



Success... through
quality education !

H. J. THIM TRUST'S THEEM COLLEGE OF ENGINEERING

Approved By : All India Council for Technical Education (AICTE) New Delhi
Recognised By : Government of Maharashtra & Directorate of Technical Education (DTE)
Affiliated to : University of Mumbai & MSBTE, Maharashtra
A NAAC Accredited Institute

COURSES OFFERED

- **Degree in Engineering** •
Computer Engineering • Information Technology
Computer Science and Engineering (AI & ML)
Mechanical Engineering • Civil Engineering
Electrical Engineering • Automobile Engineering
- **Diploma in Engineering (Polytechnic)** •
Computer Engineering • Mechanical Engineering
Civil Engineering • Electrical Engineering





VISION

To become a Centre of excellence in Technical & Professional education.

MISSION

To commit for high standards in technical and professional education

To impart quality professional education through ICT initiatives and project based learning

To nurture technocrats and professionals with ethics and human values

CONGRATULATION TO OUR UNIVERSITY RANKER



Mr. Naushad Mansuri of Automobile Engg. securing First Rank in University of Mumbai.
Ms. Monika Pathare of Electronics Engg. for securing First Rank in B.E. University of Mumbai.
Mr. Rahul Giri of Automobile Engg. standing Second in University of Mumbai.
Ms. Sharanya Shenoy of IT Engg. for standing Second in University of Mumbai.



It gives me immense pleasure to announce that Haji Jamaluddin Thim Trust's, THEEM COLLEGE OF ENGINEERING at Tarapur, Boisar has commenced from academic year 2009-10. The College has been established with single minded aim to give students a perfect platform to build their future in the field of engineering & technology.

Even though you may ultimately become an engineer, you must while in the college, absorb fundamental values which will make you a man of culture, a dutiful citizen, a friendly neighbour and a man true to himself.

We have qualified, dedicated and hard working faculties. We believe in excellence and strive to work in this direction to achieve our goals and make our college one of the best in the field of education.

We welcome and wish all students seeking admission in our college that it will not merely earn a degree of engineering but will transform the personality empowering to lead a successful life.

ANWAR HUSSAIN J. THIM
CHAIRMAN





The Theem College Of Engineering was founded by Haji Jamaluddin Thim Trust, which promotes the need of enriching youth with quality education.

The College believes in inculcating students with ethos, culture and holistic opportunity for the development of personality. Besides the classroom studies in-line with the syllabus, the College provides students an exposure which put to utility by the students on completion of their graduation.

It is significant that Management of the college puts in extra ordinary efforts for creating sense of over all self responsibility, self respect dignity and self reliance, so that while attaining degree, the knowledge gained is used in a right direction with the same zeal.

We in our stride shall continue shaping and moulding the students by maintaining the pace with global needs.

ABDUL SAMEE SIDDIQUI

VICE-CHAIRMAN

Welcome to a new beginning! A new beginning, where you realize, your true potential, where you create your own path, where you invent a new future, where you become a true leader. It is THEEM COLLEGE OF ENGINEERING in it's beautiful environment which is promoted by the Haji Jamaluddin Thim Trust.



Theem College Of Engg. continues to evolve as each generation of students give its support to further enhance the tradition of excellence in education and extraordinary success.

Theem College of Engg. invites you in its journey towards newer discoveries and invention.

DR. SHAUKAT ALI SHAH

SECRETARY



I am privileged and delighted to be a part of H.J. Thim Trust's THEEM COLLEGE OF ENGINEERING, which is growing at fast pace and thriving hard to gain a respectful standing among the contemporary institutes.

The importance of education in the life of an individual cannot be overstated. It shapes individuals in their formative years and imbues them with values that would govern all their choices in life.

It is said, 'If you are planning for a year, sow rice; if you are planning for a decade, plant trees; if you are planning for a lifetime, educate people'. Indeed, one can even say that the quality of education will determine the destiny of the nation.

Success comes to those, who work hard. And stays with those, who don't rest on the laurels of the past. Let us work together to make Theem COE a success story.

Dr. N. K. Rana

M.Tech (IITB), Ph. D. (IITB)
Director

It is my pleasure to welcome you at Theem College of Engineering, established by H. J. Thim Trust, Mumbai. The institute has witnessed its decennial celebration last year and completed a decade of glory.

Three attributes "Knowledge, Skills and Attitude" are very important for students to succeed in their personal and professional life. Our students gain strong technical knowledge through our well planned Teaching Learning Process. It makes our students competent enough to face future challenges and new trends in the industry.

We have established "Institute Innovation Council (IIC)" which has the different cells to empower our students for inculcating critical, innovative and entrepreneurial thinking.

Our institute is surrounded by more than 3000 industries at TARAPUR MIDC where our students are benefitted through Industrial Visits, Training, Industry based Projects and Interaction with Industry-Experts which enhance their placements.

Students are also encouraged to participate in different co-curricular and extra-curricular activities through the carnival "Jashn-E-Theem" which helps to explore their hidden talents. Theem ensures that our technocrats are not only competent and capable in technology but also good human being and responsible citizens.

Dr. Aqueel Ahmed Shah (M. Tech., Ph. D.)
Principal





Haji Jamaluddin Thim Trust was established in the year 1982 with the laudable objective of providing opportunity of Higher Education to the students. The trust had started a Medical Centre in the year 1982 at Santacruz (West), Mumbai and providing Medical Services & Treatment to the needy & down trodden people irrespective of their religion, caste & creed. The trust is also known for their Philanthropic Contribution in the noble cause of education to students.

The trust has established a college named as THIM COLLEGE, THANE Thane (W) in the year 2004 with the Degree Courses B.Sc. Hospitality Studies (Hotel Management), B.Sc. Computer Science & B.Sc. Information Technology. The college is affiliated to University of Mumbai. This institute is also offering B.Sc. Hotel Management affiliated to YCMOU.

The Trust has taken a step ahead at Tarapur, Boisar (East) in the field of Higher & Technical Education and established THEEM COLLEGE OF ENGINEERING in the year 2009 with the courses in Computer Engineering, Information Technology and Electronic & Telecommunication Engineering. The institute added Mechanical Engineering Course from academic year 2010-11. Institute progressed from here by adding Civil Engineering Programme from academic year 2012-13. Further expansion was initiated by starting Electrical Engineering and Automobile Engineering from academic year 2013-14. With the progression of time the world has seen an increasing use of technology and artificial intelligence. By looking towards the trends, Them College also Ventured into a new branch in Computer Science and Engineering (AI & ML) from academic year 2020-21. The institute decided to start Polytechnic from academic year 2012-13 with the branches in Computer Engineering and Mechanical Engineering under its umbrella to cater to the need of rural area around Boisar. Diploma wing of the Institute is also not behind and it has grown from academic year 2013-14 addition of Civil Engineering as new Branch. Diploma Engineering was further expanded in the year 2020-21 with addition of Electrical branch.

The Trust has decided to establish many more Institutions to impart quality education in various professional courses to serve the nation.





YOUR DESTINATION FOR SUCCESS

THEEM COLLEGE OF ENGINEERING (Theem COE) is amply equipped for providing high - value education. With us education means Right Learning, Right Guidance, Right Direction and Right Support, through our vast and modern infrastructure, contemporary cutting edge technology, capable and skilled faculty and professional approach, we provide holistic education, truly empowering you for the future. In short, ensuring success for you in every way. In today's competitive work environment earning a good academic degree is the first step towards a highly successful career. Give yourself the educational foundation that opens the doors to your future. Institute got further recognition by getting NAAC Accreditation.

APPROVAL & AFFILIATION

THEEM COLLEGE OF ENGINEERING is approved by All India Council for Technical education (AICTE) New Delhi, Directorate of Technical Education (DTE) Maharashtra State & affiliated to University Of Mumbai and MSBTE, Maharashtra.

FACULTY OUR STRENGTH

The faculty consists of highly qualified individuals with excellent teaching skills who focus on professional development and provide a learning environment that encourages student participation. The faculty members are selected based on their academic achievements and professional experiences. At "Theem COE" all faculty members are devoted to the success of their students. They impart knowledge through tested methodologies of learning and also keep up-to-date on the latest technology to stay constantly ahead in every sphere.

CAMPUS

Theem College of Engineering is located in Scenic, pollution free environment on Boisar Chilhar road, Boisar (East) and around 2 K.M. from Boisar railway station in the east. The THEEM COLLEGE OF ENGINEERING campus is spread over 10 acres of land and has all the facilities conducive for holistic education.

OBJECTIVES

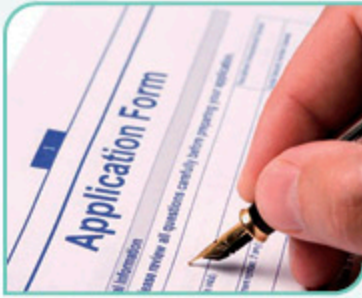
To provide best possible teaching to cover the entire syllabus and advanced topics beyond the syllabus to achieve best results in university exams.

DEGREE COURSES OFFERED

The college offers four years Bachelor of Engineering in the following branches.

Branch	Intake
Computer Engineering	60
Information Technology	60
Computer Science & Engineering (AI & ML)	90
Mechanical Engineering	60
Civil Engineering	60
Electrical Engineering	60
Automobile Engineering	30





ADMISSION PROCEDURE FOR FIRST YEAR STUDENTS

Eligibility Criteria:

1. Eligibility criteria for admissions to be carried at institute level for
 - a) Vacant seats available after Centralized Admission Process (CAP) rounds within sanctioned intake.
 - b) Institute level quota seats.

2. Eligibility criteria for Maharashtra State Candidates and Outside Maharashtra State Candidates for admission to first year of degree courses in Engineering/Technology :

Candidate should be an Indian National and should have passed the HSC (Std. XII) examination of Maharashtra State Board of Secondary & Higher Secondary Education or its equivalent examination with subjects English, Physics, Mathematics and Chemistry / Biotechnology / Biology / Technical Vocational subjects and secured minimum 45% marks i.e. not less than 135 marks out of 300 marks (minimum 40% marks i.e. not less than 120 marks out of 300 marks in case of candidates of Backward class categories and Persons with disability candidates belonging to Maharashtra State only) in the subjects Physics, Mathematics and Chemistry / Biotechnology / Biology / Technical / Vocational subjects added together and obtained positive score in MH CET/JEE (Main) for the respective year.

3. Eligibility criteria of candidates who have passed/passing Diploma in Engineering/Technology and seeking Admission to First Year of Engineering/Technology:

(Against Institute Level Seats / Vacant seats after completion of CAP) Diploma holders who have passed the Diploma course in Engineering / Technology with minimum of 50% marks (45% in case of category students) and medium of instruction as English from the Polytechnics affiliated to MSBTE or AICTE approved autonomous Polytechnics in Maharashtra State (for Maharashtra State Candidates) or such polytechnics situated inside/outside the State of Maharashtra (for Outside Maharashtra State Candidates).

COURSE FEE STRUCTURE

Fee payable for academic year 2021-22 is Rs. 64,000/- (Rupees Sixty Four Thousand Only) fixed by Fee Regulatory Authority (FRA). The fee should be paid in favor of **Theem College of Engineering** payable at **Mumbai** by Demand Draft/Pay Order of any nationalized/scheduled bank.





ADMISSION PROCESS FOR FIRST YEAR STUDENTS

(A) Issue of Application Form & Information Brochure

Application forms for admission under Institute level quota and seats remaining vacant after CAP round, will be available in college office between 10:00 am to 5 pm in all working days.

(B) List of documents to be attached along with Application Form

Candidates seeking admission must submit application Form completed in all respects in office as per schedule / dates announced by Principal of the college. Incomplete applications will be rejected. The copies of certificates attached should be attested by Principal of school/college from which candidate has passed the qualifying examination or Gazetted officer or Special Executive Officer or Teaching Staff of Government college not below the rank of lecturer. Original certificates need not to be attached with application form.

(C) Documents to be submitted for Admission

Attested copies of the following documents are to be submitted with application form.

1. SSC (Std X) mark sheet + 5 sets of Xerox.
2. HSC (Std XII) mark sheet + 5 sets of Xerox.
3. School leaving certificate after passing HSC (Std XII) + 5 sets of Xerox
4. Maharashtra Domicile Certificate.+ 5 sets of Xerox.
5. MH CET / JEE Main Merit Card + 5 sets of Xerox.
6. For Backward Class Candidates: Caste Certificate / Caste Validity Certificate / Non creamy layer certificate with+ 5 Sets of Xerox
7. Nationality Certificate + 5 Set of Xerox.
8. For out of Maharashtra state HSC & Diploma Students :
 - (I) Eligibility Certificate from University of Mumbai + 5 sets of Xerox.
 - (II) Migration Certificate + 5 sets of Xerox.
9. Aadhar Card + 5 sets of Xerox.
10. Five Passport size photograph.
11. Any other document needed as per claim of student + 5 sets of Xerox.

ADMISSION PROCESS FOR DIRECT SECOND YEAR

(A) Eligibility Criteria

Applicant should have passed 3 years Diploma (Polytechnic) recognized by Maharashtra Govt. With minimum 45% in relevant branch.

(B) Criteria for admission

Candidates seeking admission must submit application form completed in all respects in office as per schedule / dates announced by Principal of the college. Incomplete applications will be rejected. The copies of certificates attached should be attested by Principal of school/college from which candidate has passed the qualifying examination or Gazetted officer or Special Executive Officer or Teaching Staff of Government college not below the rank of lecturer. Original certificates need not to be attached with application form.



(C) Issue of Application Form & Information Brochure

Application forms for admission under Institute level quota and seats remaining vacant after CAP round, will be available in college office between 10.00 am to 5 pm in all working days.

(D) Documents to be submitted for Admission

Attested copies of the following documents are to be submitted with application form.

1. SSC (Std X) mark sheet + 5 sets of Xerox.
2. Diploma mark sheet + 5 sets of Xerox.
3. School leaving certificate after passing Diploma + 5 sets of Xerox
4. Maharashtra Domicile Certificate.+ 5 sets of Xerox.
5. For Backward Class Candidates: Caste Certificate / Caste Validity Certificate / Non creamy layer certificate with + 5 Sets of Xerox
6. Five Passport size photograph.
7. Aadhar Card + 5 sets of Xerox.
8. Nationality Certificate + 5 Set of Xerox.
9. Any other document needed as per claim of student + 5 sets of Xerox.



RULES FOR CANCELLATION OF ADMISSION

1. Cancellation of Admission and refund of fees under Institute level quota seats. If any student after seeking the admission under Institute level quota decides to cancel the admission for any reason, the refund of fees will be as per rules. It is made clear that application for cancellation will be considered if and only if the admission is taken provisionally by paying the prescribed tuition fees & submitting the original documents like S.S.C./H.S.C/Diploma Mark Sheets, Leaving Certificate, Eligibility Certificate, Migration Certificate, Domicile certificate etc. as applicable. In case candidate fails to submit any of the said original documents within the permissible time limit (i.e. four working days from the date of admission) the admission shall be treated as cancelled and such candidate is not entitled for refund of fees.

The candidates admitted under Institute level quota seats, for cancelling the admission shall apply in Performa 'O' only (Cancellation form is available at office). The refund of fees shall be applicable as per DTE norms.

2. Cancellation of Admission and refund of fees under Centralized Admission Process: Refund of fees under this category will be as per rules framed by DTE/ARA from time to time.



COURSE FEE STRUCTURE

Fee payable for academic year 2021-22 is Rs. 64,000/- (Rupees Sixty Four Thousand Only) fixed by Fee Regulatory Authority (FRA). The fee should be paid in favor of **Theem College of Engineering** payable at **Mumbai** by Demand Draft/Pay Order of any nationalized/scheduled bank.

DEGREE COURSES OFFERED

The college offers Direct admission to second year of engineering in the following branches.

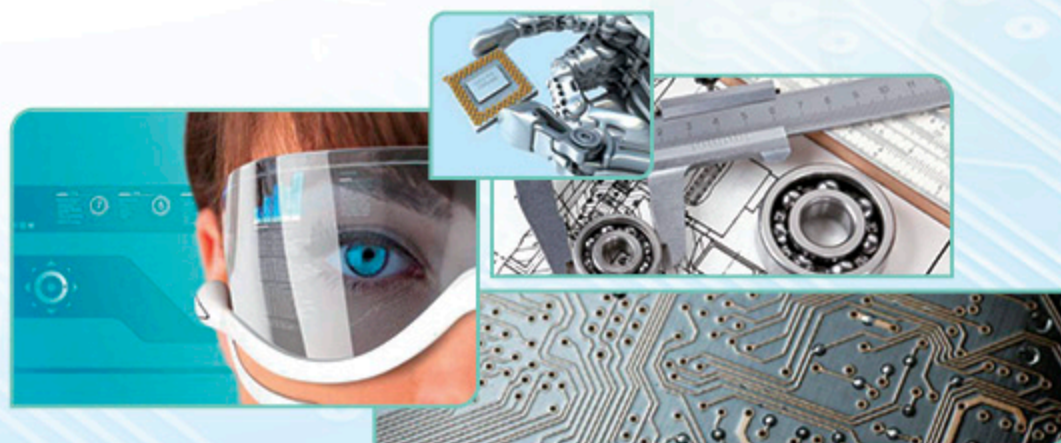
Branch	Intake
Computer Engineering	60
Information Technology	60
Computer Science & Engineering (AI & ML)	90
Mechanical Engineering	60
Civil Engineering	60
Electrical Engineering	60
Automobile Engineering	30



ISSUE OF L.C. AND OTHER CERTIFICATES

Request for Leaving Certificates or Character Certificate, should be made in writing at least seven days in advance stating General Register number, class, section, year and date of leaving. Certificates will be issued only if the tuition fees due are fully paid, all the library books returned and identity Card surrendered.

Leaving Certificates for the students who have failed or who wish to discontinue their studies, will be issued only on submission of written application duly signed by the parents/guardians of students. A fee of Rs. 100/- need to be paid as per the University rules, if L.C. is asked within a year on leaving the institution. Thereafter Rs. 50/- charged for every year subject to a maximum of Rs. 200/- A fee of Rs. 500/- will be charged for issuing duplicate L.C. in the event of having lost or misplaced original L.C. provided the applicant produces an affidavit from the Presidency Magistrate.



REFUND OF DEPOSIT:

Refundable deposit amount will be paid to student on submission of original Fee receipt within a year from the date of leaving the college or due to either discontinuing studies or after passing the degree course. If no claim is made within a year, the amount will be treated as lapsed and transferred to institution funds.

ADMISSION IN OTHER INSTITUTES:

A student who has secured admission in this Institution, cannot take admission in any other institute in between the course without the permission of the Principal, in such case student shall be liable for failure or discontinuity from the college.

NOTICE BOARDS

All students are required to read the notice boards daily for last dates of payment of fees, return of library book, submission of term work & examination forms, shortage of attendance, academic progress, schedule of class tests and dates of university examination etc., failing to do so may lead them into serious troubles by way of fines or other consequences.

MISCELLANEOUS

Head of the institution may refer the appropriate medical authority for ascertaining the physical fitness of the candidate. Head of the institution may verify the antecedents of the candidate through appropriate police authority.

CHANGE IN RULES

The general rules enumerated above may be modified or altered at any time by Principal or Management.

ISK



**ISK TOP 10
THEEM COE
TEAM**



DEPARTMENTS

DEPARTMENT OF SCIENCE & BASIC ENGINEERING

First year Engineering is common to all branches which provides comprehensive and integrated studies of subjects in Engineering Mechanics, Engineering Drawing, Applied Physics, Applied Chemistry, Applied Maths, Basic Electrical Engineering and Computer Programming and Communication Skills. The main aim of these subjects is to develop the basic skills which are prerequisites to Engineering and Technology. This department has highly qualified and well experienced faculty members to make the science and students well versed with the engineering subjects.

APPLIED MECHANICS LAB

Mechanics is one of the core subjects in engineering for all branches. Engineering Mechanics lab is well equipped with all necessary equipments. Engineering Mechanics is a subject to develop the thinking and grasping ability of the students. As a matter of fact, knowledge of Engg. Mechanics is very essential for an Engineer in planning, designing and construction of various types of structures and Machines.

ENGINEERING DRAWING

Engineering Drawing is the language of engineers. It is a starting point of all engineering branches. There is well equipped Drawing Hall which is fully spacious, illuminated and ventilated, make pleasant condition for students. All necessary and required Drawing charts and models are available in Engineering Drawing Hall.

AUTOCAD COMPUTER LAB

Now, the engineering drawing subjects practical are also conducted on computer by using Autocad. There are two fully well equipped separate computer labs for students to conduct drawing experiments. Software Like Autocad, Solid works are used to train students.

APPLIED CHEMISTRY LAB

Chemistry laboratory is well equipped with latest apparatus consisting of redwood viscometer, ensky Marten and Abel's, Flash Point apparatus which can be used for testing lubricating oil to determine viscosity, flash and fire point Flue gas analysis of fuels can be carried out by using orsat apparatus to determine the percent of CO_2 , O_2 , CO in the combustion product. pH of the unknown samples can be determined using pH Meter.



APPLIED PHYSICS LAB

The Applied Physics laboratory is well equipped with latest apparatus of fiber optics, high quality cathode ray oscilloscope, function generator, LASER beam, ultrasonic generator, models of crystal cells, Newton's ring's apparatus and cathode ray tube to measure e/m ratio. A well equipped dark room to perform 'Light' related experiments is available for students.

WORKSHOP

The subject, workshop technology has become increasingly important to the engineers engaged in the production of various types of machines and tools. The ability to work skillfully with hand, can be developed more readily and accurately. When the work to be performed in the shop floor, it is necessary for students to understand both practical and theoretical aspects. Spacious, fully ventilated workshop include Fitting section, Carpentry section, Welding Section, Plumbing Section, Sheet Metal working and Electric wiring etc. are available to students.

COMMUNICATION SKILLS

The department imparts training in business communication skill which is important in the modern technological world. It also focuses on the personality development of the students through various kinds of activities in the college. The department arranges practical sessions for Group Discussion, Business Presentation, Public Speaking and Interview as per the needs of industry. It also helps the students to write business letters, proposals and project reports. The department has developed a state of art communication lab for enhancement of serving and understanding abilities of students.

ENGINEERING DEPARTMENTS

COMPUTER ENGINEERING

The Computer Engineering Department of Theem College of Engineering aims at bridging the gap between the vast resources of information and the student's eagerness to acquire knowledge.

The faculty forms the nerve of the department. We are fortunate to be led by well trained and highly motivated teaching staff. Stalwarts from the industry shall be frequently invited to conduct seminars on topics on various subjects, which in turn also helps the students to keep them abreast with the latest development. The department is equipped with the following labs to conduct practical in various subjects.

- (1) Computer Centre
- (2) Database Lab
- (3) Internet Programming Lab
- (4) Operating System Lab
- (5) Data Structure Lab
- (6) Project Lab
- (7) DSP Lab





INFORMATION TECHNOLOGY

In the world of information technology, computers and the Internet are playing a dominant role in the formative stage. The industrial scene has been witnessing drastic changes on a far wider scale known to mankind due to the application of Information Technology. IT related technologies are also impacting the way content is delivered to customers. Theem College of Engineering is rich in providing a better IT Infrastructure to its students so as to build their IT skills and make them competent in the IT sector. The department is all set to conduct various experiments in the following labs.

- (1) Multimedia Lab (2) Open Source Lab (3) Network Lab (4) Computer Graphics Lab
 (5) Signal Processing Lab (6) Project Lab (7) DBMS Lab (8) Syber Security Lab



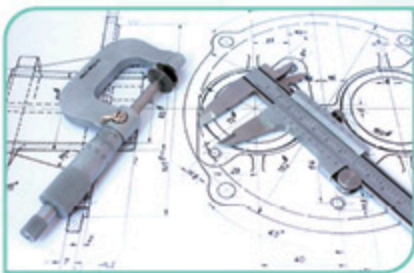


Computer Science and Engineering (AI & ML)

Artificial Intelligence (AI) refer to the development of computer systems that mimic a human brain & enable them to perform task that usually require human Intelligence. Machine Learning (ML) allows them to learn and grow after they are placed to use. Enormous applicators are being

developed in this field. This programme offer a challenging career for the students. An Young & dynamic discipline for futurstic advancement is available for students. The department is prepared with all the facilities to conduct second year to final year experiments in the following labs.

(1) Basic Communication Lab (2) Microprocessor Lab (3) Advance Communication Lab (4) DSP Lab (5) Project Lab (6) R.F. Lab (7) Data Base Lab (8) O.S. Lab (9) AI Lab (9) Machine Learning Lab



MECHANICAL ENGINEERING

Mechanical Engineering department is the new addition to the institute. Mechanical Engineering is an engineering discipline which involves analysis principles, machine design, manufacturing & maintenance of mechanical systems. It is one of the oldest & sought after engineering branch.

This discipline requires a wide understanding of core concepts like mechanics, kinematics, thermodynamics, fluid mechanics, manufacturing technology & heat transfer etc. Institute has developed this department with all modern facilities & laboratories.

(1) Heat & Mass Transfer Lab (2) Machine Design Lab (3) IC Engine Lab (4) Thermal lab (5) Material Technology Lab (6) SOM Lab (7) Fluid Mechanics lab (8) Mechanical Workshop (9) CAD & GUI Lab (10) Refridgeration Lab (11) Project Lab (12) Maker's Vector



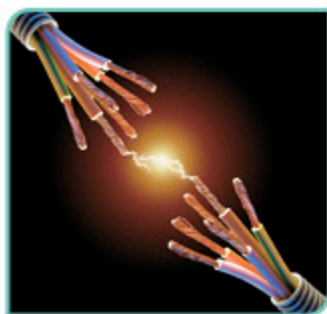


CIVIL ENGINEERING

This is an ancient and core branch of engineering and is always popular amongst students. This branch of engineering deals with material testing, surveying of land, building design and construction of various structures for residential, commercial and other specific purpose. Young

Civil Engineering department of this institute has developed and created following labs to conduct their practical.

- | | | |
|-----------------------------|--------------------------------|------------------------|
| 1) Strength of material Lab | 2) Survey Lab | 3) Fluid mechanics Lab |
| 4) Building Material Lab | 5) Transportation Lab | |
| 6) GEO Technical Lab | 7) Construction Technology Lab | |
| 8) Environmental Engg Lab | | |



ELECTRICAL ENGINEERING

A group of Electrical Engineers who are a pillar of any core manufacturing industry. A core engineering branch to look after all electrical activities, maintenances of machines, design and development of machines, power generation, power transmission etc. Is an important part of institute. The department is growing and equipped with following labs to conduct their experiments.

- | | |
|-------------------------------------|-----------------------------|
| 1) Basic Electrical Engineering Lab | 2) Electrical Machine Lab I |
| 3) Electronics Device Lab | 4) Digital Electronics Lab |
| 5) Electrical Machine Lab II | 6) Control System Lab |
| 7) HVAC Lab | 8) Power Electronics Lab |
| 9) VLSI Lab | |



AUTOMOBILE ENGINEERING

An engineering branch which goes hand in hand with mechanical engineering and mostly deals with automobile design, Aero dynamics, concepts of diesel and petrol engine, heat transfer and fluid mechanics.

A newly introduced programmes in this institute will have all the infrastructure available in mechanical engineering department to its disposal. The following labs are available with this department to conduct their experiments.

- | | |
|-----------------------------|------------------------------------|
| 1) Mechanics Lab | 2) Heat & Mass Transfer Lab |
| 3) I/C Engine Lab | 4) Fluid mechanics Lab |
| 5) Machine Design Lab | 6) Automobile Workshop |
| 7) Strength of Material Lab | 8) Wheel Balancing & Alignment Lab |



DIPLOMA IN ENGINEERING (POLYTECHNIC)

ADMISSION PROCEDURE FOR FIRST YEAR

1. Eligibility criteria of candidates for Admission to First Year of Diploma Engineering

The candidate must have passed secondary school certificate examination of Maharashtra State Board of Secondary and Higher Secondary Education Pune or any other equivalent examination with

- General science (Science Code 72)
- Mathematics (Maths Code 71) and
- English as a subject and at least 35% marks in aggregate.



2. Availability of Seats at Institute level:

- a) Vacant seats available after Centralized Admission Process (CAP) rounds within sanctioned intake.
- b) Institute level quota seats.

COURSE FEE STRUCTURE

Fee payable for academic year 2021-2022 is Rs. 35,000/- (Rupees Thirty Five Thousand Only) fixed by Fee Regulatory Authority (FRA). The fee should be paid in favor of **Theem College of Engineering** payable at **Mumbai** by Demand Draft/Pay Order of any nationalized/scheduled bank.



ADMISSION PROCESS FOR DIPLOMA FIRST YEAR STUDENTS

(A) Issue of Application Form & Information Brochure

Application forms for admission under Institute level quota and seats remaining vacant after CAP round will be available in college office between 10:00 am to 5 pm in all working days.

(B) List of documents to be attached along with Application Form

Candidates seeking admission must submit application Form completed in all respects in office as per schedule/dates announced by Principal of the college. Incomplete applications will be rejected. The copies of certificates attached should be attested by Principal of school/college from which candidate has passed the qualifying examination or Gazetted officer or Special Executive Officer or Teaching Staff of Government college not below the rank of lecturer. Original certificates need not to be attached with application form.

(C) Documents to be submitted for Admission

Attested copies of the following documents are to be submitted with application form.

1. SSC (Std X), (Std IX & Std VIII) mark sheets + 5 sets of Xerox.
2. School leaving certificate after passing SSC+ 5 sets of Xerox.
3. Maharashtra Domicile Certificate+ 5 sets of Xerox.
4. For Backward Class Candidates: Caste Certificate / Caste Validity Certificate / Non creamy layer certificate .with+ 5 Sets of Xerox.
5. Five Passport size photograph.
6. Aadhar Card + 5 sets of Xerox.
7. Any other document needed as per claim of student + 5 sets of Xerox.

ADMISSION PROCESS FOR DIRECT SECOND YEAR

(A) Eligibility Criteria

- The candidate must have passed higher secondary certificate examination (Technical/ vocational) of Maharashtra State Board of Secondary & Higher Secondary Education Pune or any other equivalent examination.
- M.S. Students passing SSC + two year certificate course in ITI in relevant branch.
- Candidate must have taken higher maths (Code No. 71) and General Science (Code No. 72) at SSC level.

(B) COURSE FEE STRUCTURE

Fee payable for academic year 2021-2022 is Rs. 35,000/- (Rupees Thirty Five Thousand Only) fixed by Fee Regulatory Authority (FRA). The fee should be paid in favor of **Theem College of Engineering** payable at **Mumbai** by Demand Draft/Pay Order of any nationalized/scheduled bank.

(C) Criteria for admission

Candidates seeking admission must submit application form completed in all respects in office as per schedule/dates announced by Principal of the college. Incomplete applications will be rejected. The copies of certificates attached should be attested by Principal of school/college from which candidate has passed the qualifying examination or Gazetted officer or Special Executive Officer or Teaching Staff of Government college not below the rank of lecturer. Original certificates need not to be attached with application form.

(D) Issue of Application Form & Information Brochure

Application forms for admission under Institute level quota and seats remaining vacant after CAP round will be available in college office between 10:00 am to 5 pm in all working days.

(E) Documents to be submitted for Admission

Attested copies of the following documents are to be submitted with application form.

1. SSC (Std X) mark sheet + 5 sets of Xerox.
2. HSC (Std. XII) mark sheet + 5 sets of Xerox.
3. ITI mark sheet + 5 sets of Xerox.
4. School leaving certificate + 5 sets of Xerox
5. Maharashtra Domicile Certificate + 5 sets of Xerox.
6. For Backward Class Candidates: Caste Certificate / Caste Validity Certificate / Non creamy layer certificate + 5 Sets of Xerox
7. Five Passport size photograph.
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9. Any other document needed as per claim of student + 5 sets of Xerox.

RULES FOR CANCELLATION OF ADMISSION

1. Cancellation of Admission and refund of fees under Institute level quota seats. If any student after seeking the admission under Institute level quota decides to cancel the admission for any reason, the refund of fees will be as per rules. It is made clear that application for cancellation will be considered if and only if the admission is taken provisionally by paying the prescribed tuition fees & submitting the original documents like S.S.C./H.S.C./ ITI Mark Sheets, Leaving Certificate, Eligibility Certificate, Migration Certificate, Domicile certificate etc. as applicable. In case candidate fails to submit any of the said original documents within the permissible time limit (i.e. four working days from the date of admission) the admission shall be treated as cancelled and such candidate is not entitled for refund of fees. The candidates admitted under Institute level quota seats, for cancelling the admission shall apply in Performa 'O' only (Cancellation form is available at office). The refund rules of fees shall be applicable as per DTE norms.
2. Cancellation of Admission and refund of fees under Centralized Admission Process: Refund of fees under this category will be as per rules framed by DTE from time to time.

DIPLOMA COURSES OFFERED

The college offers First year Diploma engineering in the following branches.

Branch	Intake
Computer Engineering	60
Mechanical Engineering	60
Civil Engineering	60
Electrical Engineering	60





LIBRARY

Library has been successfully catering to the knowledge and information needs of students and staff of the college. SOUL Software recommended by the UGC is being implemented for all the library house keeping operations providing Online Public Access catalogue to search books and journals available in the library.

There are reading rooms for students and staff separately. Internet multimedia centre and reprographics centre which provides unlimited internet access and reprographics facilities. Internet and multimedia center is facilitated with 10 MBPS dedicated lease line internet connection.

Total Library Area	-	12000 Sq. Ft.
Reading Hall Capacity	-	550 Nos.
Total No. of Titles	-	6400 (Degree 3900 & Diploma 1500)
Total No. of Books	-	23,400 (Degree 18000 & Diploma 5400)
National Journals	-	68 & International Journals - 26
Internet Service-Online access to E-Books, E-Journals & E-Library facility available to all students.		

SPORTS & CULTURAL ACTIVITIES

College has created indoor & outdoor games facilities for the students to keep them fit & to develop a sportsmanship spirit. The following sports were organised at Inter Collegiate level successfully and several Engineering and other colleges from Thane & Palghar District actively participated.



OUTDOOR GAMES

- Football Court
- Volleyball Court
- Kabaddi
- Cricket
- Tug of war
- Athletics

INDOOR GAMES

- Carom
- Chess
- Table Tennis
- Badminton



The college annually organises its techno cultural festival "**JASHN-E-THEEM**" on grand scale, where the students enthusiastically participated in Dance & Singing Competitions, Dramas, Mimicry, Quiz, Robotics, Technical Paper Presentation etc.

Eminent personalities from various fields were invited as the dignitaries to grace the occasion.

INDUSTRIAL VISITS

Institute organised many Industrial visits for its students to reputed Industries and Research organisation like TAPS, NPCIL, JSW, TATA STEEL, CAMLIN, RELIANCE POWER, HYDROFRONTER GENERATION etc.

Training and Placement Cell



Prof. Raees Ahmad Shaikh
TPO, Theem College of Engineering

TPO Message

The T&P (Training and Placement) Cell of Theem College of Engineering, Boisar not only acts as a facilitator for training and placement but also works towards overall development of the students. It primarily works as a liaison between industry and institute. Theem COE is putting all its efforts in this direction to develop Engineers who can be groomed into industry-ready technocrats.

Training and Placement Cell

The Training & Placement Cell of Theem College of Engineering has been in the forefront of activities, bringing corporate close to the campus and encouraging them to establish facilities to cater to the needs of the students. It plays a decisive role in counselling and guiding the students for their successful career, which is a pivotal interface between the stages of completion of academic program of the students and their entry into the job market. Its aim is to provide career guidance and placement opportunities to all students studying in Theem College of Engineering. The Cell sincerely believes in imparting comprehensive training to the students to face the challenges of the dynamic and demanding job market and build a successful career for themselves. Special **Skill Enhancement Training Programs** have been customized for students so as to meet the industry requirement.

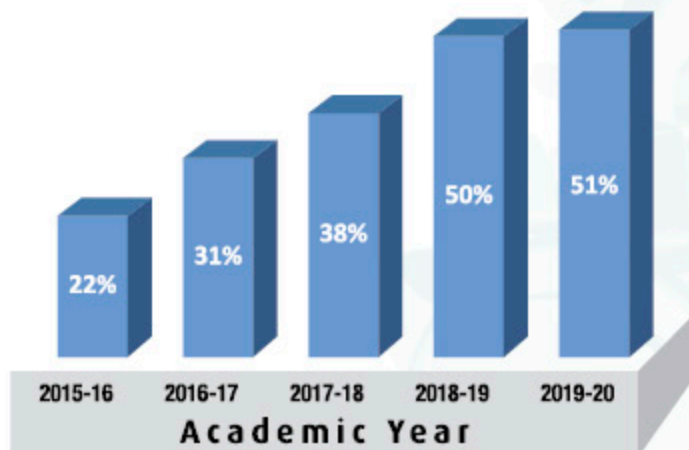
Activities Carried Out By T&P Cell

1. To establish and maintain contacts with Industries.
2. Train the students round the year on employability skills required in the job market. Mentor and counsel the students to orient and expose them towards career requirements.
3. Give industry exposure to the students by arranging frequent industrial visits and conducting workshops and seminars by industry experts.
4. Invite companies for Internships and Placements at Campus.
5. Maintaining relationship with our Alumni who are excelling in their professions and are holding responsible positions in leading companies across the globe.

Affiliation and MOUs

To cater Vision and Mission of T&P Cell, we have MOUs/tie up with countless professional organizations like Campus Credential, BOAT, NEAT, TCS, Infosys, CADD centre, TestBook, Examly, NPTEL, TIMA, Green Leaf, Mission Career and Coursera etc.

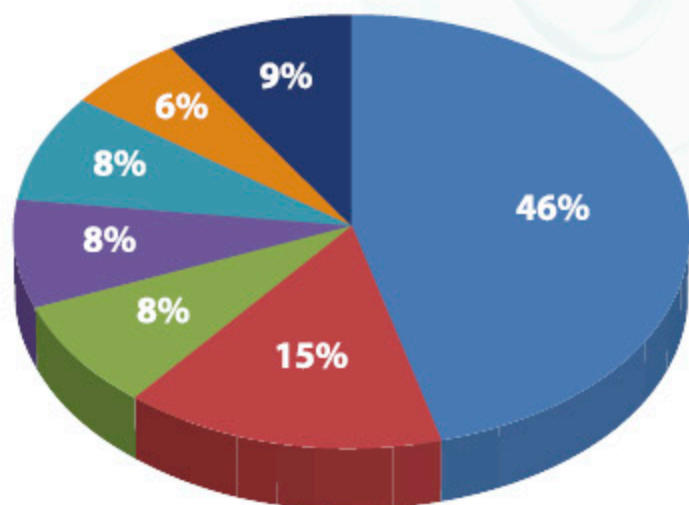
Placement Statistics



150+ Companies Associated with us for placement assistance



Placement Domain



and many more...

PROUD ALUMNI OF THEEM

THEEM'S ABROAD ALUMNI



Sharanya Shenoy
Information Technology

Innovation Data Scientist

Version1

Dublin Ireland, Ireland



Kunal Jadhav
Computer Engineering
Senior Android Engineer

Backbase

Amsterdam, Netherland



Pooja Ghadshi
Information Technology
Problem Solving Specialist

Hive Logistics

Germany



Swapnil Modak
Computer Engineering
Network Engineer

San Luis Valley Rural Electric/Ciello

Alamosa, Colorado, US



Nikhil Pawar
Computer Engineering
Technology Developer

Barclays

New York City Metropolitan Area



Anand Parmar
Computer Engineering
Senior Lead

Brillio

Austin, Texas Metropolitan Area



Shyamini Nair
Computer Engineering
Technical Program Manager

Amazon Tax Platform Services

San Francisco, California

COLLEGE OF ENGINEERING



Rizwan Syed
Information Technology
Senior SW Developer

Thoghfocus

📍 Bengaluru



Nikita Narendra Mhatre
Information Technology
SW Engineer

Application SW Centre (ASC) IIT Bombay

📍 Mumbai



Akhtar Mahmood Ansari
Information Technology
Senior Consultant

Capgemini

📍 Mumbai



Hiren Bhatt
Computer Engineering
Product Manager

Fassos

📍 Mumbai



Pooja Rai
Information Technology
Manager

Version1

📍 Mumbai



Hasmat Ali Iqbal Khatri
Information Technology
Business Analyst-II

Version1

📍 Hyderabad



Prashant Jadhav
Information Technology
Senior System Administrator

Version1

📍 Mumbai



Vaibhav Sarkale
Electronics & Telecomm.
Consultant

Version1

📍 Mumbai



Pradip Mule
Electronics & Telecomm.
Consulting Engineer

Cisco Systems (India) Private Limited

📍 Bengaluru



Umesh Yadav
Computer Engineering
Senior Software Engineer

Tech Mahindra

📍 Maharashtra



Bhagyshri Shukla
Computer Engineering
Senior software engineer

L&T Infotech

📍 Mumbai



Vignesh Rajagopal
Computer Engineering
Assistant Manager

ValueLabs

📍 Mumbai



Bhavya Tavadia
Computer Engineering
Senior SW Developer

Cisco

📍 Bengaluru



Krupesh Shinde
Automobile Engineering
Service Engineer

Kia Motors

📍 Mumbai



Akshay Rana
Automobile Engineering
Process Engineer

Saati America's Corporation

📍 Mumbai



Murtaza Goawala
Automobile Engineering
Production Head

Tembo Global Industries Ltd.

📍 Mumbai

THEEM COLLEGE



Flag Hoisting



Sports Competition



Convocation



Rankers Felicitated by Vice-Chancellor



Go-kart Team



**Jashn-e-Theem
Inauguration**



Poster Painting Competition



National Conference THEEM-2020



Kerala Floods Relief by Theem's NSS Team



International Conference HWWE-2020



Lokmat The Trend Setters Award
by Hon'ble Bhagat Singh Koshiyari
Governor of Maharashtra



Dr. Ali Irani
Ex-Physiotherapist,
Indian Cricket Team



Mr. Talat Aziz
Renowned Ghazal Singer



Ms. Sharda Raut, SP Palghar
Orientation Programme



Captain Bhushan
Indian Coast Guard Services



Mr. Gayakwad, DSP Palghar
Tree Plantation



Mr. Deepak Bhawe
Vice President Viraj Steel



State Level Kabaddi Competition
On behalf of MSBTE



Dr. V. M. Mohitkar
Director/MSBTE



Mr. Anil Kumbhare, SP Palghar
Mr. Saeed Ahmad, Chief Editor Urdu Times



1st Cyber Crime Awareness Programme
in rural areas by Indian Government



1st Rank in Mumbai University



Mega ATV Championship Team



TEACHING AND NON-TEACHING STAFF OF THEEM COLLEGE OF ENGINEERING





COLLEGE DISCIPLINE

1. The college gives great importance to discipline & the same must be scrupulously observed by all students.
2. Failure to comply with any of the rules, regulations or requirements notified from time to time will lead to strict disciplinary action.
3. Students must attend all classes, tutorials & Practicals according to the timetable. Absence from any of these classes, without the permission of the Principal may lead to loss of term. If the attendance of students in any subject is not found to be 75% in both the terms, their admission forms for Board Examination are liable to be detained by the Principal.
4. Students are advised to attend all lectures & practicals punctually & regularly. Absence for single lecture will be considered as absence for the whole day. In case of sickness, a leave application should be submitted to college office along with a medical certificate.
5. Unfair means during examination: students adopting unfair means at the examination may be debarred or strict disciplinary action will be taken against them.
6. Students must do nothing either inside or outside college that will any way interfere with its orderly administration and discipline. They should not communicate any information or write anything about the college to the press without the permission of the college.
7. Students are liable to lose their terms of disobedience, misconduct, misbehavior or for any act of serious indiscipline.
8. Students must take care of the college property. Any damage done to the property of college, disfiguring walls, windows & fittings or breaking furniture and such other things in breach of discipline and will be punishable as such.
9. Smoking, Tobacco Chewing, Drugs, spitting etc. are strictly prohibited in the college premises.
10. No Picnics, Socials, Excursion or tours shall be arranged without the prior written permission of the Principal. The same can be obtained by applying in the prescribed form at least one week prior to the date of trip. If the student join unofficial picnic or tour, the college shall not be responsible for the safety of student.
11. Students wearing obscene dress, will not be allowed in the campus & strict action will be taken against them. No student shall wear improper dress like knee high skirt or Short & Short shirt or low neck shirts.
12. Disturbance by irrational playing of instruments : No radio, transistor, tape recorder, mobile phones or musical instrument are permitted to be played in the campus. Any student found in possession of these instruments is liable for disciplinary action.
13. Student should read the notice displayed on the college notice board regularly.



ACTION AGAINST RAGGING

Maharashtra Prohibitions of Ragging Act 1999 which is in effect from 15th May 1999 has the following provisions for Actions against Ragging.

1. Ragging within or outside of any educational institution is prohibited.
2. Whosoever directly or indirectly commits, participates in, abets, or propagates ragging within or outside and 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.
3. Any student convicted of an offence of ragging shall be dismissed from the educational institution and such student shall not be admitted in any other educational institution for a period of five years from the date of order of such dismissal.
4. Disciplinary Action Committee is formed to ensure discipline in the college & confirmation to Rules & Regulation.
5. Supreme Court of India petition (s) No. 24295/2004 in case the applicant for admission is found to have indulged on ragging in the past or if it is noticed later that he has indulged in ragging admission may be refused or he shall be expelled from the educational institution.
6. An undertaking related to this cause has to be submitted by all the students duly signed by them & their parent.

OTHER FEATURES



CAFETERIA

Cafeteria has spacious canteen with hygienic environment which provide food and prompts service and caters to needs of all the students and staff.



Cafeteria is available for all the students and staff. The canteen is open from 9:00 am to 6:00 pm. There is a wide variety of North and South Indian cuisine and the students enjoy the pleasure of eating in the break. Cool water with Aqua Guard for drinking is available.



BUS SERVICE

College has its own fleet of 9 buses plying from Boisar Station to the college campus. They are comfortable and safe.



ADMINISTRATION OFFICE

Life spent in service is the only fruitful life..... Silent and immaculate staff.....



Shaping
your
Professional
Careers



Success... through quality education!

COLLEGE LOCATION HOW TO REACH BY TRAIN



Local Train good frequency between Churchgate to Dhanu

Institution is offering Facilitation Centre (FC) facility approved by DTE for Engineering Students.

Success... through quality education!