma Exam from last attended College. v) Migration Certificate. vi) Gap Certificate on stamp paper of ₹.20/- duly notarized. (This is for those candidates who have passed Diploma in March 2022 or before and presently not studying in any course / institution) vii) Domicile Certificate of candidate (if necessary) viii) AICTE anti-ragging undertaking by students as well as parents on 100 Non Judicial stamp paper, should be Notarized(Format to be collected from Admin Office. Students & Parents also need to fill ONLINE at: Admin Office. ix) Aadhar Card (Xerox copy)	I) CAP Admission Seat Allotment Letter from the MHT-CET (For CAP students only). ii) S.S.C (Std. X) Marksheets. iii) H.S.C (Std.XII) Marksheets. iv) College Leaving Certificate of B.E./B.Tech. v) B.E. / B. Tech. Final year marksheets. vi) Obtained score in GATE score card vii) Migration Certificate (in case of candidate passing qualifying exam. from any other Board other than University of Mumbai) viii) Domicile Certificate of candidate (if necessary). ix) Documents related to sponsored category student(if applicable). x) AICTE anti-ragging undertaking by students as well as parents on 100 Non Judicial stamp paper, should be Notarized(Format to be collected from Admin Office. Students & Parents also need to fill ONLINE at: Admin Office. xi) Aadhar Card (Xerox copy)

Note: Indian Nationality certificate of the Candidate. In lieu of the "Certificate of Indian Nationality" any one of the following certificate will also be acceptable :-

- The College leaving Certificate indicating the Nationality of the candidate as 'Indian'.
- Indian Passport in the name of the candidate, issued by appropriate authorities.
- Birth Certificate of the Candidate indicating the place of birth in India.

ADMISSIONS

Fee Refund Policy

(Refund of Fees after cancellation of admission by Institution)

- (I) After receiving a duly signed admission cancellation request letter from the candidate as per schedule published by the competent authority, the institution shall cancel the admission immediately and online acknowledgement of cancellation of admission through Institute login and issue a signed copy to the candidate.
- (ii) The refund of fees before cut-off date of admission shall be made within two days i.e. total fee minus the processing charges of Rs. 1,000/- or refund rule shall be as per the guidelines of the appropriate authorities or the State Government as the case may be.
- (iii) If the admission is canceled after the cut-off date of admission declared by the Competent Authority, there shall be no refund except the Security Deposit and Caution Money Deposit.

For more information about refund policy at CAP / Institute Level log on: www.dtemaharashtra.gov.in

• For details of U.G. and P.G. Admissions please visit our College

Note : Any additional documents, if required for admission purpose needs to be produced as and when asked.

Sale of Application Form

FE/DSE/ME admission application forms are available in the Administrative Office on payment of

₹. 1500/ by Cash.

Forms will be issued and accepted between 10.30 a.m. to 4.00 p.m.

from the date of Notification in the newspaper

General Instructions

1. The reporting time for College is 8.30 A.M.
 - ❖ Instructional Timing is from 8.30 A.M. to 4.30 P.M. and 9.30 A.M. to 5.30 P.M. from Monday to Friday.
 - ❖ Academic load compensation & Practice Session may be arranged on Saturday/holidays.
2. Students should be regular and punctual for theory and practical sessions
3. Minimum 75% attendance in each passing head is mandatory for term grant.
4. Attendance for participation/ conduct in extra and co-curricular activities will be granted as per institute norms.
5. In case of leave due to emergency or medical reasons application should be addressed to the Principal for the leave grant through HOD.
6. The College website should be visited regularly.
7. Assignments/ Journal writing /Practical should be completed as per the schedule.
8. All important dates provided by the examination section should be met without fail.
9. Cell phones are not allowed within academic boundaries.
10. All facilities and amenities should be used judiciously.
11. Any illegal activity within the College premises is strictly prohibited.
12. Wearing an ID card on a College campus is compulsory.
13. Formal dress code should be maintained (half-pants, capris, sleeveless T-shirts are not allowed).
14. Discipline and decorum should be maintained within the College premises.
15. Consumption of alcohol, tobacco, drugs, cigarette smoking is prohibited in the Institute Campus. General awareness programs are conducted on regular basis.
16. ERP login will be given to all the admitted students and students need to utilise the same for effect

Note : Apart from above mentioned instructions, other guidelines may be provided time-to-time.

Accepting/Paying Capitation Fee is Strictly Prohibited

In order to ensure transparency in admissions by technical institutions imparting technical education and also in view of the various judgments by Hon'ble Supreme Court of India, All India Council for Technical Education(AICTE), in the exercise of powers conferred under Clause(n) of section 10 of AICTE Act, 1987(52 of 1987), call upon the students, parents and the general public not to pay any Capitation Fee or any other fee other than that mentioned in the prospectus of the institutions for consideration of admission.

Aggrieved students/parents may send their complaint to the Grievance Redressal Committee of the Institution in the first instance. If they are not satisfied with the decision of the committee, they may send their appeal to the "OMBUDSMAN" (as per AICTE Regulation No. 37-3/Legal/2012 dated 25.5.2012) through Registry appointed by the concerned Institution along with evidence of such payment made to the institution.

ANTI-RAGGING

AICTE Notification

As per the notification of All India Council for Technical Education (AICTE) dated 25.03.2009 in connection with prevention and prohibition of ragging in technical institutions, universities including deemed to be universities imparting technical education, notify that :

"All the concerned persons are requested to make note that ragging is totally banned and anyone found guilty of ragging and/or abetting ragging is liable to be punished."

Maharashtra State Act against ragging:

Maharashtra Prohibition of Ragging Act 1999 which is in effect from 15th May 1999 has the following provisions for Action against Ragging:

- a) Ragging within or outside of any educational institution is prohibited.
- b) Whosoever directly or indirectly commits, participates in, abets, or propagates ragging within or outside any educational institution shall, on conviction, be punished with imprisonment for a term up to 2 years and/ or penalty which may extend to ten thousand rupees.
- c) Any student convicted of an offence of ragging shall be dismissed from the education for five years from the date of order of such dismissal.
- d) Whenever any student or, as the case may be, the parent of guardian or a teacher of an educational institution complaints, in writing, of ragging to the head of the educational institution, the head of educational institution shall, without prejudice to the foregoing provisions within

seven days of the receipt of the complaint, enquire into the matter mentioned in the complaint and if, *prima facie*, it is found true, suspend the student who is accused of the offence, and shall, immediately forward the complaint to the police station having jurisdiction over the area in which the educational institution is situated, for further action. Where on inquiry by the head of the educational institution, it is found that there is no substance, *prima facie*, in the complaint received; he/she shall intimate the fact, in writing, to the complainant. The decision of the head of the educational institution shall be final.

- e) If the head of the educational institution fails or neglects to act in the manner specified in section "d" above when a complaint of ragging is made, such person shall be deemed to have abetted the offence and shall, on conviction, be punished as provided for in section "b" above.

Ragging Prevention At TCET

- ❖ Anti-ragging squad is constituted as per AICTE guidelines.
- ❖ Names, telephone nos. of authorities is displayed put on web site. In case of any emergency, the student can contact the authority or hostel warden.
- ❖ Staff members do the necessary counseling from Time-to-time.
- ❖ Surprise / Routine visits to the hostel, College canteen, common room & other sensitive areas by the committee members.

Hostel Facility Available for Girls & Boys

(At Walking Distance from Institute)

Facilities & Amenities :

1. Airconditioned Rooms
2. Washing Machine
3. Refrigerator
4. Microwave Oven
5. Water Purifier
6. Geyser in Bathroom
7. Wardrobe
8. Overhead Cupboard
9. Study Table
10. Window Curtains
11. Dining Space
12. Provision for WiFi Connection
13. 24 x 7 Security (Including lady Security)
14. Elevator Services

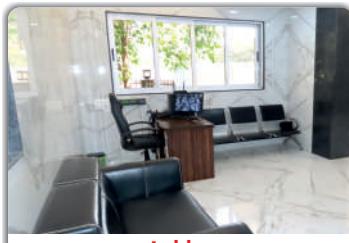
Building Elevation



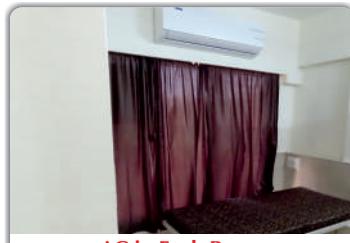
All Images are Actual



24 x 7 Security and CCTV Camera



Lobby



AC in Each Room



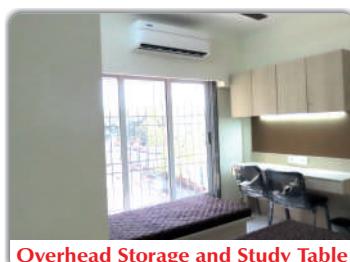
Bed with Mattress



Washing Machine and Oven



Refrigerator & Water Purifier



Overhead Storage and Study Table



Dining Space

Further details about anti-ragging, visit our web site : www.tcetmumbai.in

For Hostel facility Contact: Mr. Rajesh Singh or Harish Shettigar
Cell : 09869647310 / 8451832094

Anti Ragging Committee of TCET for the A.Y. 2022-23
As per the norms given by AICTE (<http://www.aicte-india.org/anti.htm>)

Names	Designation	Committee
Dr. B. K. Mishra	Principal	Head of the Committee
Dr. Kamal Shah	Vice-Principal Head B.Tech (AI&ML)	Member
Dr. Lochan Jolly	Professor & Dean (SSW)	Member (Staff & Student Welfare)
Dr. R. R. Sedamkar	Professor & Director IQAC-NAAC	Member (Faculty)
Mr. Yogesh Bhalekar	Assistant Professor, Dy. HOD E&SH	Member (Faculty)
Mr. Naushad Pathan	PSI, Anti Terrorist Cell, Mumbai Police	Member (Police Administration)
Mr. Wasim Shaikh	Journalism, Sr. Manager Mkt. (Media), Hindustan Times	Member (Local Media)
Mrs. Nisha Malawat	NGO-Abhilasha Foundation Laxmi Chhaya Bunglow, Plot No. 27, RSC 11, Gorai - 2, Borivali West, Mumbai-400 091.	Member (NGO)
Mr. Om Hinge	Student of SE-COMP-A	Member (Fresher student)
Mr. Dheerav Nahar	Student of TE-CIVIL-A	Member (Senior student)
Ms. Roshni Kini	Student of BE-E&TC-A	Member (Senior student)
Mr. Jagdish Mishra	Father of Ms. Janhavi Mishra, Student of BE-IT-A	Member (Parent)
Mr. Ashish Shama	Father of Akshta Sharma, Student of BE-ELEX	Member (Parent)
Mr. Vijay Angawalkar	Father of Advait Angawalkar, Student of TE-MECH-A	Member (Parent)
Ms. Aradhana Manekar	Head activity students mentor & grievances	Member (Faculty)
Mr. Sameer Ghosalkar	Sr. Clerk	Member (Non-Teaching Staff)
Mr. Rajesh Singh	Hostel Warden	Member (Non-Teaching Staff)

Anti Ragging Squad for the A.Y. 2022-23
As per the norms given by AICTE (<http://www.aicte-india.org/anti.htm>)

Names	Designation	Committee
Mr. Rohit Kumar Singh	Assistant Professor-ES&H	Member (Faculty)
Mr. Deepak Shete	Assistant Professor-E&TC	Member (Faculty)
Mr. Rupesh Deshbratar	Assistant Professor-MECH	Member (Faculty)
Mr. Somnath Chinchkar	Assistant Librarian	Member (Non Teaching Staff)

Grievance Redressal Committee

Sr. No.	Name	Designation	Contact No.	E-mail Id	Remark
1	Dr. B. K. Mishra	Principal - TCET	6730 8000	tcet.principal@thakureducation.org	Chairperson
3	Dr. G. T. Thampi	Principal - TSEC	9967729590	gtthampi@gmail.com	Member
4	Mr. Pramod Naik	I/c Joint Director Technical Education	69162300	romumbai@dtemaharashtra.gov.in	Member
5	Dr. R. R. Sedamkar	Professor & Director - IQAC(NAAC)	6730 8000	rr.sedamkar@thakureducation.org	Member

Dr. R. R. Sedamkar will also be the "Ombudsman" of the College. All are requested to take a note of the same & carry out the duties as per the Institute guidelines in order to ensure natural justice to the stake holders.

Students Grievance Redressal Committee

Sr. No.	Name of the Member	Status	Designation
1	Dr. R.R. Sedamkar	Professor Ombudsperson	Director-IQAC NAAC, HOD (Ph.D.)
2	Dr. Rajesh Bansode	Professor Chairperson	OBC Category, MR - IT
3	Dr. Sheetal Rathi	Professor Member	Dean (Academics), Head PG-COMP
4	Dr. Sandhya Save	Professor Member	Activity Head-Education Technology and Consultancy - E&CS
5	Dr. Sanjeev Choudhary	Associate Professor Member	Controller of Examination, Civil Engg.
6	Mr. Rohit Kumar Singh	Assistant Professor Member	Deputy F.E. In-charge, ES&H
7	Ms. Shaileja Menon	Special Invitee	General Secretary (TSDW) Student Member

Women Development/Women Grievance Committee / Internal Complaints Committee

Sr. No.	Name	Designation	Remark
1	Dr. Lochan Jolly	Professor	Dean – SSW
2	Dr. Sandhya Save	Professor (ELEX)	Presiding Officer
3	Ms. Nisha Malawat	Founder, Abhilasha Foundation, Gorai, Borivali (West)	NGO Member
4	Dr. Seema Jagtap	HOD - Civil	Faculty Members
5	Dr. Vidyadhari Singh	Associate Professor - (COMP) & I/C HOD (Cyber Security)	Faculty Members
6	Mr. Prasad Madhvan	Office Superintendent	Non-Teaching Members
7	Ms. Seema Rojin	Non-Teaching Staff (Admin)	Non-Teaching Members
8	Ms. Esha Pandit	BE (IT)	Student Members
9	Ms. Shambavi Joshi	BE (MECH)	Student Members
10	Mr. Ragini Mahajan	BE (Civil)	Student Members



Disability Resource Centre (DRC)

TCET is dedicated to providing full accessibility to all of its programs and services for individuals with physical disabilities (orthopedic, visual / hearing impairment, dyslexia, depression etc.) The Office of DRC is dedicated to providing appropriate and reasonable concessions for students with disabilities, based upon individual needs. This ensures that students receive an equal opportunity to learn, participate in campus life, and grow emotionally and socially, and complete the program of study that will enable them to be self supporting while remaining as independent as possible. For more details visit our website.

AWARENESS: It is conducted through notices, websites & admission brochures.

INSTITUTES MANAGED BY



THAKUR EDUCATION GROUP



Thakur Vidya Mandir
High School & Junior College
(1990)



Thakur College of
Science & Commerce
(1992)



Thakur Polytechnic
(1998)



Thakur College of
Engineering and Technology
(2001)



Thakur Institute of
Management Studies, C D and R
(2001)



Thakur Institute
of Career Advancement
(2001)



Thakur Institute of
Management Studies & Research
(2002)



Thakur Public School
(2003)



Thakur Toonskool
Advanced Animation Academy
(2005)



Thakur Institute of
Aviation Technology
(2006)



Thakur Shyamnarayan College of
Education and Research
(2007)



Thakur International School
(2008)



Thakur School of Global
Education
(2008)



Thakur Shyamnarayan
High School (English Medium)
(2013)



Thakur School of
Architecture & Planning
(2014)



Thakur Vidya Mandir
Global School (Azamgarh, U.P.)
(2016)



Thakur Shyamnarayan
Degree College
(2016)



Thakur Ramnarayan College of
Arts & Commerce
(2017)



Thakur Ramnarayan
College of Law
(2018)



Thakur Global
Business School
(2020)



Thakur Institute of
Hotel Management
(2020)



Thakur Ramnarayan
Public School
(2021)



A - Block, Thakur Educational Campus, Shyamnarayan Thakur Marg, Thakur Village, Kandivali (East), Mumbai - 400 101

Tel.: 022-6730 8000 / 8106 / 8107 Telefax: 022-2846 1890

Email: tcet@thakureducation.org Website: www.tcetmumbai.in www.thakureducation.org