



Your Platform to Build a Bright Future

Admission Brochure A.Y. 2016-17



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

Zagdu Singh Charitable Trust's (Regd.)

THAKUR COLLEGE OF ENGINEERING & TECHNOLOGY

(Approved by AICTE, Govt. of Maharashtra & Affiliated to University of Mumbai)*

• ISO 9001 : 2008 Certified • Accredited Programmes by National Board of Accreditation, New Delhi**

* Permanent Affiliated UG Programmes : • Computer Engineering • Electronics & Telecommunication Engineering • Information Technology (w.e.f. A.Y. 2015-16 onwards)

** 1st time Accredited UG Programmes : • Computer Engineering • Electronics & Telecommunication Engineering • Information Technology

*** 2nd time Accredited UG Programmes : • Computer Engineering • Electronics & Telecommunication Engineering • Information Technology • Electronics Engineering (2 years w.e.f. 01-07-2016)

There are many Institutes providing engineering education, but a few like **TCET** are Trendsetters!



VISION

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

MISSION

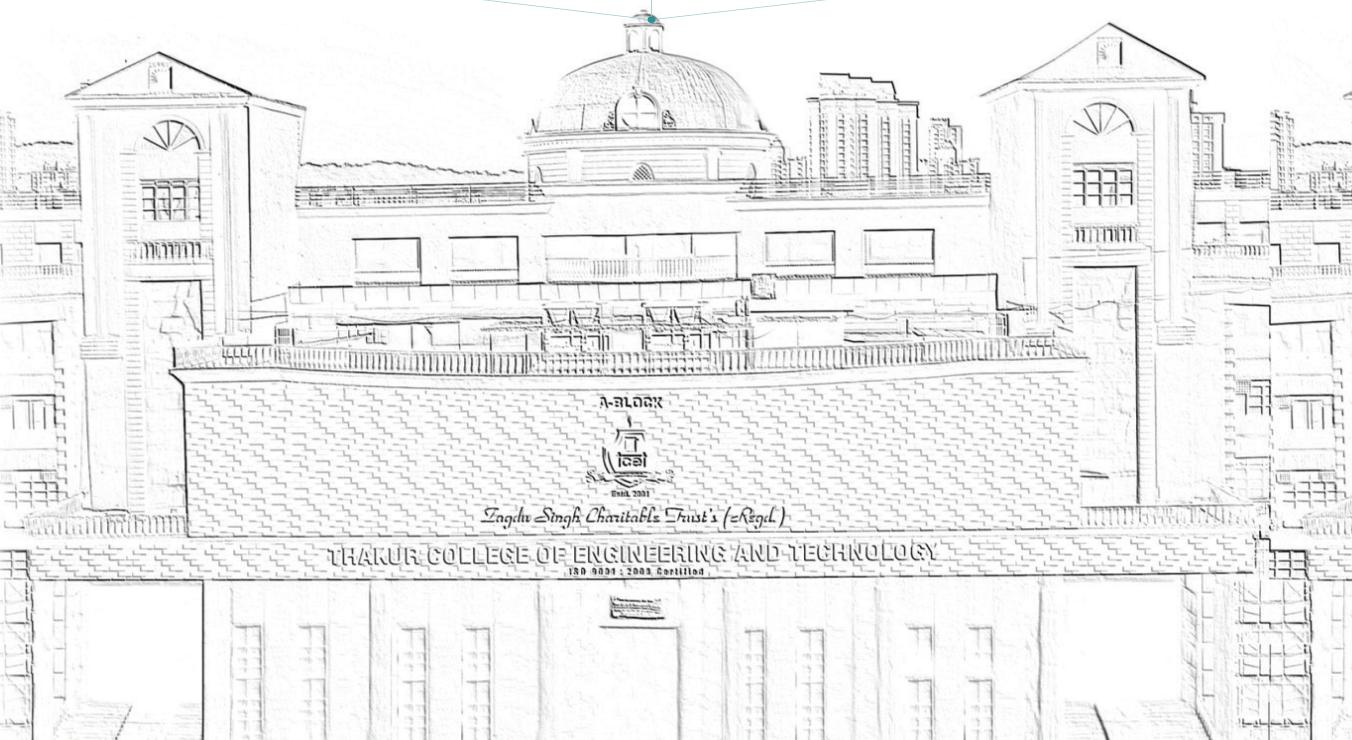
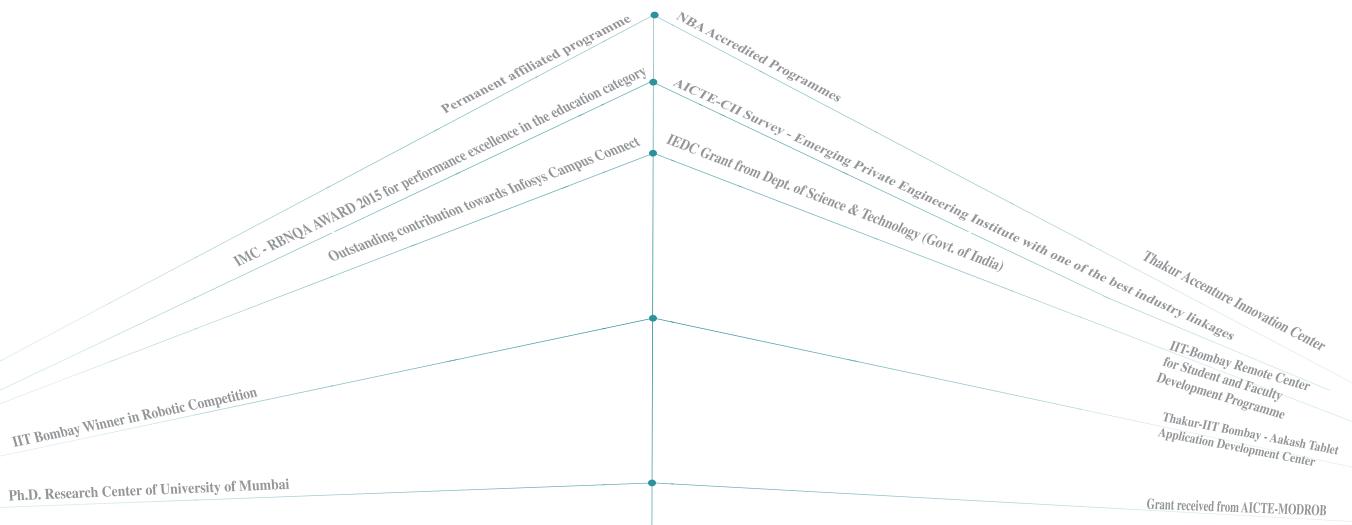
To provide state-of-the-art infrastructure and right academic ambience for developing professional skills as well as an environment for growth of leadership and managerial skills to students which will make them competent engineers to deliver quality results in the industry.

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

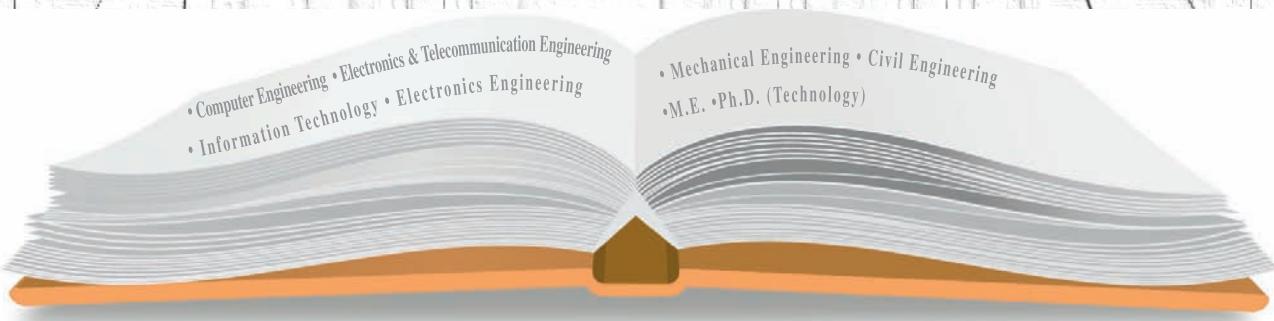
CORE COMPETENCIES

- State-of-art infrastructure: Well equipped & spacious classrooms, laboratories, Remote Centre, Learning Resource Centre, R&D Centre and Centre of Excellence (CoE)
- Academic Excellence: Outcome based Education, Resource Book, Faculty Diary and Teacher-Guardian Program etc
- Service Excellence: Admissions, Examinations and Professional Placement



• Computer Engineering • Electronics & Telecommunication Engineering
• Information Technology • Electronics Engineering

• Mechanical Engineering • Civil Engineering
• M.E. • Ph.D. (Technology)





Workshop



Physics Laboratory



Chemistry Laboratory



Computer Laboratory



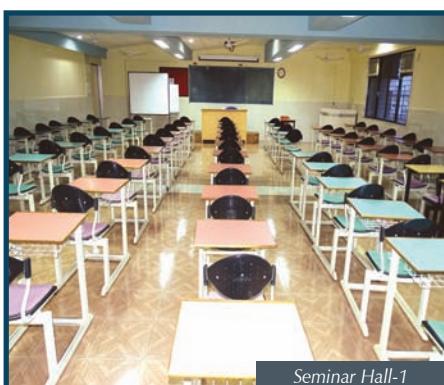
Machine Shop



Strength of Material Laboratory



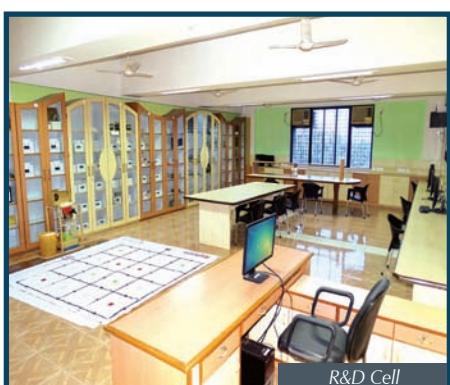
CNC Laboratory



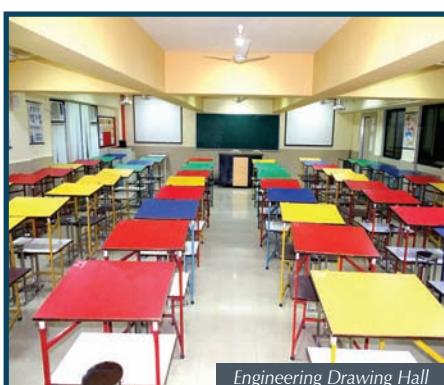
Seminar Hall-1



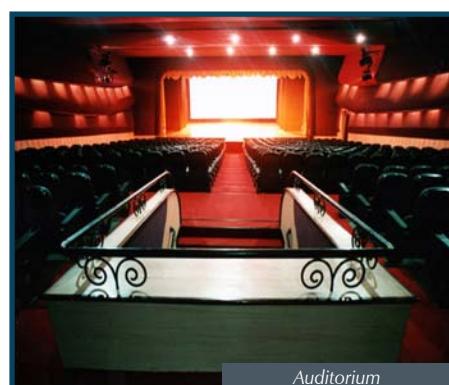
Seminar Hall-2



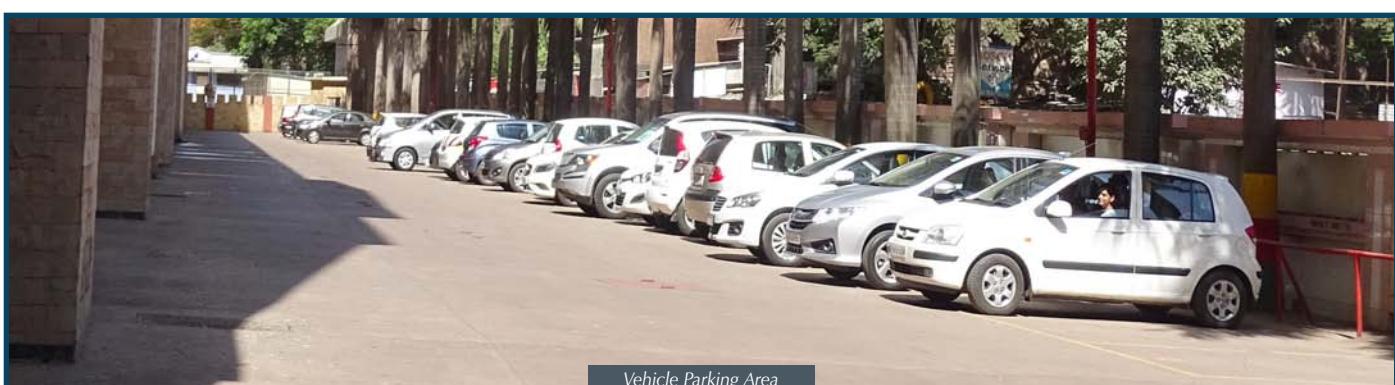
R&D Cell



Engineering Drawing Hall



Auditorium



Vehicle Parking Area



Principal with NBA Team visited during
12-14th Feb. 2016

Dr. B. K. Mishra, Principal receiving a trophy from Higher
Education Summit 2015 for Excellence in Education initiative

The Principal and His Team receiving IMC RBNQA Award 2015 from
Mr. F. C. Kohli, Former Dy. Chairman, Tata Consultancy Services

Testimonial - Stakeholders & Messages

Sr. No.	Page No.
1. Testimonial-Parents	2
2. Chairman's Message	3
3. Testimonial-Corporates	4
4. CEO's Message	5
5. Testimonial-UG Students	6
6. Principal's Message	6
7. Testimonial-M.E. Students	8
8. Message from Dean (Academic)	9
9. Testimonial-Ph.D. (Technology) Students	10
10. Message from Dean (R&D)	11
11. Testimonial-Alumni & Faculty Members	12
12. Message from Dean (Student & Staff Welfare)	13

Institute Profile and Courses

13. About the Institute	14
14. College Infrastructure at a glance	16
15. Institutional Activities in nutshell	20
16. Institutional Growth	22
17. Academic Performance	24
18. TCET Advantages...Best practices	25
19. Your Platform to Build a Bright Future	26
20. Quality Assurance	27
21. Marching Towards Excellence	28
22. TCET Institute Recognition	29
23. Courses offered	31

Departments, Sections / Cells and Centres Profile

Sr. No.	Page No.
24. U.G. Departments Profile	32
25. P. G. Departments Profile	59
26. Ph.D. Department Profile	65
27. Important Sections	66
28. TCET's Centre of Excellence	71
29. Advanced Centre for Learning	74

Achievement, Activities & Student Professional Forum

30. TCET's Publication	77
31. Glimpses of various institutional activities 2015-16	78
32. Important Activities	80
33. Students' Forum	82
34. Student's Major Achievement	91

Admissions and others

35. Admission Process	92
36. List of documents required	93
37. Fee Refund Policy	94
38. General Instructions	94
39. Anti Ragging	95
40. Disability Resource Centre	98
41. Accepting / Paying Capitation fee is strictly prohibited	99
42. Grievance Redressal Committee	99
43. Women Development/Women Grievance Committee	99
44. Scholarship	100

PARENT'S TESTIMONIALS

TCET provides good opportunities to the students to develop their career by organising many seminars and other activities. Faculty are qualified and friendly with students. -Ananda, F/o B
Rahul Ananda TE CMPN

College Campus is very neat and clean...All faculties are friendly and clear our queries. I am happy that my ward will have a good future and progress well. -S. S. Mehta, M/o Shruti Mehta - BE CMPN

The college has a mentoring system which no other college follows, to oversee the progress of students. The college organizes parent's teacher meeting every semester which also no other college organizes. - Sandeep Kothari, F/o Harsh Kothari- FE IT-A

Co-ordination is very good and teachers are helpful. -Mr. Sunil Prabhu, F/o Ankit, SE, Civil

TCET is a famous college in Mumbai for its infrastructure and placement and also for good teaching. -Ms. Reshma Tiwari, M/o Ankit SE, Civil

Good Initiative for Industry visit / introduction for software such as CAD/ ETABS. Try to tie with GUJARAT -AMBUJA knowledge Centre for Lecture & Workshops -Parents of Saurav Gokhale, SE Civil

The parents are always informed about the progress of their child every month. If a student is not progressing well the teachers provide their support. Raichand Haria Father of Viral Haria- FE CMPN-A

My daughter did well in extra-curricular areas as well as in leadership qualities. I really appreciate and thank the college authorities for the same. Mr. Suhas Shettigar F/o Neha-SE Mechanical

Professors are very co-operative & talented .they guide the student for building up their career -Parents of Mr. Arshish Umrigar BE ETRX

The college is always well maintained. The infrastructure is good. The faculties are well qualified and extremely supportive. The college not only encourages the students in academics but also in extra co-curricular activities. -Hitesh Shah, F/o Het Shah- FE MECH-B

Good Campus and Good facilities are provided to student. Overall, very good Institute in the Mumbai suburbs! - Tania Bagadir, M/O Junaid BE IT B

It is a privileged to see my daughter studying in one of Mumbai's premier institutes. The Faculty are good - Vandana Jain, M/O Prachi SE IT B

I am very happy with the infrastructure of the college. Good discipline is maintained! Quality of Education is good! -M/o of Mr. Ankit Tiwari BE EXTC

CHAIRMAN

V. K. SINGH



“ In the modern world, technology has taken a giant leap and has seeped into every aspect of our lives. Each new development paves the way for more refined future advancements and a more comfortable life. The need of the hour is to further nurture and cultivate the technical acumen by imparting holistic education which meets the global requirements of quality, relevance and excellence. Furthermore, globalization has had a tremendous impact on the education sector. Against this background, education providers relentlessly strive hard to make a significant contribution in the education sector.

We, at TCET have taken the task upon ourselves to provide all round education that meets quality

standards. At the same time, we also endeavor consistently to achieve a symbiosis of technical development and human values. We provide the best academic ambience, quality education and state-of-the-art infrastructural facilities of international standards in keeping with our mission statement. All this reflects in our consistent excellence in academic results in university examination, active participation of our students in state and national level events, our competitive placement record, mutually beneficial industry-institute tie-ups, and worthy recognitions from the outside world.

I proudly welcome you all to TCET, and I am confident that the campus life you will experience at TCET will make these formative years of your professional life worth remembering!

TESTIMONIALS

CORPORATE

I think this is the best way I have seen to conduct a workshop.

The support of students and faculty is excellent! My best wishes to your organization

*-Mr. Ashutosh Singh,
CDAC, Juhu, Mumbai*

Very aspirational group and committed to make a difference

*- Mr. Jagan Reddy,
Vice President
Mahindra & Mahindra*

It is always a pleasure to be at TCET and interact with the faculty Great!!

*- Dr. Dalbir Virdi,
Strategic Advisor to Chairman
Datamatics*

I spent the summer after my 3rd year in Mumbai interning at TIFR and it was a privilege and pleasure to give a lecture to so many intelligent and lovely students. Best wishes to the college

*- Mr. Srinivas Devadas,
MITEECS, Cambridge*

I have never seen such belongingness amongst staff who support the activities of institute and the credit goes to able leadership ...

*- N. N. Wadode
Dy. Director, Board of Apprenticeship Training (BOAT)*

It is one of the best institutes in Mumbai University. People are very nice! Give very good hospitality.

It has a bright future for all the students and staff of this institute

*- Dr. S. D. Nawale, Principal
NBN Sinhgad CoE,
Solapur*

I was impressed with the facilities & logistic preparation. The hospitality, interaction were all good.

There was good turnaround of students and the interaction was very healthy

*- Ms. Divyesh Mehta
Accenture*

Very good facilities and hospitality overall. Good turnover for students

*- Mr. Vikesh Joshi
Hexaware*

Excellent Experience, Awesome teachers, co-ordinator and loving students

*- Nazia Abdullah
Software Engineer
LiquidHub India Pvt Ltd*

CHIEF EXECUTIVE OFFICER (CEO)



KARAN SINGH

“

Education has always been essential for growth and development of a nation. In the present scenario, against the backdrop of globalization and modernization, technical education has the power to bring about socio-economic growth and provide the impetus to develop our nation in all regards. Understanding this latent potential of technological development, we, at Thakur College of Engineering and Technology have taken up the cudgel to provide quality technical education and to shape and mould engineers who will contribute towards our nation.

We are committed to promote in our students

the pursuit of individual excellence through participation in a range of academic, cultural and social activities. Our guiding principle is to provide quality education and infrastructural facilities to our students. This has been made possible through the support of motivated, experienced and dedicated faculty and staff members. Furthermore, our institute's collaborations with renowned industries and MNCs have resulted in successful placement of our students in reputed companies.

I assure each new entrant in the campus that TCET will provide a strong foundation to build your future, while contributing significantly to the society in general and the world at large!

TESTIMONIALS

U.G. STUDENTS

TCET is the new emerging technical institution which helps to guide and create Professionals, in every engineering field. This institution provides the best equipments for every practical approach of any technical topic.

-Ravi Chamer, BE ETRX

My experience at TCET has been as holistic as one could ever expect. The college provides me with not only the facilities and mentorship to excel at academic but also with flexibility to do extra curricular activities.

-Varsha Jha, BE IT A

This college has helped me a lot to gain knowledge about subjects, the faculty members have helped me in curriculum activities as well as extra curricular activities. College will have a major contribution in me for becoming a great engineer

-Ms Shalaka Birje, TE-IT

Good infrastructure, experienced and cooperative faculty make life at TCET pretty good. TCET provides all technologies trending in market to grow more and more practical.

Prashant Raina, TE IT B

The name is enough to show the technical & cultural path to the new emerging talents of India which may result in enhancement of personal as well as professional skills of the students.

-Sheshmani Yadav, TE ETRX

College has offered me and my classmates lot of support since admission to study process. Apart from this, the college has world class infrastructure and has been awarded IMC-RBNQA award.

Shubham Vishwakarma
SE CMPN

The college provides us with the mentor facility which is useful academically and non-academically as well to build up our personality.

-Prajkta Malakar
F.E.MECH-A

College not only helped us improve academically but also provided us with the moral support to be an active member in extra co-curricular activities like the technical fest Zephyr and the cultural fest Sojourn. Opportunities to participate in intra-SPARK and Inertia sport fest have given us a chance to explore the sportsmanship within ourselves.

F.E. EXTC-A

TCET is one of the best colleges and I am happy to be a part of it as it provides good facilities and canteen with infrastructure. It has improved the technical skills of students by organising technical fests.

-Bhavik Gedia, TE Mechanical

TCET is an excellent Engineering college. The infrastructure is superb and the faculties and staff members are very supportive. The learning environment is very good

-Rishabh Prakash, TE CMPN

TCET is a wonderful institute with excellent placement opportunities and a good infrastructure. The teachers here are very hard working and put a lot of efforts to teach the students. The ambiance of TCET is very good.

Ishita Gupta, F.E.CMPN-A

Studying becomes easy, informative and cherisable if it is practiced in a environment where the atmosphere is filled with knowledge and ambience is full of affirmative. I proudly can state that I am gaining knowledge in an institute which to provide all of this. Being a part of TCET gives me the guidance for future as well as moulds my present.

- Pratiksha Singh
SE CMPN

- The most supporting staff a student can desire - Properly maintained infrastructure with well equipped laboratories and classrooms. - Great opportunities in terms of Training & Placement.

-Yuska Patel,
TE Mechanical

Our experience with TCET has been very memorable. Every new day comes with another wonderful learning experience.

-Meghna V Amin &
- Akash Shah
SE Civil

PRINCIPAL

Dr. B. K. MISHRA



"There are two educations one should teach us how to make a living and the other how to live" - John Adams

“

Today the student community is showing a greater inclination towards quality engineering programme as it provides rewarding global professional career with maximum advantage of their investment. It also empowers the students with life skills to face the challenges at national and international level through critical and problem solving skills. TCET is one of the institutions with proactive approach to provide quality education and empower the students with professional and life skills.

TCET is one of the premier institutions under the umbrella of Thakur Education Group (TEG). The institute's aim is to nurture young talents in the field of engineering and technology as per global needs. Therefore, apart from teaching the university prescribed syllabus, TCET also works on meeting professional practices and industry requirements by conducting workshops, training and value added courses on technical and life skills.

The institute has grown from strength to strength which can be seen from the development of the state-of-the-art infrastructure, well equipped laboratories, modern library, classrooms equipped with modern teaching aids and multimedia projection facilities, centre of excellence sponsored by industry etc. These facilities utilized by highly competent and experienced faculty are instrumental in creating a better teaching-learning environment with the platform of quality education.

To support the teaching learning process institute also organizes a number of national and international events focused on students' overall growth and development and have produced toppers and rank holders at the university. It is a known fact that with bright academics, students achieve excellence in their professional career. Therefore, under Systematic Education Plan and Monitoring (SEPM), institute is carrying out number of activities under curricular, co-curricular and extra-curricular with weightage as 50:30:20. It helps the students to shape the professional career to become a successful technocrat/ techno-manager/techno-scientist.

As a mark of excellence the institute is the only engineering college in Maharashtra to have won IMC Ramkrishna Bajaj National Quality Award in the Education Category for cycle 2015. The programmes of the institute have been accredited twice by National Board of Accreditation. Also the institute is accredited by many software and core industry and is preferred centre for campus and pool placement and various industry oriented value added programmes. The institute also nurtures entrepreneurship skills where institute has established R & D cell and incubation centre.

Therefore, the aspiring students looking for rewarding career through engineering education at UG and PG level are invited to join the institute to shape their future career through professional education and training at par with international standards.

Wish you all the best for rewarding career with bright future!

TESTIMONIALS

M.E. STUDENTS

The College provides excellent infrastructure. It enables me to pursue my ME with my Career. Its a progressing college with a wide range of opportunities given to students in industry, research and entrepreneurship.
-Apurva Joshi, ME-IT

Its a brand providing the best knowldwge. It give a policy of earn and learn. It has the best infrastructure.
- Mayuri Panchal, ME-IT

TCET has helped me gain numerous skills that will improve my academic, career & goals. TCET has helped in exploring my research interest by providing the necessary infrastrucutre and facilities.
-Valentina Rodrigues
ME-IT

TCET is a well established college in varied branches. It has a good ambience which is very encouraging for studies. Faculties are very supportive and motivate students to achieve great success in academics as well as other activities.
-Chintan Panjwani, ME CMPN

TCET has well organized structure of highly trained and professional teaching. The staff enable the students to get "Industry ready"
-Rohit Thakur, ME CMPN

TCET helped me to evolve not only as a student but also as a professional. PG at TCET is a road to success.
Manish Shanbhag-ME CMPN

TCET helps to reshaping a student from mediocrity to excellence, making one distinguishable from the regular crowd.
- Yash Shah, ME CMPN

This institute provides excellent and well qualified teachers for PG students. Thank you TCET for giving me an opportunity to pursue my M.E.
-Radhika Khaparele,
ME IT

TThe college brings out the best in the students It also provides excellent resources and faculty to the PG students to achieve their dream goals.
- Ankita Chakor, ME EXTC

Thakur College of Engineering helps the students to bring out the best in them. Well experienced faculties are there to guide the students to achieve their goals.
-Ms. Lavanya Natarajan ME, IT

TCET educates students in a very creative way and encourages them to think out of the box. I had huge support from both, staff and trainers who would go out of their way to help me.
-Priyanka Bembere,
ME EXTC

I am feeling very greatful as TCET ME student. Main features of TCET is well equipped labs, experienced and supportive faculties, excellent placement opportunities and great environment for achieving your goals.
-Supriya Dicholkar, ME EXTC

DEAN (ACADEMIC)

Dr. R. R. SEDAMKAR



"Education is the manifestation of the perfection already in man." -Swami Vivekanand



Dear Students,

Warm Welcome!

The biggest challenge for today's engineering educational institutions is to accommodate the ever changing aspirations of younger generation. We at TCET, continuously put efforts to accommodate these aspirations by fine tuning the academic delivery mechanism with innovative teaching - learning practices keeping focus on all-round student development.

Our aim is to prepare academically rich and professionally competent engineers with sensitivity towards society's issues. With planned actions, monitoring and control, we will be able to come up with desired results in moulding our future generation for bright future in their endeavours.

We believe, "Engineers create the best out of a given situation and Engineering careers are not built in comfort zones".

I welcome you all to TCET for a fruitful learning journey!

TESTIMONIALS

Ph.D.(TECHNOLOGY) STUDENTS



The subject expertise of academic staff, the teaching ability of academic staff, course content, course organization, research activity, learning support all these parameters are excellently met by TCET-EXTC Ph.D. department

Ms. Mujawar Nazneen,
PHD/EXTC/14/05

The institute is growing excellently in all the aspects at national and international level, so every aspirant feels proud about it.

Mr. Ujval Chaudhari,
PHD/EXTC/14/02

Pursuing Ph.D. is a totally new experience for me. One year journey of the course added new dimension to my knowledge and depth of understanding under the guidance of Dr B K Mishra sir a man of dedication and positive attitude.

Ms. Jaisudha Koti,
PHD/EXTC/14/04

I am currently registered for the Ph.D. program at TCET. The course work was conducted in a very systematic manner. The academic ambience of the college is excellent with a major thrust given to research.

Mr. Dhananjay Tekchand,
PHD/EXTC/14/08

DEAN (R&D)

Dr. KAMAL SHAH



"Research is creating new knowledge." -Neil Armstrong

“ Thakur College of Engineering and Technology (TCET), recognizing the importance of research, has initiated rigorous R&D activities in campus. We have envisioned becoming a well known name in research and development activities, and these are actively encouraged at department as well as institute level. For this, well equipped laboratories various Centre of Excellence in collaboration with industries like Tata Tech, Texas Instrument (USA), Intel ARM Process are also established for enhancing skills of students. “Incubation Centre” is a big step toward developing supporting budding entrepreneurs in society and other facilities have been established at the institute and additional facilities can be availed as per requirements.

The performance of any R&D centre is measured in terms of publications, patents, conferences/seminars organized, funding received and industrial consultancy. We, at TCET, have taken strong steps to achieve these targets and are continually moving towards further success in these domains. Moreover, being a researcher requires inspiration and constant dedication which is nurtured and encouraged at our institute.

I, as the Dean of Research and Development, invite all the students joining the institute in first year, after diploma, post graduate and doctorate level to make use of the facilities and resources offered by the institute to nurture their talent and contribute their ideas for the growth of R & D Culture!

TESTIMONIALS

ALUMNI

My four years at Thakur College of Engineering and Technology were an interesting and educating experience for me. It was during this time that I got introduced to the vast field of Computer Science, my career path. Something that would stay with me for the rest of my life. Coming from a Biology background, I only had a faint idea about what the technological field held. But since then, I have learnt a ton of things and have been consistently intrigued about the working of Computers, Networks, Databases, etc.

- Lavanya Singh (CMPN Batch 2012)

I gained a lot of exposure by participating in the co-curricular and extra-curricular activities. ICWET helped me understand and get an idea about the standards that are used for publishing papers and journals and the cultural events such as Sojourn helped me make new friends and also taught me managerial and social skills. I find these skills have helped me develop as a person and I feel more confident when interacting with people even in a formal event.

Saurabh Singh (IT Batch 2013)

All in all, I can summarize my experience at TCET as one that has helped me shape my life in a positive way and attain a go-getter attitude..

- Vaibhav Sharma (IT Batch 2006)

The alumni meet that has been started at the college is a great way to get in touch with professors and friends and share our experiences with them. It also helps to get valuable advice in the next steps to be taken in terms of one's career.

- Amit Keshari (EXTC Batch 2015)

TCET has emerged as a big brand among the premier institutes in India. It is a great privilege and honor to be associated with the vision of the management in becoming an internationally renowned institute.

- Kiran Bhandari, Associate Professor & Dy. HOD (CMPN.Dept.)

We, at TCET, are like a family who stay together in all ups and downs. TCET has given every opportunity to us to excel us in every aspect of education.I am proud to be in TCET!

- Jyoti Kori, Asst. Professor (ETRX Dept.)

TCET provides a dynamic environment wherein the faculty always get an exposure to develop his teaching and leadership skills. It feels great to be a part of an esteemed institute.

-Rupesh Deshbhratar, Asst. Professor (Mech. Dept.)

TCET is the platform where every faculty member can upgrade their knowledge dynamically and professionally. It is my pleasure to be a part of TCET family.

- Neha Kapadia, Asst. Professor (IT Dept)

Very suitable for the employee, and experience from this organization is very beneficial to everyone. This organization has given its most important contribution in Teaching Learning revolution. College encourages entire employees as well as student for their versatile development through every possible way like FDP, SDP, Bridge Course, STTP, Seminars, workshops etc.

- Rutuja Shinde, Assistant Professor (Civil Dept.)

FACULTY

TCET has always encouraged the faculty members to upgrade their knowledge and skills by organizing FDPs and seminars workshops.

I am proud to be part of this institute which provides state-of-the-art infrastructure to work efficiently.

- Aradhana Manekar, Asst. Professor (EXTC.Dept.)

TCET has given every opportunity to us to excel us in every aspect of education.I am proud to be in TCET!

- Jyoti Kori, Asst. Professor (ETRX Dept.)

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-Rupesh Deshbhratar, Asst. Professor (Mech. Dept.)

DEAN (STUDENT & STAFF WELFARE)

Dr. LOCHAN JOLLY



"The roots of education are bitter but the fruit is sweet" -Aristotle

“ **W**elcome to all the students joining Thakur College of Engineering and Technology.

Education is not just a process of giving knowledge for a future job but a lifelong process which creates an understanding of moral and ethical values to guide one's life and make one responsible citizen of the country.

Our students represent our hopes and dreams. We at TCET create an atmosphere of reverence for education and a healthy environment where along with academia, activities like curricular, co-curricular and extra curricular mould our students and spur them to be the brightest and the best.

At TCET to develop the skills to make our students brightest and the best various events are organized by professional bodies, Student Council and NSS unit throughout the year. Some of the major events are:

- Zephyr - A technical fest which is organized by the professional bodies of the institute
- T-Spark - An Intra College sports event organized by Student Council of the institute
- Enertia – An Inter College sport event organized by Student Council of the institute, under flood lights is the unique feature of TCET,
- Sojourn - An annual Cultural event organized by Student Council of the institute

I wish all the students of TCET, a fruitful and educative journey.

ABOUT THE INSTITUTE

The Thakur College of Engineering & Technology (TCET) was established in academic year 2001-02 with a clear objective of providing quality technical education in tune with international standards and contemporary global requirements. The College is recognized by All India Council for Technical Education (AICTE) & Govt. of Maharashtra and is affiliated to the University of Mumbai (UOM). All the courses at the U.G. level, eligible for accreditation in 2011 i.e. Electronics & Telecommunication (EXTC), Information Technology, IT and Computer Engineering CMPN) were accredited by NBA for three years w.e.f. 16.9.2011. Moreover, these programmes are also given permanent affiliation w.e.f. A.Y. 2015-16 onwards.

The Institute applied for 2nd time accreditation for its UG Programmes i.e. EXTC, IT and CMPN, and 1st time accreditation of Electronics Engineering (ETRX) as it became eligible after three batches passed out in 2015. All programmes were accredited for 2 years w.e.f. 01-07-2016. Institute will be applying for permanent affiliation of ETRX programme.

TCET is a private self financed linguistic (Hindi speaking) minority institute since its inception.

Institute is located in the western suburbs of city at Thakur Village, Kandivali (E), Mumbai. It is well connected by western express highway, western railway and the domestic airport.

Why TCET?

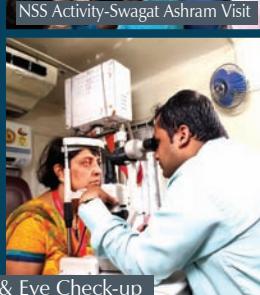
Academic

- F.E. result higher than University average result
- Final Year B.E. results more than 85%
- 80% or more students pass with Distinction/First Class
- Success rate is 85%
- Around 20% qualify in competitive examinations viz. GMAT/ GRE/TOFEL/ GATE/CET/CAT

Faculty

- 165 committed and dedicated faculty members for A.Y. 2015-16
- More than 30 senior faculty members
- 15:1 Student-faculty ratio
- 26 faculty with Ph.D., 1 faculty submitted Thesis and 33 pursuing Ph.D.
- 83 faculty with M.E. /M.Tech./M.Phil.
- 22 faculty pursuing M.E./ M.Tech. / M. Phil.
- More than 30 guest faculty / visiting faculty
- Large number of publications
- Active participation and organization of seminars/workshops/training programmes

Life at TCET...





Faculty Members



Non Teaching Staff

The management's commitment to excellence and relevance in technical education is reflected in the marvelous infrastructure that is comparable to the finest institution of its type in the country. The imposing five-storied building, housing state-of-the-art computer laboratories, spacious classrooms, well equipped laboratories, workshops, computer centre with server room, a well-stocked library, wide and well lit clean corridors and a large canteen, conference hall, seminar halls has set new standards in providing facilities of international level.

The sprawling campus with lawns, gardens, playgrounds, parking lot and a temple ensures the right academic ambience essential for a centre of higher education.

At TCET, the importance of faculty is well understood and is reflected in qualified, experienced and permanent teaching staff in all departments. A closely monitored quality assurance mechanism ensures proper coverage of syllabus within a right time frame. Additional coaching in comparatively difficult topics in various subjects and group mentoring are some of the healthy practices followed at TCET. Bridge courses and other training programmes prepare the student for professional acceptance in industry with an edge over the others at national and international levels.

Application of modern technology in teaching- learning process and effective day-to-day governance of the college makes TCET unique. Key initiatives like teacher-guardian scheme, book bank scheme, induction of resource books, yearly organisation of events (like Multicon-W, technical and cultural festivals etc.) make TCET an institute with a difference. Thus, within just 15 years of its existence, TCET has carved out a niche for itself as one of the leading engineering Colleges under Thakur Education Group and University of Mumbai.

Student's Training

- ➡ Regular training programmes under Student Development Programme (SDP)
- ➡ Training includes : Soft skills, Aptitude test, Industry oriented professional knowledge
- ➡ Soft skills / Software training under corporate Campus Connect Programme
- ➡ Training programmes conducted by internal faculty as well as the experts from the industry

Key Facilities

- ➡ **Computational Facilities-** 1027 Computers on LAN
- ➡ **INTERNET connectivity-** Leased line with 54 MBPS to support virtual classroom, webinar, on-line learning, evaluation and assessment research etc.
- ➡ **Laboratory -** 72 well equipped labs in 6 engineering departments and H&S department for First Year Engineering
- ➡ **Sports -** One of the best facilities for out-door / in-door sport events
- ➡ **Telephone Landline -** MTNL & Tata-communication (PRI-Line)
- ➡ **Drinking Water -** BMC connection with water cooler & purifier on every floor
- ➡ **Electric Supply -** Tata power with no load-shedding. In case of emergency portable generators are arranged by TATA power
- ➡ **Sick Room -** Room with 2 beds & First-Aid facilities
- ➡ **Common Facilities -** Auditorium, Canteen, Seminar Halls R&D Cell, Incubation Centre etc.

Campus Placement

- ➡ One of the best placements in the city
- ➡ More than 70 companies visit the campus
- ➡ 281 students from Batch-2016 placed till date
- ➡ Pool campus for many blue-chip companies since A.Y. 2006-07

COLLEGE INFRA

The College offers superlative infrastructure which provides conducive environment and the right academic ambience for the students. 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 plays host to most of the seminars, inaugural and valedictory function that are a part of the many technical festivals / conference / 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 more than 600.

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 manner. Each classroom has the seating capacity upto 80. Institute has six seminar rooms well equipped with audio-visual, smart boards-INTERNET Wi-fi connections and the seating arrangement viz cluster, class room, theatre, conference arrangement etc. Seating arrangement varies from 26 to 150.



Hardware Laboratory



Audio-Visual room



Classroom



Seminar hall with conference room seating arrangement



STRUCTURE AT A GLANCE



Workshop

Infrastructure at a glance

Class Rooms	:	45	Seminar Hall	:	06
Tutorial Rooms	:	18	Auditorium	:	01
Laboratories	:	72	Cafeteria	:	01
Computer Centre	:	01	Canteen	:	01
Language Laboratory	:	01	Pantry for Staff	:	01
Central Library	:	01	Work Shop	:	02
Department's Library	:	05	Drawing Hall	:	02

Laboratories / Workshops

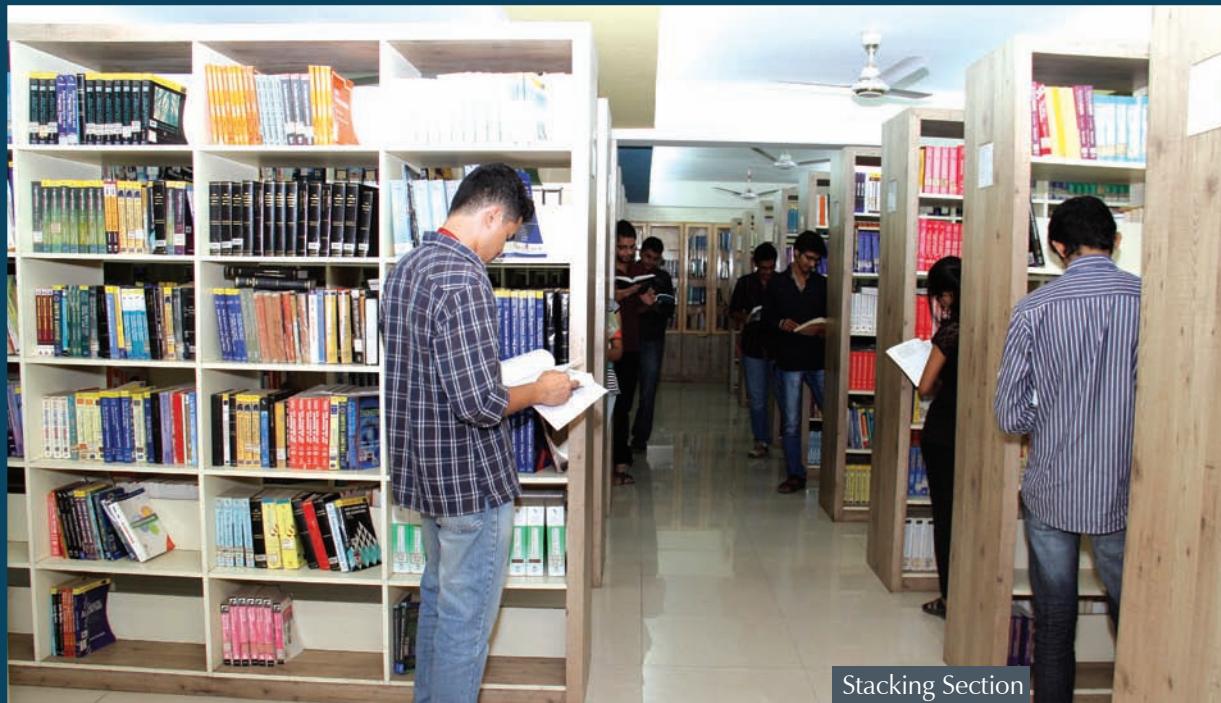
The college takes pride in its well-designed and well equipped laboratories and workshop that cater to the need of students. The laboratories of Applied Sciences (Physics & Chemistry) are amongst the best in the city of Mumbai. These laboratories are exclusively used for First Year Engineering (F.E.) 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 etc.

R&D & Incubation Centre

Thakur College of Engineering and Technology (TCET) with its motto of imparting excellent and proficient world class academic training has started R&D activities in campus. It has



Auditorium



Stacking Section



R&D Laboratory

COLLEGE INFRA

envisioned to become a well known name in research and development 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. The performance of R&D Cell is measured in terms of publications, patents, conferences/seminars organized, funding received, industrial consultancy, etc. So, TCET is also steadily marching towards success in these domains. Incubation centre with approx. 4000 sq ft is added in the TCET Extension Centre in collaboration and funding from Department of Science and Technology, Govt. of India.

Cafeteria

The College accommodates a large number of students in cafeteria. At a time more than 200 students can be served. Highly nutritious, quality food with wide varieties are made available for students at affordable prices. Proper hygiene is maintained.

ICT Infrastructure

Institute has an excellent infrastructure consisting of Local Area Network (LAN) on which 1027 computers are connected for INTERNET access.



College Canteen

STRUCTURE AT A GLANCE

Network Infrastructure highlights

- Robust Network with High End Servers with 1027 Dell/HP Desktops and Workstations as Windows/Linux clients. Microsoft Campus Agreement Licences.
- Network configured with Gigabit CISCO backbone switches, installed on Windows/Linux servers on optical Fibre Backbone
- Fortinet firewall & Symantec antivirus for security through campus agreement.
- Campus Surveillance system with 175 CCTV cameras and high end DVRs.
- High Speed leased line connectivity in all classrooms & laboratories connected with Internet/Projection Facility

Recreation Room

In order to enjoy recreation during break / vacation, various facilities for indoor sports have been developed in the boys' and the girls' common rooms. Some of the facilities include: table tennis, carom, chess etc.

In front of the recreation room there is a large and wide common space for self study which is in addition to the library space available on fourth floor.

Sports Ground

Adjacent to the college there is a large playground of 3.5 acres suitable for all kinds of sports activities. Sports facilities developed in the ground includes: volleyball, badminton, throw-ball, foot-ball, cricket, kabaddi and many more outdoor events. Three cricket practice pitches are available for net practice. The Thakur Cricket Stadium is also used to promote cricket.



Institutional Activities in a nutshell



NSS (poster making competition)



Zephyr



Semester Review



Convocation (UOM)

Classification

Curricular Activities			
Scope	Objective	Outcome	Ideal Period & Weightage
To conduct engineering programme as per the syllabus of University of Mumbai.	To ensure the success of students in university examination by ensuring 100% syllabus coverage, and through regular practice.	Academic result in university examination (subject / courses) and eligibility for placement in proportionate with quality objective.	Semester as per academic calendar. Weightage - 60%
Co-curricular Activities			
To address the gaps that exist between the UOM curriculum, industry requirements and professional demands.	To equip the students with knowledge of industry trends, challenges and opportunities professional practices and standards.	Increases employability and professional acceptability. Better professional career and placement.	Semester break and weekend (preferably Saturday). Weightage - 30%
Extra-curricular Activities			
To promote cultural, games & sports and social connect programme	To develop overall personality with focus on confidence building, developing self esteemed, team spirit, social connectivity, moral values and ethics.	Overall personality growth / development with leadership and managerial skill.	During semester, at the end of college hours preferably 5.30 p.m. to 7.30 p.m. and some special days as mentioned in academic calendar. Weightage - 10%

Key Activities

Curricular - University	Scope	Schedule
1. Student Validation	To segregate the students as per academic performance and provides additional academic guidance and coaching accordingly.	July & January
2. Semester Orientation Program (S OP)	To update the students with semester plan, academic conduct, subject foundation etc.	July & January
3. Semester Conduct	To conduct academic as per UOM curriculum for 15 weeks.	July (Odd) & Jan. (Even)
4. Continuous Evaluation	Students' evaluation during the semester on continuous basis to ensure learning effectiveness	Throughout Semester
5. Semester End Examination	To assess student at the end of semesters by University of Mumbai.	May / December

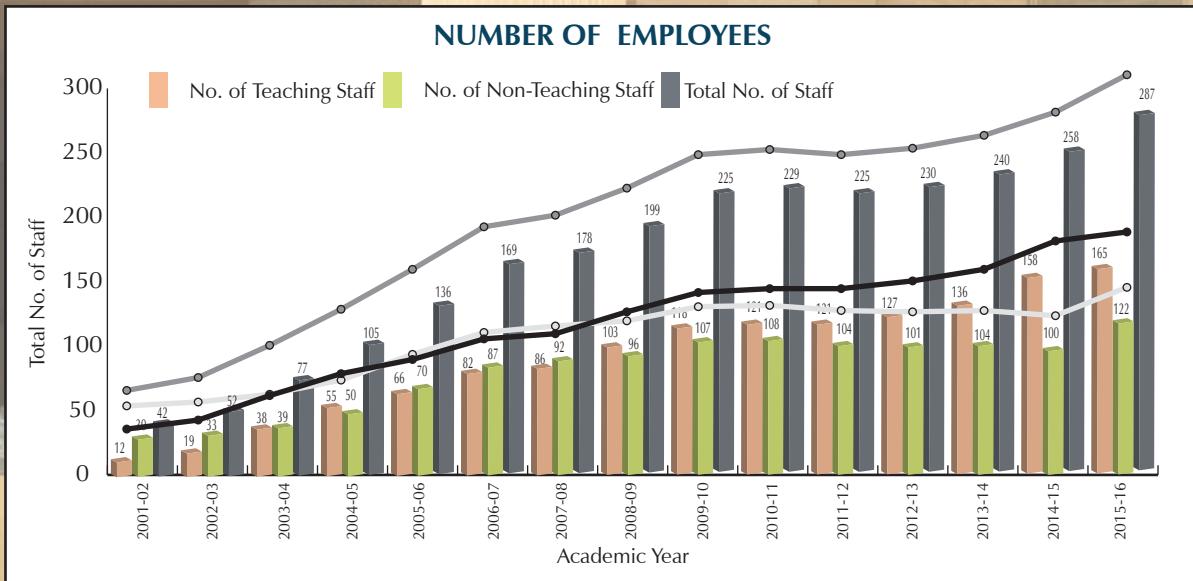
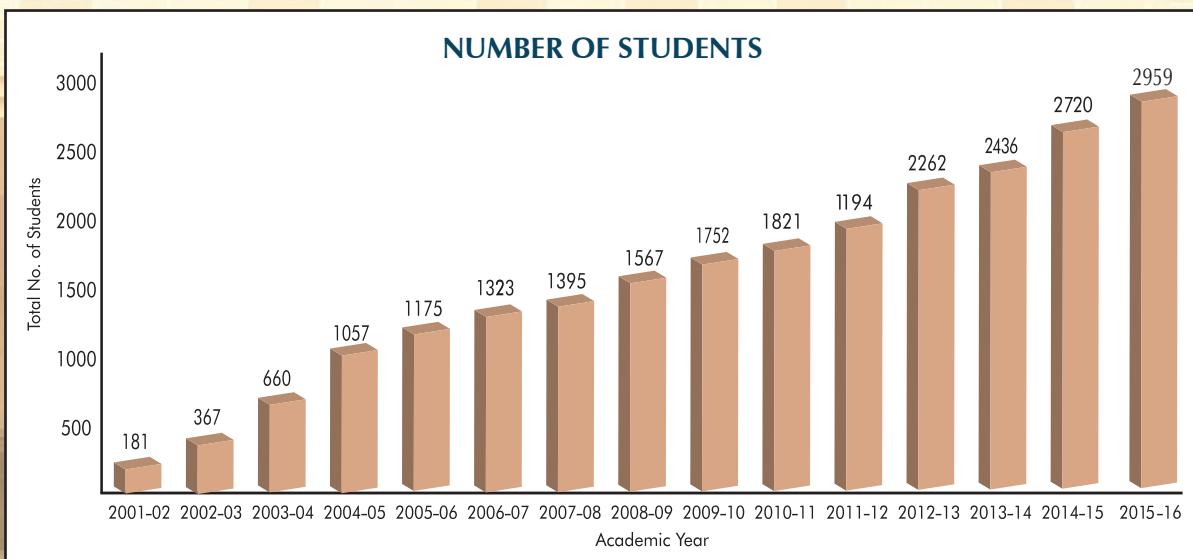
Co-curricular	Scope	Schedule
1. Student Development Program (SDP)	To conduct skill development programme viz. soft, hard, technical, managerial & leader skills	June - July
2. Pre Placement Training (PPT)	Placement related training before final placement process phases.	July to December
3. Project Exhibition / Seminar / Workshop/Technical paper presentations	Engineering and technological knowledge in emerging area	Weekend during semester
4. Model United Nation Conference (TCET-MUN)	Leadership Skills and communication skills	October
5. Zephyr	Technical Festival to showcase and acumen students technical / engineering knowledge, talents	October
6. Industrial Visit	Industry Exposure.	January / March
7. Multicon - W	Multiple Conferences and Workshops to understand trends and challenges in the field of Engineering and Technology.	February
Extra-curricular	Scope	Schedule
1. Blood Donation Camp	NSS Activity to support blood banks by organising blood donation camps	September / March
2. NSS Camp	Awareness Campaign in Villages for social understanding and connectivity	December-January
3. T-Spark'15	Intra Sports Event of Student Council-TCET	January
4. Convocation (UOM)	Degree Certificate Distribution Ceremony	February
5. E-Week	To develop Entrepreneurship Skills	February
6. Enertia	Intercollegiate Sports Festival	March
7. Sojourn	Annual Day	March

Mapping of Activities with Engineering Graduate Attributes (EGA)

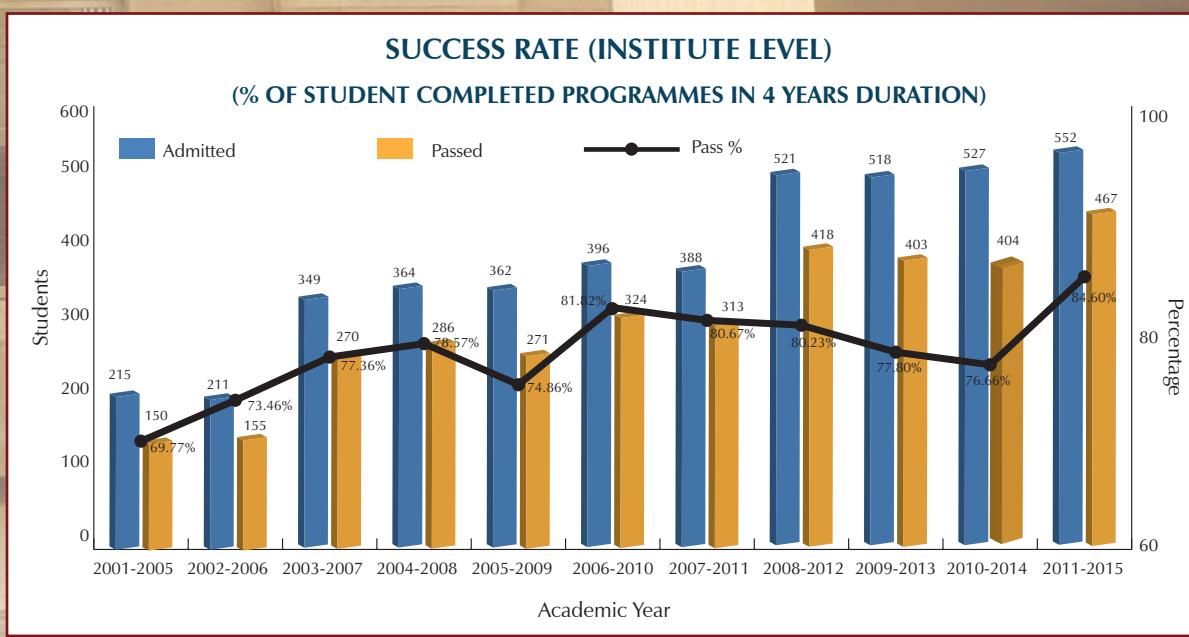
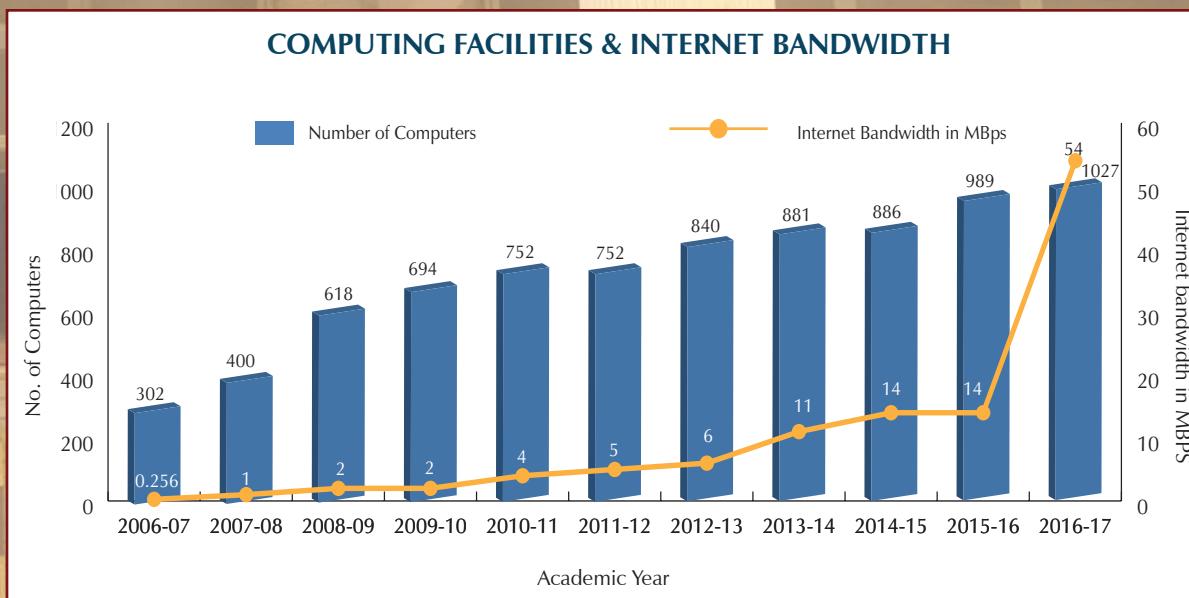
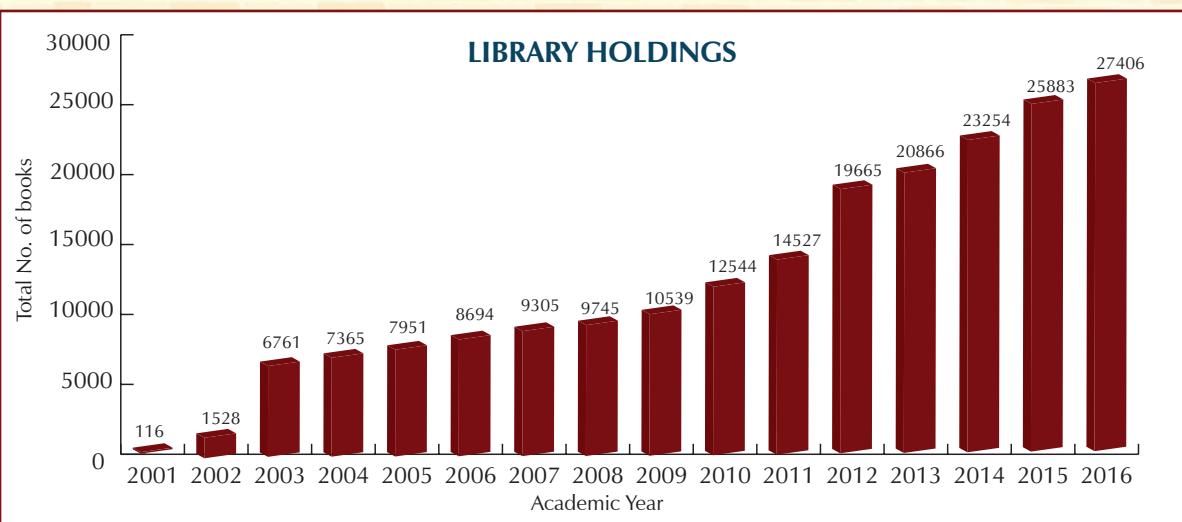
Engineering Graduate Attributes	Curricular					Co-curricular							Extra-curricular						
	1	2	3	4	5	1	2	3	4	5	6	7	1	2	3	4	5	6	7
Engineering knowledge	✓	✓	✓	✓	✓	✓	✓	✓	✓	—	✓	✓	✓	—	—	—	✓	—	—
Problem Analysis	✓	✓	✓	✓	✓	✓	✓	✓	✓	—	—	—	✓	—	—	—	✓	—	—
Design/Development of Solutions	✓	✓	✓	✓	✓	—	—	✓	—	—	—	✓	—	—	—	✓	—	—	—
Conduct Investigations of Complex Problems	✓	✓	✓	✓	—	—	—	✓	—	—	—	✓	—	—	—	✓	—	—	—
Modern tools Usage	—	✓	✓	✓	—	✓	—	✓	—	—	✓	✓	—	—	—	—	✓	—	—
The Engineer and Society	✓	✓	✓	✓	—	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Environment and Sustainability	—	✓	✓	—	—	✓	—	✓	—	—	✓	✓	—	✓	—	—	✓	—	—
Ethics	—	✓	✓	✓	✓	—	✓	✓	—	✓	✓	✓	✓	✓	✓	✓	—	✓	✓
Individual and Team Work	—	✓	✓	✓	✓	—	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Communication	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	—	✓	—	✓	✓	✓	✓
Lifelong Learning	—	✓	✓	✓	✓	—	—	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Project Management and Finance	—	✓	✓	—	—	—	✓	✓	—	—	✓	—	—	✓	—	✓	✓	✓	✓

Number in row indicates serial number of various activities

INSTITUTIONAL GROWTH



INSTITUTIONAL GROWTH





ACADEMIC PERFORMANCE

B.E. Examination	CMPN		EXTC		IT		ETRX	
	University (%)	TCET (%)						
May 11	92.84	98.11	87.00	96.12	96.25	100.00	—	—
May 12	92.69	94.44	80.29	95.59	96.50	98.57	79.15	95.38
May 13	94.47	97.96	86.49	89.47	96.97	100.00	79.90	93.75
May 14	93.43	99.32	86.43	94.70	96.25	95.83	83.08	86.25
May 15	96.69	96.97	87.78	92.64	96.12	98.17	80.08	88.89

TCET – B.E. Result

B.E. (May 2012)

Branch	No. of Students appeared	No. of Students Passed	Passing (%)	Distinction (%)	Ist Class (%)
CMPN	144	136	94.44	42.54	51.49
EXTC	136	130	95.59	26.19	51.59
IT	140	138	98.57	43.80	45.99
ETRX	65	62	95.38	25.00	67.86

B.E. (May 2013)

Branch	No. of Students appeared	No. of Students Passed	Passing (%)	Distinction (%)	Ist Class (%)
CMPN	147	144	97.96	43.26	51.77
EXTC	152	136	89.47	30.78	58.68
IT	145	145	100.00	34.72	61.11
ETRX	64	60	93.75	43.75	50.00

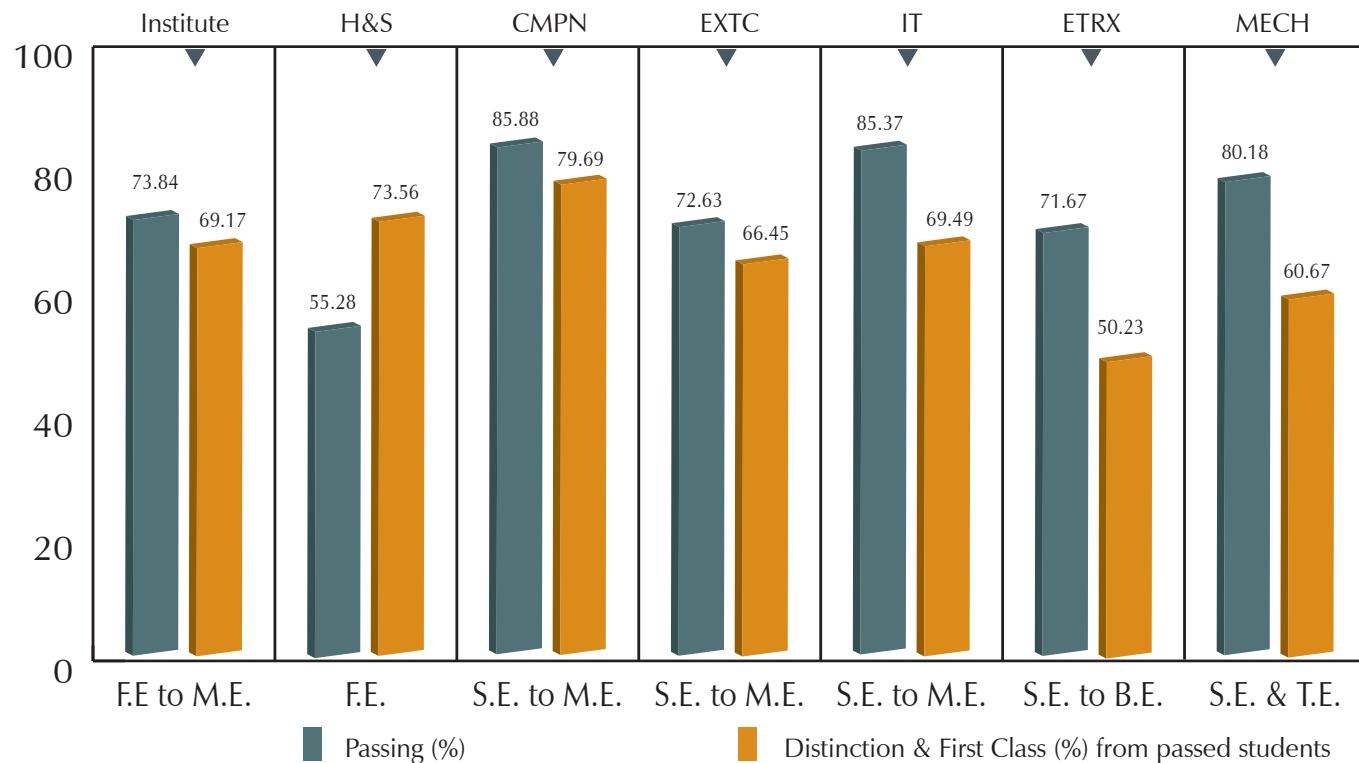
B.E. (May 2014)

Branch	No. of Students appeared	No. of Students Passed	Passing (%)	Distinction (%)	Ist Class (%)
CMPN	146	145	99.32	30.74	64.29
EXTC	151	143	94.70	31.82	52.23
IT	144	138	95.83	48.18	41.61
ETRX	80	69	86.25	16.42	62.29

B.E. (May 2015)

Branch	No. of Students appeared	No. of Students Passed	Passing (%)	Distinction (%)	Ist Class (%)
CMPN	165	160	96.97	51.59	41.40
EXTC	163	151	92.64	38.10	46.26
IT	164	161	98.17	28.93	52.20
ETRX	81	72	88.89	27.94	45.59

INSTITUTE & DEPARTMENT RESULT - MAY 2015



Professional Opportunities For Students on Completion of Programme

Can opt for higher studies in Indian and foreign universities

Can get the prospect of working in government, public and private sector

Can get the opportunity to work in corporate sectors such as service sectors, IT, Telecom etc

Can become self employed professionals or entrepreneurs

Academic Delivery as per the curriculum of University of Mumbai with 100% syllabus coverage

Teacher-guardian scheme to mentor and guide students for professional and social growth

Participation in project competition at University, national and international level leading to the inculcation of R&D culture with perspective of B.E. programme.

Local industrial visit to expose the students to industrial work environment

Mini project implementation at S.E and T.E level for encouraging the students with engineering practises and to prepare the foundation for B.E. project

Technical seminar to fill up the gap, and cover contents beyond syllabus

Expert lectures by eminent guest faculty members

Motivation to participate in academic events to broaden knowledge base

TCET ADVANTAGES

Your platform to build a bright future...

Access to World Class Infrastructure and Facilities



Development of Graduate Attributes at par with International standard



Accreditation of institute programmes by Industry/NBA



Creativity and Innovation for sustainable professional growth



Well qualified and experienced faculty for Structured & Guided Education

Academic Excellence through continuous evaluations & assessment



Personality / Professional Growth through co-curricular, extra curricular and professional body activities

Training and Placement in association with industry professionals, academicians, MNCs and industries



Higher Education gateway for management & engineering at master / doctoral level programmes

QUALITY EDUCATION AT TCET

People Claim...But TCET Does!!!



QUALITY ASSURANCE

The institute is committed to ensure quality in technical education and is striving continually to improve its effectiveness by taking the following measures:

- Meeting the requirements of students as well as Statutory and Regulatory bodies.

- Establishing and following Quality Policy in alignment with vision and mission statements.
- Establishing benchmark through Quality Objectives.
- Ensuring timely availability of various resources
- Encouraging continuous improvement and innovation at every level.

The Quality Management System (QMS) is established through institutional processes and management processes with a wide scope for corrective and preventive actions. These actions lead to the improvement of system and further strengthen the QMS. This in turn helps institute to align the various processes with the vision and mission statement.

QUALITY POLICY

We, the Staff, Faculty and the Management of Thakur College of Engineering and Technology, are committed to provide state-of-the-art infrastructure and facilities, conducive academic environment to deliver Quality Technical Education to our students.

We shall work as a team and interact with the students in proactive manner to achieve our Institutional Quality Objectives and fulfill all academic and regulatory body requirements to continually enhance the satisfaction of our students.

QUALITY OBJECTIVE

To achieve the quality objective which is aligned with the vision and mission statement, institution has the well established institutional processes and management processes with enough scope for quality assurance. This leads to quality education and satisfaction of the students. This enhances the scope of quality education and satisfaction of the students with the various educational services at TCET.

Key quality objective includes:

- To attain top position amongst engineering institutes in Maharashtra
- To improve students' performance quantitatively and qualitatively
- To attain better results in placement of students
- To develop an effective industry-Institute interface
- To provide adequate number of equipment, books and computing facilities with internet access to students

Internal/external audits are conducted on regular basis. It ensures the proper implementation of various academic processes and their quality assurance. In case of any lapses, timely corrective/preventive actions are taken by the concerned staff.

As a mark of quality and compliance to the quality objectives assurance the institute has been awarded with the following awards / certificates:

- ISO 9001:2000 certification since 21st December 2005 & is upgraded to ISO 9001:2008 since December 2009.
- Best Quality Enhancement Team – NCQM Quality award in Exam Results for A.Y. 2009-10 (IIInd prize)
- Accreditation by more than 75 recruiting industries for campus placement since A.Y. 2005-06.
1st cycle NBA Accreditation for 3 years w.e.f. 16.9.2011 for CMPN, EXTC & IT (UG Level).
2nd cylce NBA Accreditation for 2 years w.e.f. 01.7.2016 for CMPN, EXTC, IT and ETRX courses (UG Level) as per NBA revised guidelines.
- Indian Merchant Chamber's Ramkrishna Bajaj National Quality Award, IMC-RBNQA commandation certificate for cycle - 2012 and for performance excellence award for cycle - 2015, valid for 3 years which is based on Malcolm Baldrige criteria of performance excellence, a USA quality model.

In the time to come the institute will strive to bring many more such glories through the continuous journey of quality education.

MARCHING TOWARDS EXCELLENCE...



A.Y. 2015-16

- Permanent affiliation of 3 UG programmes - CMPN, EXTC, IT w.e.f. A.Y. 2015-16
- • NBA Accreditation of four UG programmes - CMPN, EXTC, IT & ETRX 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 a 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

- 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

A.Y. 2013-14

- Starting of Civil Engg. programme with 120 Intake • U.G. Intake increased to 660 with 6 Programmes • Recognized by AICTE-CII survey as an Emerging Institute • Visit of UoM Expert Committee for Permanent Affiliation

A.Y. 2012-13

- 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

- NBA Accreditation of 3 UG programmes - CMPN, EXTC & 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 each in CMPN & IT
- • P.G. Intake increased to 54

A.Y. 2009-10

- 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

- • 1st re-certification of ISO 9001:2000 • Starting of ETRX programme with 60 Intake • Starting of P.G. with 18 Intake in EXTC • BEQET-NCQM Quality Award in Library Process - Recognition • Applied for NBA accreditation for CMPN, EXTC & IT

A.Y. 2006-07

U.G. Intake increased to 360

A.Y. 2005-06

ISO 9001:2000 Certification

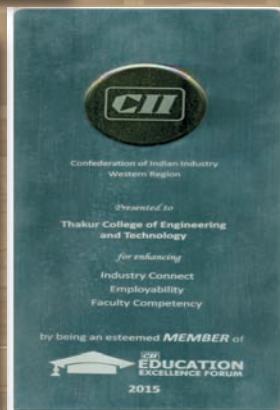
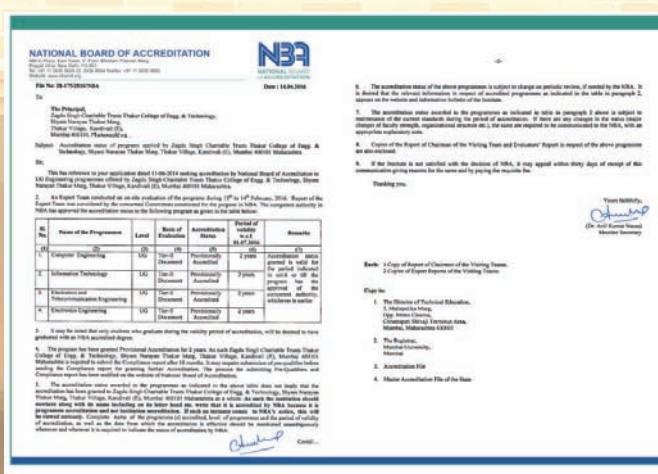
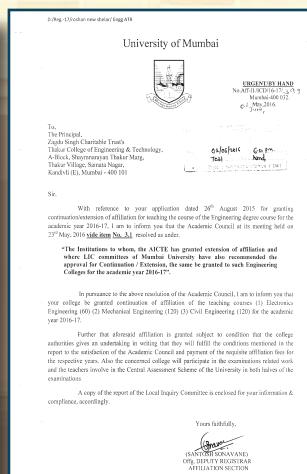
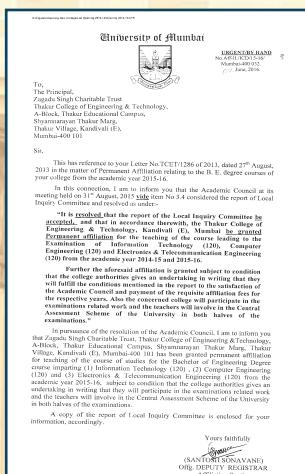
A.Y. 2003-04

U.G. Intake increased to 300

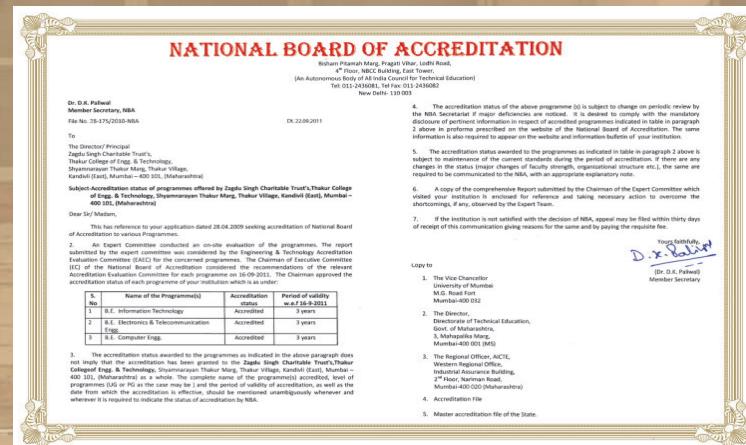
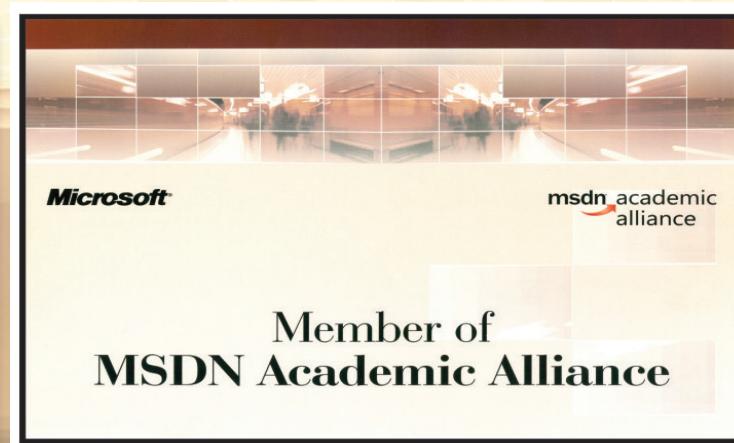
A.Y. 2001-02

Establishment of Institute with 180 Intake at U.G. level with 3 Programmes for CMPN, EXTC & IT

TCET INSTITUTE RECOGNITION



TCET INSTITUTE RECOGNITION



COURSES OFFERED



TCET offers full-time courses 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. are filled-up as per the guidelines of DTE and Admission Regulatory Authority (Maharashtra State) applicable for minority institution with following distribution of seats:

- 51% for minority quota filled up through CAP rounds
- 29% for Maharashtra State and All India Seats filled up through CAP rounds
- 20% for Institute level admission open for all categories to be filled up by institute.

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

UNDERGRADUATE COURSES (B.E. DEGREE)

Courses	Current intake	Year of Starting the Course	NBA Accreditation Status
Computer Engineering (CMPN)	120	2001	
Electronics & Telecommunication Engineering (EXTC)	120	2001	2 nd time accredited UG Level programmes for CMPN, EXTC & IT (2 years w.e.f. 01.7.2016)
Information Technology (IT)	120	2001	Permanent affiliated UG programme w.e.f. A.Y. 2015-16 onwards
Electronics Engineering (ETRX)	60	2008	1 st time accredited UG Level programme (2 years w.e.f. 01.7.2016)
Mechanical Engineering (MECH)	120	2012	Eligibility after A.Y. 2017-18
Civil Engineering (Civil)	120	2014	Eligibility after A.Y. 2020-21

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

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

Courses	Current intake	Year of Starting the Course	Award (Degree)
Electronics & Telecommunication Engineering (EXTC)	18	2008	M.E.
Information Technology (IT)	18	2011	M.E.
Computer Engineering (CMPN)	18	2011	M.E.
Electronics & Telecommunication Engineering (EXTC)	10	2014	Ph.D. (Technology)

Department Profile Department of Humanities & Sciences (H&S)



The aim of the F.E. course is to provide the students with a strong platform and make them competent individuals for higher semesters. This course comes under the Department of Humanities and Sciences and is common to all the branches of engineering. The department focuses on effective functioning of the academics and also the overall development of FE students, with the focus on building the communication skills and the aptitude with the perspective of engineering graduate.

Dr. Rajni Bahuguna, F.E. In-Charge

Department Vision

The department of Humanities and Sciences 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.

Department Mission

To endeavour 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.

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 prepare students for successful career in Indian and multinational organizations, by assessing current and emerging technologies.
- PEO3. To develop the ability amongst students to synthesize data and technical concepts from applications to product design.
- PEO4. To encourage students to identify and bridge gaps between the curriculum and industry requirements.
- PEO5. To provide opportunities for students to collaborate and work in teams on multidisciplinary projects for accomplishing common goals.
- PEO6. To motivate and prepare students for higher studies and specializations.
- PEO7. To develop excellent written and oral communication skills, including presentation skills and technical writing for effectively interacting with clients, customers, co-workers and managers.
- PEO8. 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.

Programme Outcomes

- PO1. Ability to apply knowledge of mathematics (differential equations, vector calculus, complex variables, matrix theory, probability theory), science (physics, chemistry, EVS etc.), and engineering (electrical, electronics, mechanical etc.)
- PO2. Ability to design and perform experiments as well as analyze and interpret data.
- PO3. Ability to design, simulate and test a system to meet desired specification.
- PO4. Ability to apply the knowledge of current techniques, concepts, skills, and modern tools for the solution of engineering problems.
- PO5. Ability to function in teams on multidisciplinary projects.
- PO6. Ability to communicate effectively in both oral and written form.
- PO7. Ability to understand the impact of engineering solutions in a global/societal context.
- PO8. Ability to recognize the need for and ability to engage in lifelong learning and understanding of professional and ethical responsibilities.
- PO9. Ability to use the techniques, skills, and modern engineering tools necessary for engineering practice.
- PO10. Ability to participate and succeed in competitive examinations like GATE, GRE etc. and also other professional examinations at various levels.

Major Subjects

Foundation of Humanities & Sciences

1. Applied Physics – I & II
2. Applied Chemistry –I & II
3. Applied Mathematics – I & II
4. Communication Skills
5. Environmental Studies

Foundation of Engineering

1. Engineering Mechanics
2. Basic Electrical and Electronics Engineering
3. Structured Programming Approach
4. Engineering Drawing

Highlights

Year of establishment*	A.Y. 2008-09
Program offered	F.E. (First Year for all Branches)
Faculty strength	28
Department library	138 books
Professional chapter	NSS, MUN, ISTE
Student membership	CSI, IEEE, NSS, IETE, ISTE, ASME, ACM
Number of labs	08
Number of class rooms	11
Common facilities	Seminar Hall-03
Publication	"Quasar" Annual College Magazine Programme Resource book Course Resource Book

* Prior to A.Y. 2008-09 H&S was the part of Engineering Departments

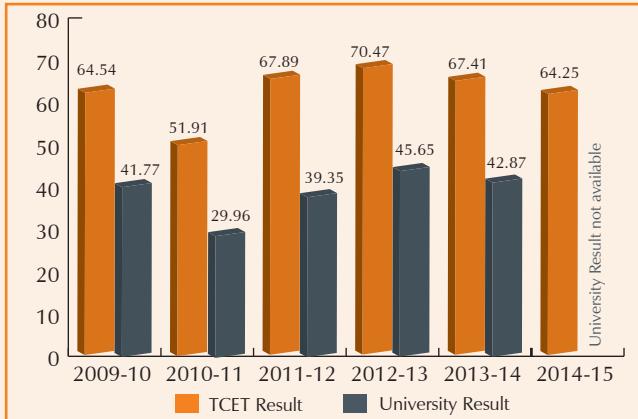
Faculty Publication

Publications	Number of Faculty members	Number of Publications
ICWET+Multicon-W	07	17
Inter/National Journals	02	32
International Conferences	23	52
Book Publication	02	17
Modules Publication	22	15

Topper's List

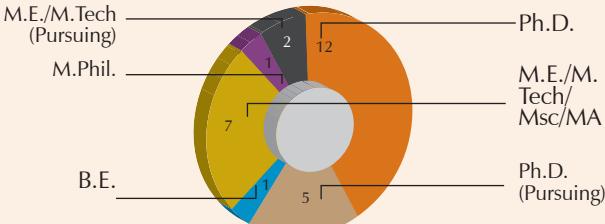
Name of the Student	%	Year
Ms. Sanzgiri Tanvi Pradeep	10/10 (GPA)	May 2015
Mr. Vishwakarma Shubham S.		
Ms. Sood Arshdeep Kaur	9.70/10 (GPA)	May-2014
Ms. Alisha P. Raul	9.78/10 (GPA)	May-2013
Mr. Suthar Kanhayalal	82.44	May-2012
Ms. Priyanka Bhandari	79.88	May-2011
Mr. Bhupendra J Upadhyay	81.81	May-2010

Result Highlights



Faculty Profile

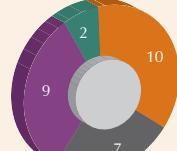
Faculty Qualification



Total Experience



Experience in TCET



Engineering Drawing Hall



Chemistry Laboratory



Practice Sessions & Resource book to give hands-on experience in question paper solving to achieve better results

FACULTY LIST

Humanities & Sciences

Sr. No.	Name of Faculty Members & Date of Joining (DOJ)	Designation	Qualification	TCET Experience	Total Experience
1	Dr.Rajni Bahuguna (DOJ:01.06.02)	F.E. In-charge; Assistant Professor	Ph.D.(Physics); M.Sc.(Physics); B.Sc.(Physics)	13 years 9 months	25 years
2	Dr.Poonam Ojha (DOJ:19.06.10)	Deputy F.E.In-charge; Assistant Professor	Ph.D.(English); B.Ed.(English,History); M.A.(English); B.A.(Eng.,History)	5 years 9 months	21 years
3	Mukul Bhatt (DOJ:01.10.01)	Assistant Professor	M.Sc.(Maths); B.Sc.(Phy, Maths)	14 years 6 months	21 years
4	Dr.Nita Jain (DOJ:01.07.02)	Assistant Professor	Ph.D.(Maths); M.Phil.(Maths); M.Sc.(Maths); B.Sc.(Maths)	13 years 7 months	19 years 3 months
5	Krishnakant Mishra (DOJ:18.08.03)	Assistant Professor	Ph.D.-Pursuing; M.Tech.(Electronics Engg.); M.Sc.(Physics); B.Sc.(Physics)	12 years 8 months	12 years 8 months
6	Dr.Vivek Mishra (DOJ:01.09.03)	Assistant Professor	Ph.D.-(Applied Maths) M.Sc.(Maths); B.Sc.(Maths, Physics)	12 years 7 months	14 years 9 months
7	Rohit Kumar Singh (DOJ:24.01.05)	Assistant Professor	Ph.D.-Pursuing; M.Tech.(Green Technology); M.Sc.(Analytical Chem.); B.Sc.(Chem.)	11 years 2 months	12 years 6 months
8	Yogesh Bhalekar (DOJ:01.08.06)	Assistant Professor	Ph.D.-Pursuing; M.Sc.(Maths); B.Sc.(Maths)	9 years 8 months	12 years 6 months
9	Sajjan Kumar Lal (DOJ:17.01.07)	Assistant Professor	M.E.(Mechanical Engg.) B.E.(Mechanical Engg.);	9 years 2 months	11 years 6 months
10	Dr. Vinita Gupta (DOJ:10.08.07)	Assistant Professor	Ph.D.(Maths); M.Sc.(Maths); B.Sc.(Phy.,Chem.,Maths.)	8 years 7 months	17 years 9 months
11	Shivaji Londhe (DOJ:05.03.08)	Assistant Professor	Ph.D.(English)-Pursuing; M.Phil.(English); M.A.(English); B.A.(Eng.,History;Administration)	8 months	11 years 10 months
12	Amol Dapkekar (DOJ:16.07.08)	Assistant Professor	Ph.D.(English)-Pursuing; M.A.(English); B.Ed.;B.A.(Eng.,Soc.)	7 years 8 months	12 years 10 months
13	Dr. Balakrishna Sreeramu Rongali (DOJ:08.08.08)	Assistant Professor	Ph.D.(Physics); M.A.(Education)-Pursuing; B.Ed.(Maths,Science); M.Sc.(Physics); B.Sc.(Physics)	7 years 8 months	11 years
14	Ashwin Pathak (DOJ:12.07.10)	Assistant Professor	M.E.(Mechanical Engg.); B.E.(Mechanical Engg.);	5 years 9 months	6 years
15	Dr. Sunita Pachori (DOJ:09.08.10)	Assistant Professor	Ph.D.(Organic Chemistry); M.B.A. (Spln. in Mktg.) M.Sc.(Chemistry); B.Sc.(Chem.;Zoo.;Bot.);	5 years 8 months	25 years 2 months

Sr. No.	Name of Faculty Members & Date of Joining (DOJ)	Designation	Qualification	TCET Experience	Total Experience
16	Dr. Satishkumar Singh (DOJ:27.08.12)	Assistant Professor	Ph.D.(Maths); M.Sc.(Maths); B.Sc.(Maths)	3 years 7 months	13 years 7 months
17	Dr. Sandhya Maheshwari (DOJ:02.08.13)	Assistant Professor	Ph.D.(queueing theory); M.Phil(Maths); M.Sc.(Maths); B.Sc.(Maths,Physics,Chemistry)	2 years 8 months	12 years
18	Dr.Kiran Sanap (DOJ:29.09.14)	Assistant Professor	Ph.D.(Chemistry); M.Sc.(Chemistry); B.Sc.(Chemistry)	1 year 6 months	7 years
19	Dr.Ela Agarkar (DOJ:11.07.14)	Assistant Professor	Ph.D.(Physics); M.Sc.(Physics); B.Sc.(Physics)	6 years 3 months	12 years
20	Pandya Jalpaben Dalpatrai (DOJ:03.08.12)	Pro-Term Lecturer	M.E.(Electronics & Telecomm. Engg.); B.E.(Electronics Engg.)	3 years 8 months	3 years 8 months
21	Vimal Gosar (DOJ:12.01.15)	Pro-Term Lecturer	M.E.(Manufacturing Engg.)-Pursuing; B.E.(Mechanical Engg.)	1 year 2 months	2 years 9 months
22	Khushbu Kareliya (DOJ-01.07.14)	Pro-Term Lecturer	B.E.(Civil Engg.)	1 year 9 months	3 years 11 months
23	Dr. Asha Bhave (DOJ-01.09.15)	Pro-Term Lecturer	Ph.D.(Thermoelasticity); M.Phil.(Maths) M.Sc.(Maths); B.Sc.(Maths,Computer Science)	7 months	5 years 8 months
24	Karishma Singh (DOJ-05.09.15)	Pro-Term Lecturer	M.Sc.(General Chemistry); B.Sc.(Chemistry)	1 year 7 months	1 year 9 months
25	Vipin K. (DOJ:04.01.16)	Pro-Term Lecturer	M.Tech.(Thermal & Fluidics Engg.); B.Tech.(Mechanical Engg.)	4 months	6 months
26	Shree Manohar Deo (DOJ-04.01.16)	Pro-Term Lecturer	M.E.(Mechanical Engg.)-Pursuing; B.E.(Mechanical Engg.)	4 months	2 years 5 months
27	Jenette Alappat (DOJ-18.01.16)	Pro-Term Lecturer	M.A.(English); B.A.(English)	4 months	3 years 6 months
28	Devidas Kalwale (DOJ:14.03.03)	Librarian	M.Phil.; M.L.I.S.C.; B.L.I.S.C.	13 years	16 years 3 months
MAX Experience=25 years 2 months MIN Experience =6 months		MEAN Experience =11 years 5 months MEDIAN Experience =12 years			
NOTE: Seniority is based on Cadre and Date of Joining (DOJ) DOR-Date of Re-designation, DOJ - Date of Joining, – means not applicable					

Department Profile Department of Computer Engineering



The department of Computer Engineering, started its journey in the year 2002 and is committed to deliver the program with rigor and with active industry participation. Department has 120 seats intake at first year and 24 seats as lateral entry at 2nd year for engineering diploma students. The department believes in student centric approach. Its dedicated team of faculty members inculcate relevant knowledge, skills and attitude in students to become successful professionals. The U.G. programme is accredited by National Board of Accreditation (NBA), New Delhi for three years w.e.f. 16.09.2011. UG Programme has been re-accredited for 2 years by NBA w.e.f 1st July 2016. Also the programme is permanently affiliated with UOM since AY 2015-16 onwards.

Dr. Rekha Sharma, Associate Professor & Head of Department

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

PEO 1: To attract and prepare learners to attain sound knowledge in the field of Computer Engineering.

- 1.1 To attract students by providing conducive academic environment and to enhance quality of students by rigorous monitoring and control.
- 1.2 To prepare learners with a sound foundation in mathematical, scientific and engineering fundamentals.
- 1.3 To prepare learners to use modern tools effectively for solving real life problems.
- 1.4 To equip learners with broad education relevant to the field of computing in the global and social context.

PEO 2: To prepare learners to attain need-based skills and competencies with a focus on futuristic needs at national and international level.

- 2.1 To ensure employability through need-based training spread over the entire course and meet contemporary local and global requirements.
- 2.2 To prepare learners for higher studies and life-long learning through active involvement in research oriented and industry-based projects.

PEO 3: To prepare learners to become valued professionals and responsible citizens.

- 3.1 To encourage and motivate students through well planned co-curricular and extracurricular activities for all-round personality development.
- 3.2 To inculcate professional & ethical attitude, leadership qualities and commitment to social responsibilities.

Programme Outcomes

PO1: Ability to perform academic activities and achieve the expected requirements by conforming to a pre-defined process as set by the institute and university.

PO2: Ability to effectively apply knowledge of computing and mathematics to computer science problems.

PO3: Ability and skills to effectively use state-of-the-art techniques and computing tools for analysis, design and implementation of computing systems which resolve real life problems.

PO4: Ability to utilize multi-disciplinary knowledge across domains to effectively apply computer technology in a global and social environment.

PO5: Ability to efficiently make use of additional training provided throughout the course, satisfying industry requirements and thereby becoming globally employable.

PO6: Ability to successfully pursue professional development through lifelong learning.

PO7: Ability to communicate effectively with both technical and non-technical audiences.

PO8: Ability to become a versatile professional and function effectively as an individual and as a member of a team.

PO9: Ability to understand professional, ethical, legal, security, and social issues and responsibilities.

Major Subjects

Basic Engineering: Discrete Structures, Electronic Circuits and Communication Fundamentals, Object Oriented Programming Methodology, Analysis of Algorithms, Computer Organization & Architecture, etc.

Core Engineering: Data Structures, Digital logic Design and Analysis, Data Base Management Systems, Theoretical Computer Science, Microprocessor, Operating Systems, Computer Networks, Digital Signal Processing, System Programming and Compiler Construction etc.

Advanced Engineering: Data Warehousing and Mining, Distributed Databases, Mobile Communication and Computing, Cryptography and System Security, Parallel and Distributed Systems, Advanced Algorithms, Software Architecture, etc.

Application based: Computer Graphics, Structured and Object Oriented analysis and Design, Software Engineering, Artificial Intelligence, Human Machine Interaction, Project Management, Image Processing, Soft Computing, Big Data Analytics etc.

Highlights

Year of starting of course	A.Y. 2001-2002
Year of establishment of dept.	A.Y. 2002-2003
Program offered	4 years B.E. (CMPN) & 2 years M.E. (CMFN)
Faculty strength	30
Department library	153 books + 251 black book
No. of batches graduated	11
Success rate	89.31%
Professional chapter	CSI-TCTET
Student membership	CSI, IEEE, NSS, ISTE, IETE, MUN
Number of labs	12 + 01 M.E. Lab
Number of class rooms	06 + 01 M.E. Class Room
Common facilities	Seminar Hall-03
Publication	<ul style="list-style-type: none"> • "Nimbus-A ring of knowledge" Dept.'s E-Magazine • Programme Resource book • Course resource books

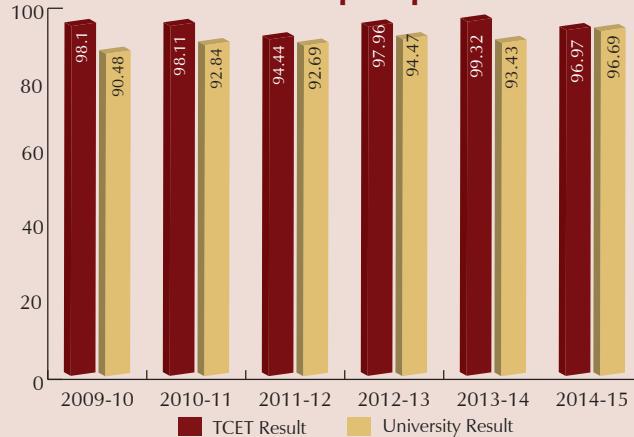
Faculty Publication

Publications	Number of Faculty	Number of Publications
ICWET+Multicon-W	21	98
International/National Journals	21	96
National Conferences	18	34
International Conferences	18	52
Book Publication	02	06
Module Publication	16	51

Topper's List

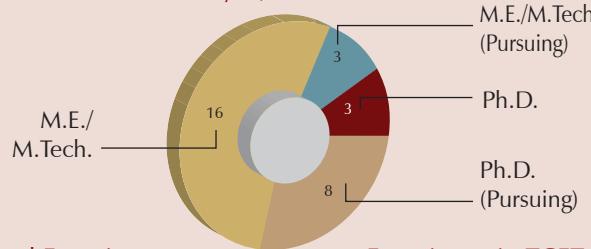
Name of the Student	%	Year
Ms. Singh Neha R.	80.00	May 2015
Mr. Darpan Ruparelia (6 th Rank in University)	79.33	May 2014
Ms. Hemlata P. Bansal	78.73	May 2013
Ms. Kruti D. Dave	79.73	May 2012
Mr. Shashank A. Prasad (6 th rank in University)	82.53	May 2011
Ms. Shweta G. Kanchan	79.60	May 2010

Result Highlights

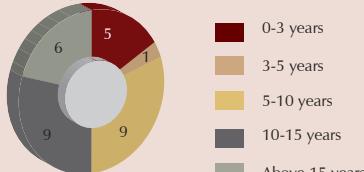


Faculty Profile

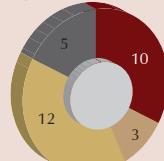
Faculty Qualification



Total Experience



Experience in TCET



Semester Review



Database Laboratory



Electronic Hardware Laboratory

FACULTY LIST

Department of Computer Engineering

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; Dean (Academic)	Ph.D.(Engineering.); M.E.(Computer Engineering); B.E.(Computer Engineering)	5 years 2 months	23 years
2	Dr. Rekha Sharma (DOJ:02.05.09)	HOD (CMPN); Associate Professor	Ph.D.(Computer Technology); M.Tech. (Computer Science); M.Sc.(Computer Science)	7 years	16 years
3	Kiran A. Bhandari (DOR:01.10.14)	Deputy HOD (CMPN); Associate Professor;	Ph.D.-Pursuing; M.E.(Electronics Engineering); B.E.(Electronics Engineering)	7 years 11 months	15 years
4	Shiwani Gupta (DOJ:15.12.07)	Assistant Professor	M.Tech.(Computer Science & Engineering.); B.Tech.(Computer Science & Engineering.)	9 years 4 months	12 years 7 months
5	Sanjay Sharma (DOJ:05.04.03)	Assistant Professor	M.E.(Computer Science); MBA (Mktg. Mgt.); B.E.(Computer Engg.)	13 years	18 years 10 months
6	Niranjan Kulkarni (DOJ:01.12.04)	Assistant Professor	M.E.(Electronics with Computer Tech.); B.E.(Electronics & Telecomm. Engg.)	11 years 4 months	15 years 10 months
7	Harshali Patil (DOJ:18.07.05)	Assistant Professor	Ph.D.-Pursuing; M.E.(Computer Engg.); B.E.(Computer Science & Engg.)	10 years 10 months	13 years 6 months
8	Megharani Patil (DOJ:14.02.06)	Assistant Professor	Ph.D.-Pursuing; M.Tech. (Comp. Sci. & Tech.); B.E.(Computer Engg.)	10 years 2 months	12 years 5 month
9	Anand Khandare (DOJ:20.03.06)	Assistant Professor	Ph.D.-Pursuing; M.E.(Computer Engg.); B.E.(Computer Science & Engg.)	10 years 1 month	10 years 8 months
10	Rashmi Thakur (DOJ:12.05.06)	Assistant Professor	Ph.D.-Pursuing; M.Tech.(Computer Engg.); B.E.(Computer Engg.)	9 years 11 months	15 years 8 months
11	Dr.Sheetal Rathi (DOJ:15.01.07)	M.E.Coordinator; Assistant Professor	Ph.D.(Engg.); M.E.(Computer Engg.); B.E.(Computer Engg.)	9 years 3 months	13 years 1 month
12	Vaishali Nirguide (DOJ:23.08.07)	Assistant Professor	M.E.(Computer Engg.); B.E.(Computer Engg.)	8 years 8 months	11 years 04 months
13	Vikas Singh (DOJ:27.08.07)	Assistant Professor	M.E.(Computer Engg.); B.E.(Information Technology)	8 years 8 months	8 years 7 months
14	Manish Rana (DOJ:29.05.08)	Assistant Professor	Ph.D.-Pursuing; M.E. (Computer Engg.); B.Tech.(Computer Sci. & Engg.)	7 years 11 months	8 years 11 months
15	Vidyadhari R. Singh (DOJ:01.07.09)	Assistant Professor	Ph.D.-Pursuing; M.Tech.(Computer Engg.); B.E.(Information Technology)	7 years 3 months	7 years 8 months

Sr. No.	Name of Faculty Members & Date of Joining (DOJ)	Designation	Qualification	TCET Experience	Total Experience
16	Prachi Janrao (DOJ:03.03.10)	Assistant Professor	Ph.D.-Pursuing; M.E.(Computer Sci.); B.E.(Information Technology)	6 years 2 months	11 years
17	Lydia Suganya (DOJ:01.07.10)	Assistant Professor	M.E.(Computer Sci.); B.E.(Computer Sci.)	5 years 10 months	6 years 10 months
18	Veena Kulkarni (DOJ:01.07.11)	Assistant Professor	M.E.(Computer Engg.); B.E.(Computer Engg.)	4 years 10 months	11 years 9 months
19	Ruta Pathak (DOJ:30.07.11)	Assistant Professor	M.Tech.(Computer Engg.); B.E.(Computer Engg.)	4 years 9 months	6 years 2 month
20	Harshala Yadav (DOJ:02.01.12)	Assistant Professor	M.E.(Computer Engg.); B.E.(Information Technology)	4 years 3 months	6 years 10 months
21	Varolia Jesalkumari S. (DOJ:17.07.14)	Assistant Professor	M.Tech.(Computer Engg.); B.E.(Computer Engg.)	1 year 10 months	6 years
22	Mr. Shailesh Sangle (DOJ:06.07.15)	Assistant Professor	M.E.(Computer Engg.); B.E.(Computer Engg.)	10 months	7 years 2 months
23	Mr. Rajesh Singh (DOJ:20.07.15)	Assistant Professor	M.Tech.(Computer Engg.); B.E.(Computer Engg.)	10 months	24 years
24	Shruti Mathur (DOJ:28.07.14)	Assistant Professor	M.Tech.(Computer Science); B.E.(Information Technology)	1 year 10 months	3 years
25	Shobha Tyagi (DOJ:12.01.15)	Assistant Professor	Ph.D.-Pursuing; M.Tech.(Computer Science & Engg.); B.E.(Computer Engg.)	1 year 4 months	10 years 2 months
26	Ashwini Patil (DOJ:16.01.14)	Pro-Term Lecturer	M.E. (Computer Engg.); B.E.(Computer Science & Engg.)	2 years 4 months	6 years 3 months
27	Radhika Desai (DOJ:12.01.15)	Pro-Term Lecturer	M.E.(Computer Engg.); B.E.(Computer Engg.)	1 year 4 months	1 year 2 months
28	Ms. Prajkt Akre (DOJ:13.07.15)	Teaching Assistant	M.E.(Computer Engg.)-Pursuing; B.E.(Information Technology)	10 months	2 years 2 months
29	Mr. Arul Shalom (DOJ:13.07.15)	Teaching Assistant	M.E.(Computer Engg.)-Pursuing; B.E.(Computer Engg.)	10 months	1 year 9 months
30	Ms. Priyanka Pandey (DOJ:12.02.16)	Teaching Assistant	M.E.(Computer Engg.)-Pursuing; B.E.(Computer Engg.)	3 months	2 months
MAX Experience = 24 years MIN Experience = 2 months		MEAN Experience= 9 years 9 months MEDIAN Experience = 10 years 5 months			
NOTE: Seniority is based on Cadre and Date of Joining (DOJ) DOR-Date of Re-designation, DOJ - Date of Joining, – means not applicable					

Department Profile

Department of Electronics & Telecommunication Engineering



Head of department and faculty members of the department are committed to foster the growth of intellectually capable, innovative and entrepreneurial professionals, who shall contribute to the growth of technology in partnership with industry and develop and harness it for the welfare of the nation and mankind. The U.G. programme is accredited by National Board of Accreditation (NBA), New Delhi for three years w.e.f. 16.09.2011 and also re-accredited as per revised guidelines of NBA for 2 years w.e.f 1st July 2016. Programme has also been given permanent affiliation w.e.f. A.Y. 2015-16 onwards.

Dr. Vinitkumar Dongre, Associate Professor & Head of Department

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 the mathematical, scientific and engineering fundamentals necessary to formulate, solve and analyze engineering problems and to prepare them for graduate studies.
- PEO2. To prepare students to demonstrate ability to identify, formulate and solve electronics and telecommunication engineering problems.
- PEO3. To prepare students to demonstrate ability to design electrical and electronics systems and conduct experiments, analyze and interpret data.
- PEO4. To develop the ability amongst students to synthesize data and technical concepts from applications to product design.
- PEO5. To prepare students for successful career in the industry by identifying the gaps between the curriculum and industry requirement.
- PEO6. To provide opportunity to students to work as part of teams on multidisciplinary projects, including presentation skills, technical writing and communication skills.
- PEO7. To motivate and prepare the students for higher studies and specialization.
- PEO8. 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.

Programme Outcomes

- PO1. Ability to apply knowledge of mathematics (differential equations, vector calculus, complex variables, matrix theory, probability theory), science (physics, chemistry, EVS etc.), and engineering (electrical, electronics, mechanical etc.)
- PO2. Ability to design and perform experiments as well as analyze and interpret data.
- PO3. Ability to design, simulate and test a system to meet desired specification.
- PO4 Ability to apply the knowledge of electrical and electronic circuits, computer programming, analog and digital electronics, principles of communication engineering, data communications, and telecommunications systems in the solution of engineering problems.
- PO5 Ability to function in multidisciplinary teams for projects.
- PO6 Ability to communicate effectively in both oral and written form.
- PO7 Ability to understand the impact of engineering solutions in a global/societal context.
- PO8 Ability to recognize the need for and ability to engage in a life-long learning and understanding of professional and ethical responsibility.
- PO9 Ability to use the techniques, skills and modern engineering tools necessary for engineering practice.
- PO10 Ability to participate and succeed in competitive examinations like GATE, GRE etc. and also professional practice examinations at various levels.

Major Subjects

Basic Engineering: Analog Electronics, Digital Electronics, Circuits and Transmission Lines, Microprocessors and Peripherals, Wave Theory and Propagation, Signals and Systems etc.

Core Engineering: Random Signal Analysis, Microcontrollers and Applications, Analog communication, Integrated Circuits, Digital Communication, Discrete Time Signal Processing, Computer Communication and Telecom Networks, VLSI Design etc.

Advanced Engineering: Image and Video Processing, Mobile Communication, Optical Communication and Networks, Wireless Networks, Internet and Voice Communication, Satellite Communication and Networks etc.

Application Based: Data Compression and Encryption, Statistical Signal Processing, Speech Processing, Neural Network and Fuzzy Logic, Telecom Network Management, Ultra Wideband Communication etc.

Highlights

Year of starting of course	A.Y. 2001-2002
Year of establishment of dept.	A.Y. 2002-2003
Program offered	4 years B.E. (EXTC) 2 years M.E. (EXTC), Ph.D. (Technical)
Faculty strength	32
Department library	630 books + 475 black books
No. of batches graduated	11
Success rate	85.53%
Professional chapter	IEEE-TCET
Student membership	CSI, IEEE, ISTE, IETE
Number of labs	15
Number of class rooms	06
Common facilities	Seminar Hall-03
Publication	<ul style="list-style-type: none"> • "Abhivarg" Dept.'s E-Magazine • Programme Resource book • Course resource book

Faculty Publication

Publications	Number of Faculty members	Number of Publications
ICWET+Multicon-W	23	88
International/National Journals	18	76
National Conferences	11	14
International Conferences	16	35
Module Publication	27	65

Topper's List

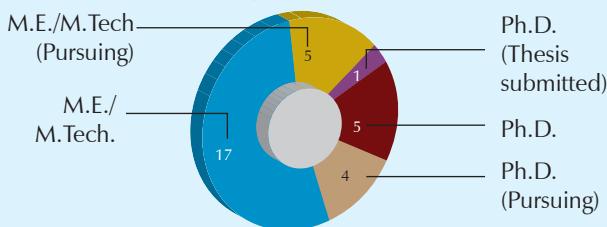
Name of the Student	%	Year
Mr. Keshri Amit Vijay Sangeeta (6th rank in UOM)	79.94	May-2015
Mr. Abhilashkumar R. Jha	76.97	May-2014
Mr. Siddharth S. Saxena	77.29	May-2013
Ms. Sushmita Bandopadhyay	79.23	May-2012
Mr. Mukesh M. Singh	77.48	May-2011
Mr. Ashish R. Singh (6th Rank in University)	79.79	May-2010

Result Highlights

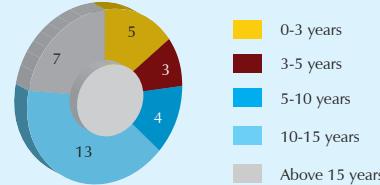


Faculty Profile

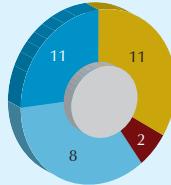
Faculty Qualification



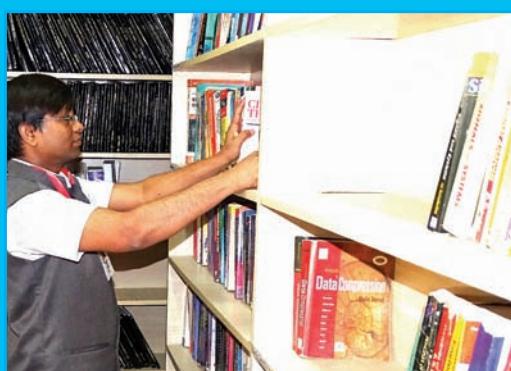
Total Experience



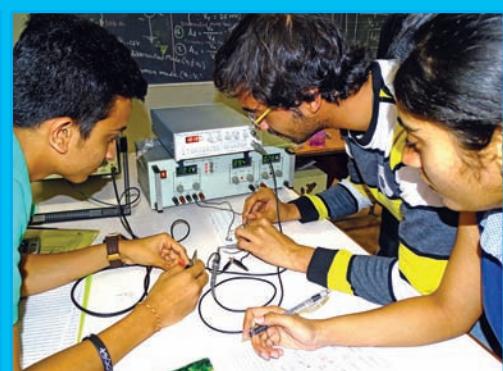
Experience in TCET



Mini Project Exhibition



Departmental Library



Microwave Device Laboratory

FACULTY LIST

Department of Electronics & Telecommunication Engineering

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)	9 years 11 months	27 years 11 months
2	Dr. Lochan Jolly (DOJ: 17.06.02)	Professor; Dean-Student & Staff (Welfare)	Ph.D.(Engineering); M.Tech.(Microelectronics Engg.; B.E.(Electronics & Telecommunication Engg.)	13 years 11 months	17 years 10 months
3	Dr.Vinitkumar Dongre (DOJ:09.06.10)	HOD (EXTC); Associate Professor	Ph.D.(Engineering); M.Tech.(Electronics & Telecomm. Engg.); B.E.(Industrial Electronics Engg.)	5 years 11 months	17 years 3 months
4	Sanjeev Ghosh (DOR:01.07.15)	Deputy HOD (EXTC); Associate Professor	Ph.D.-Pursuing; M.E.(Electronics Engg.); B.E.(Electronics & Telecomm. Engg.);	13 years 10 months	13 years 10 months
5	Dr.Madhuri Mavinkurve (DOJ:17.04.06)	Associate Professor	Ph.D.-(Education Technology); M.E.(Electronics Engg.); B.E.(Electronics Engg.)	10 years	26 years 3 months
6	Sujata Kulkarni (DOR:01.07.15)	Associate Professor; M.E. Coordinator;	Ph.D.-(Thesis submitted); M.E.(Electronics Engg.); B.E.(Electronics Engg.)	7 years 10 months	13 years 8 months
7	Payel Saha (DOJ:11.11.03)	Assistant Professor	Ph.D.-Pursuing; M.E.(Microprocessor system & application); B.E.(Electronics & Telecomm. Engg.);	12 years 6 months	12 years 9 months
8	Aradhana Manekar (DOJ:02.07.04)	Assistant Professor	M.E.(Electronics Engg.); B.E.(Electronics & Telecomm. Engg.);	11 years 10 months	13 years 8 months
9	Kalawati Patil (DOJ:01.07.05)	Assistant Professor	Ph.D.-Pursuing; M.E.(Electronics & Telecomm. Engg.); B.E.(Electronics & Telecomm. Engg.)	10 years 10 months	15 years 5 months
10	Shailendra Shastri (DOJ:07.07.05)	Assistant Professor	M.E.(Electronics & Telecomm. Engg.); B.E.(Electronics & Telecomm. Engg.)	10 years 10 months	13 years 11 months
11	Manoj Chavan (DOJ:11.07.05)	Assistant Professor	M.E.(Electronics & Telecomm. Engg.); B.E.(Electronics & Telecomm. Engg.)	10 years 10 months	13 years 11 months
12	Sonia Behra (DOJ:17.01.06)	Assistant Professor	M.E.(Electronics & Telecomm. Engg.); B.E.(Electronics & Telecomm. Engg.)	10 years 4 months	13 years 3 months
13	Archana Deshpande (DOJ:01.08.06)	Assistant Professor	M.E.(Electronics & Telecomm. Engg.); B.E.(Electrical Engg.)	9 years 9 months	17 years 10 months
14	Dr.Sangeeta Mishra (DOJ:26.11.07)	Assistant Professor	Ph.D.(Engg.); M.E.(Electronics & Telecomm. Engg.); B.Sc.Tech. (Electronics Engg.)	8 years 5 months	12 years 6 months
15	Sukruti Kaulgud (DOJ:16.07.08)	Assistant Professor	Ph.D.-Pursuing; M.E.(Electronics & Telecomm. Engg.); B.E.(Electronics & Telecomm. Engg.)	7 years 10 months	11 years 3 months
16	Deepak Shete (DOJ:16.07.08)	Assistant Professor	M.E.(Electronics & Telecomm. Engg.); B.E.(Electronics & Telecomm. Engg.)	7 years 10 months	14 years 3 months

Sr. No.	Name of Faculty Members & Date of Joining (DOJ)	Designation	Qualification	TCET Experience	Total Experience
17	Anvita Birje (DOJ:23.06.09)	Assistant Professor	M.E.(Electronics & Telecomm. Engg.); B.E.(Electronics & Telecomm. Engg.)	6 years 10 months	13 years
18	Megha Gupta (DOJ:12.08.09)	Assistant Professor	M.E.(Electronics & Telecomm.Engg.); B.E.(Electrical & Electronics Engg.)	6 years 9 months	9 years 2 months
19	Rupali Mane (DOJ:06.08.10)	Assistant Professor	M.E.(Electronics & Telecomm. Engg.); B.E.(Electronics Engg.)	7 years 9 months	12 years 9 months
20	Rashmita Kumari Mohapatra (DOJ:01.07.11)	Assistant Professor	M.Tech.(Electronics & Telecomm. Engg.); B.E.(Electronics & Communication Engg.)	4 years 10 months	9 years 9 months
21	Biju Balakrishnan (DOJ-01.07.15)	Assistant Professor	M.Tech.(Communication Engg.); B.E.(Electronics & Communication Engg.)	10 months	25 years 2 months
22	Rutvi Thakar (DOJ:18.09.12)	Assistant Professor	M.E.(Electronics & Telecomm. Engg.); B.E.(Electronics & Telecomm. Engg.)	3 years 8 months	4 years 10 months
23	Nikhil Tiwari (DOJ-03.07.15)	Assistant Professor	M.E.(Electronics & Telecomm. Engg.); B.E.(Electronics & Telecomm. Engg.)	10 months	2 years 9 months
24	Sonali Singh (DOJ-04.07.15)	Assistant Professor	M.Tech.(Power Systems); B.E.(Electrical Engg.)	10 months	12 years
25	Niket Amoda (03.08.15)	Assistant Professor	M.E.(Electronics & Telecomm. Engg.); B.E.(Electronics Engg.)	9 months	7 years
26	Poonam Chaudhari (DOJ-13.07.15)	Assistant Professor	M.E.(Electronics & Communication Engg.); B.E.(Electronics & Communication Engg.)	10 months	4 years 8 months
27	Amruta Naik (DOJ-13.07.15)	Assistant Professor	M.E.(Electronics Engg.); B.E.(Electronics Engg.)	10 months	4 years 8 months
28	Deepak Sinha (DOJ-13.07.15)	Pro-Term Lecturer	M.E.(Electronics & Telecomm. Engg.)-Pursuing; B.E.(Electronics & Telecomm. Engg.)	10 months	2 years 6 months
29	Ankita Chakor (DOJ:02.09.14)	Pro-Term Lecturer	M.E.(Electronics & Telecomm. Engg.)-Pursuing; B.E.(Electronics & Telecomm. Engg.)	1 year 8 months	1 year 8 months
30	Parita Mehta (DOJ-13.07.15)	Teaching Assistant	M.E.(Electronics & Telecomm. Engg.)-Pursuing; B.E.(Electronics & Telecomm. Engg.)	10 months	1 year 9 months
31	Priyanka Bambere (DOJ:02.09.14)	Teaching Assistant	M.E.(Electronics & Telecomm. Engg.)-Pursuing; B.E.(Electronics Engg.)	1 year 8 months	1 year 9 months
32	Supriya Dicholkar (DOJ-13.07.15)	Teaching Assistant	M.E.(Electronics & Telecomm. Engg.)-Pursuing; B.E.(Electronics & Telecomm. Engg.)	10 months	5 years 3 months

MAX Experience = 27 years 11 months

MEAN Experience = 11 years 2 months

MIN Experience = 1 year 8 months

MEDIAN Experience = 12 years 9 months

NOTE: Seniority is based on Cadre and Date of Joining (DOJ)
DOR-Date of Re-designation, DOJ - Date of Joining

Department Profile Department of Information Technology



Department of Information Technology (IT) takes pride in the quality and excellence of its teaching. Sincere efforts and sense of responsibility by Head of department and faculty members shows their maturity to understand the problems of students and nurture them accordingly. The department of IT has consistently maintained an exemplary academic record. The U.G. programme is Accredited by National Board of Accreditation (NBA), New Delhi for three years w.e.f. 16.09.2011. UG programme has been re-accredited as per revised guideline for 2 years by NBA w.e.f 1st July 2016. Also the programme has got permanent affiliation w.e.f. A.Y. 2015-16 onwards.

Dr. Vinayak Bharadi, Associate Professor & Head of Department

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 enable learners to gain a broad background across fundamental areas of information technology along with a depth of understanding in a particular area of interest within the domain of information systems.
- PEO2. To prepare learners for effectively using modern programming tools to solve real life problems.
- PEO3. To prepare learners for successful career in Indian and multinational organizations. To identify and evaluate current and emerging technologies. To assess their applicability to address the users' needs and recognize the need for continued learning and motivate students to pursue it throughout their career and higher studies.
- PEO4. To encourage and motivate learners for research & development and entrepreneurship.
- PEO5. To inculcate independent, critical thinking, problem solving and leadership skills, and develop an ability to analyze the impact of technology on individuals, organizations and society including professional, ethical, legal and public policy issues.
- PEO6. To encourage learners to use best practices and implement technologies to enhance information security and enable compliance to set guidelines, ensuring confidentiality, information integrity, and availability.
- PEO7. To develop excellent written and oral communication skills to effectively interact with clients, users, co-workers and managers. To collaborate and work in teams to accomplish a common goal by integrating personal initiative and group cooperation.

Programme Outcomes

- PO1. Ability to apply knowledge of computing, mathematics, science and engineering fundamentals appropriate to the discipline.
- PO2. Ability to analyze a problem, and identify and formulate the computing requirements appropriate to its solution.
- PO3. Ability to identify and analyze user needs and take them into account in the selection, creation, evaluation, administration and effective integration of IT-based solutions into the user environment.
- PO4. Ability to design and conduct experiments, research and development activities in computing and IT.
- PO5. Ability to use and apply current techniques, concepts, skills, and modern tools necessary for computing practice.
- PO6. Ability to analyze the local and global impact of computing on individuals, organizations, & society.
- PO7. Ability to understand the impact of sustainable development and engineering solutions in a global, economic, environmental, and societal context.
- PO8. Ability to understand professional, ethical, legal, social, cultural, security issues and responsibilities.
- PO9. Ability to function effectively both individually and in diverse and multidisciplinary teams to accomplish a common goal.
- PO10. Ability to communicate effectively with a range of audiences.
- PO11. Ability to engage in continual professional development and pursue higher studies.
- PO12. Ability to understand engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects with an understanding of best practices and standards and their application.

Major Subjects

Basic Engineering: Analog & Digital Circuits, Principles of Analog & Digital communication, Database Management Systems, Object Oriented Programming Methodology, Data Structure and Application, Computer Organization & Architecture.

Core Engineering: System & Web Security, Distributed Systems, Web Programming, Computer Networks, Operating System, Automata Theory, Computer Graphics & Virtual Reality, Open Source Technologies, Software Engineering.

Advance Engineering : Advance Database Management System, Data Mining & Business Intelligence, Advance Internet Technology, Software Project Mgmt, Storage Network Management & Retrieval.

Application based Subjects : Wireless Networks, Cloud Computing, Intelligent System, Computer Simulation and Modelling, e-Commerce & e-Business, Big Data Analytics, Software Testing & Quality Assurance.

Highlights

Year of starting of course	A.Y. 2001-2002
Year of establishment of dept.	A.Y. 2002-2003
Program offered	4 years B.E. (IT) & 2 years M.E. (IT)
Faculty strength	29
Department library	434 books 331 Black books
No. of batches graduated	11
Success rate	84.77%
Professional chapter	ACM-TCET
Student membership	CSI, IEEE, NSS, ISTE, IETE
Number of labs	08
Number of class rooms	06
Common facilities	Seminar Hall-05, Multipurpose room, Digital Library • "E-zine" Department's E-Magazine • Programme Resource book • Course resource book
Publication	

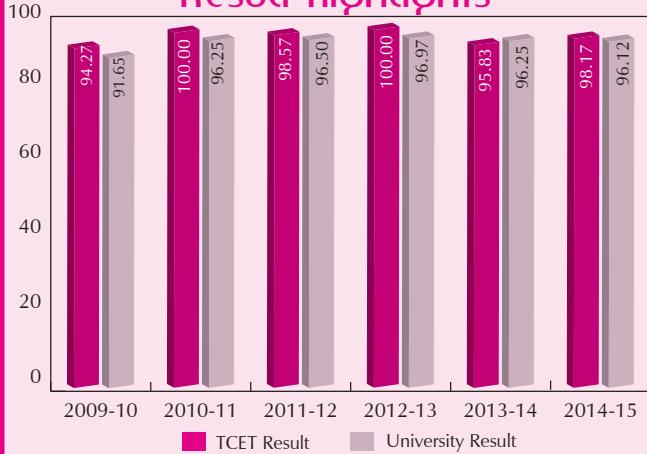
Faculty Publication

Publications	Number of Faculty members	Number of Publications
ICWET+Multicon-W	25	106
International/National Journals	23	50+
National Conferences/ International Conferences	27	98
Book Publication	06	16
Module Publication	27	106

Topper's List

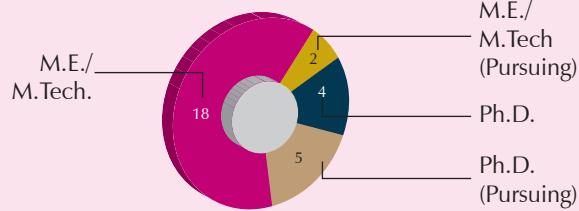
Name of the Student	%	Year
Ms. Mrunmayee P. Shirodkar	78.00	May-2015
Ms. Priyanka B. Bhandari	78.40	May-2014
Ms. Hemali J. Patel	78.73	May 2013
Mr. Ratnesh R. Singh	79.60	May 2012
Ms. Abhinaya B. Shetty (3 rd rank in University)	80.93	May 2011
Ms. Shreya Khandelwal (2 nd rank in University)	81.93	May 2010

Result Highlights

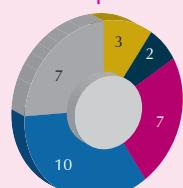


Faculty Profile

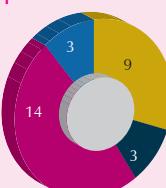
Faculty Qualification



Total Experience



Experience in TCET



e-commerce Engineering Experimentation



Mini Project Competition



Digital Communication Experimentation

FACULTY LIST

Department of Information Technology

Sr. No.	Name of Faculty Members & Date of Joining (DOJ)	Designation	Qualification	TCET Experience	Total Experience
1	Dr. Kamal Shah (DOJ:03.05.11)	Professor; Dean (R & D)	Ph.D.(Engineering.); M.E.(Electronics & Telecommunication Engg.); B.E.(Electrical Engineering)	5 years	16 years 6 months
2	Dr. Deven Shah (DOJ:08.01.16)	Professor	Ph.D.(Computer Engineering.); M.E.(Information Technology); B.E.(Electronics & Telecommunication Engg.);	3 months	19 years
3	Dr. Vinayak Bharadi (DOJ:27.11.07)	HOD (IT); Incumbent Associate Professor	Ph.D.(Engineering.); M.E.(Electronics & Telecommunication Engg.); B.E.(Electronics Engineering);	8 years 4 months	12 years 7 months
4	Vikas Kaul (DOJ:25.07.08)	Deputy HOD (IT); Assistant Professor	Ph.D.-Pursuing; M.E.(Computer Sci.) B.E.(Electronics Engg.);	7 years 8 months	17 years 4 months
5	Dr. Rajesh Bansode (DOR:01.10.14)	Associate Professor; Accreditation Coordinator	Ph.D.(Engg. & Tech.); M.Tech.(Laser science & appln.); B.Tech.(Electronics & Comm. Engg.)	9 years 10 months	14 years 8 months
6	Zahir Alam M.M. (DOR:01.10.14)	Associate Professor; T & P Officer	Ph.D.-Pursuing; M.Tech.(Electronics & Telecomm. Engg.); B.E.(Electronics Engg.)	7 years 06 months	15 years 8 months
7	Dr. Bijith Marakarkandy (DOR:01.10.14)	Associate Professor; M.E. Coordinator	Ph.D.(Management) MMM(CBSGS) M.Tech.(IT); B.E.(Instrumentation);	6 years	20 years 8 months
8	Namdeo B. Badhe (DOJ:28.01.05)	Assistant Professor	M.E.(Computer Engg.); B.E.(Computer Sci. & Engg.)	11 years 2 months	11 years 2 months
9	Vandana Munde (DOJ:03.02.05)	Assistant Professor	M.E.(Computer Tech.); B.E.(Computer Tech.)	11 years 1 month	15 years 1 month
10	Pranjali Kasture (DOJ:16.08.05)	Assistant Professor	M.E.(Computer Engg.); B.E.(Computer Engg.)	10 years 7 months	13 years 2 months
11	Anil K. Vasoya (DOJ:15.07.06)	Assistant Professor * HOC Co-ordinator	Ph.D.-Pursuing; M.E.(Computer Engg.); B.E.(Information Technology)	9 years 7 months	10 years 6 months
12	Sangeeta Vhatkar (DOJ:18.07.06)	Assistant Professor	Ph.D.-Pursuing M.Tech.(Computer Engg.); B.E.(Information Technology);	9 years 7 months	12 years 6 months
13	Vijaykumar Yele (DOJ:24.07.07)	Assistant Professor; Exam Coordinator	M.E.(Electronics & Telecomm. Engg.); B.E.(Electronics & Telecomm. Engg.);	8 years 7 months	13 years 8 months
14	Bhushan Nemade (DOJ:15.07.08)	Assistant Professor	M.E.(Computer Engg.); B.E.(Information Technology)	7 years 7 months	9 years 6 months

* HOC- Higher Education, Online Courses & Certification Cell

Sr. No.	Name of Faculty Members & Date of Joining (DOJ)	Designation	Qualification	TCET Experience	Total Experience
15	Aaditya A. Desai (DOJ:13.04.09)	Assistant Professor	Ph.D.-Pursuing M.E.(Information Technology); MBA(Management); B.E.(Information Technology);	6 years 11 months	8 years
16	Hetal Amrutia (DOJ:04.06.10)	Assistant Professor	M.E.(Computer Engg.); B.E.(Information Technology)	5 years 10 months	10 years
17	Purvi Sankhe (DOJ:07.07.10)	Assistant Professor	M.E.(Computer Engg.); B.E.(Computer Engg.)	5 years 11 months	10 years 8 months
18	Neha Kapadia (DOJ:01.07.11)	Assistant Professor	M.E.(Computer Engg.); B.E.(Information Technology)	4 years 9 months	9 years 6 months
19	Rahul Neve (DOJ:01.07.11)	Assistant Professor	M.E.(Computer Sci. & Engg.); B.E.(Information Technology)	4 years 9 months	10 years
20	Shridhar Kamble (DOJ:17.01.13)	Assistant Professor	M.E.(Information Tech.); B.E.(Computer Engg.)	3 years	3 years 3 months
21	Mary Margarat (DOJ-09.07.10)	Assistant Professor	M.E.(Computer Engg.); B.Tech.(Computer Science & Engg.)	5 years 9 months	9 years 4 months
22	Sudhir Dhekane (DOJ-06.07.15)	Assistant Professor	M.E.(Computer Engg.); B.E.(Computer Science & Engg.)	9 months	7 years 2 months
23	Neha Patwari (DOJ-06.07.15)	Assistant Professor	M.Tech.(Computer Engg.); B.E.(Computer Engg.)	9 months	6 years 3 months
24	Fiona Lawrence (DOJ:16.07.14)	Assistant Professor	M.E.(Computer Engg.); B.E.(Computer Engg.)	1 year 9 months	4 years
25	Ratna Nayak (DOJ:15.07.14)	Assistant Professor	M.Tech.(Computer Sci. & Engg.); B.E.(Computer Sci. & Engg.)	1 year 9 months	7 years
26	Prajnya Satapathy (DOJ-13.07.15)	Assistant Professor	M.Tech.(Information Technology); B.Tech.(Computer Sci. & Engg.)	9 months	10 months
27	Sandeep Shinde (DOJ-04.01.16)	Assistant Professor	M.E.(Computer Engg.); B.E.(Computer Engg.)	3 months	15 years
28	Deepti Chavan (DOJ:15.07.14)	Pro-Term Lecturer	M.E. (Computer Engg.); B.E.(Information Technology)	1 years 9 months	1 year 10 months
29	Yogita Ganage (DOJ-13.07.15)	Teaching Assistant	M.E. (Information Technology)-Pursuing; B.E.(Information Technology)	9 months	9 months
MAX Experince = 20 years 8 months MIN Experince = 8 months		MEAN Experince =10 years 2 months MEDIAN Experince = 10 years 6 months			
NOTE: Seniority is based on Cadre and Date of Joining (DOJ) DOR-Date of Redesignation, DOJ - Date of Joining,					



Electronics Engineering is started from the academic year 2008-2009 with an intake of 60. The 1st batch of final year students passed out in the academic year 2012-13. Department is striving to set new academic standards with wide acceptability of their graduates in the industry globally. Department has been accredited for 2 years by NBA w.e.f 1st July 2016. Department will be applying for permanent affiliation in A.Y. 2016-17.

Dr. Sandhya Save, Associate Professor & Head of Department

Department Vision

Department of Electronics Engineering (ETRX) will strive to achieve academic excellence in electronics and electronics related technical education in University of Mumbai to develop internationally competent professionals with a sense of responsibility and social sensitivity.

Department Mission

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

Programme Educational Objectives

- PEO1. To provide students with a strong foundation in mathematical, scientific and engineering fundamentals necessary and to identify, analyze and solve engineering problems and to prepare them for graduate studies.
- PEO2. To prepare students to demonstrate an ability to identify, formulate and solve electronics engineering problems.
- PEO3. To prepare students to demonstrate ability to design electrical and electronics systems and conduct experiments, analyze and interpret data.
- PEO4. To prepare students for successful career in industry and equip them to meet the needs of Indian and multi-national companies.
- PEO5. To develop the ability among students to synthesize data and technical concepts from applications to product design.
- PEO6. To provide opportunity to students to work as a team on multidisciplinary projects and to promote awareness among them for life-long learning and introduce them to professional ethics and codes of professional practice.

Programme Outcomes

- PO1. Ability to demonstrate knowledge of electrical and electronics engineering.
- PO2. Ability to demonstrate, identify, formulate and solve electronics engineering problems.
- PO3. Ability to design electrical and electronic circuits and conduct experiments with electrical systems, analyze and interpret data.
- PO4. Ability to design digital and analog systems and components.
- PO5. Ability to work in laboratory and other multidisciplinary tasks.
- PO6. Ability to demonstrate skills to use modern engineering tools, software and equipments to analyze problems.
- PO7. Ability to demonstrate knowledge of professional and ethical responsibilities.
- PO8. Ability to communicate effectively in both oral and written form.
- PO9. Ability to understand the impact of engineering solutions on society and also create awareness about contemporary issues.
- PO10. Ability to develop confidence for self education and ability for life-long learning.
- PO11. Ability to recognize and adapt to emerging applications in engineering and technology.
- PO12. Ability to participate and succeed in competitive examinations like GATE, GRE.

Major Subjects

Basic Engineering : Electronic Devices (ED), Circuit Theory (CT), Principles of Control Systems (PCS), Electrical Machines (EM), Advanced Engineering Mathematics (Applied Mathematics III & Applied Mathematics IV),

Fundamentals of Communication Engineering (FCE), Digital Circuits & Design (DCD), Business Communication & Ethics etc.

Core Engineering: Signals & Systems (SS), Electromagnetic

Engineering (EME) , Design with Linear Integrated Circuits (DLIC), Digital Communication (DC), Mini Project I & Mini Project II, , Microcontrollers & Applications (MCA), Basic VLSI design etc.

Advanced Engineering: Computer Organization (CO), Advanced Instrumentation Systems (AIS), Digital Signal Processing & Processors (DSPP), Advances in Biomedical Instrumentation, Advanced Networking Technologies, Advance VLSI Design, Wireless Communication, etc.

Application Engineering courses: Embedded Systems and Real-Time Programming, Filter Design, Robotics and Automation, Neural Networks and Fuzzy Logic, Electronics Product Design, Digital Image Processing, Satellite Communication etc.

Highlights

Year of starting of course	A.Y. 2008-2009
Year of establishment of dept.	A.Y. 2009-2010
Program offered	4 years B.E. (ETRX)
Faculty strength	14
No. of batches graduated	04
Department library	179 books 54 Black books
Success rate	73.49%
Professional chapter	IETE
Student membership	IETE, IEEE, NSS
Number of labs	08
Number of class rooms	03
Common facilities	Seminar Halls-03
Publication	<ul style="list-style-type: none"> • "Teletronics-Technology works wonders" Dept.'s E-Magazine • Programme Resource book • Course resource book

Faculty Publication

Publications	Number of Faculty members	Number of Publications
ICWET+Multicon-W	12	55
International/ National Journals	12	35
National Conferences	12	23
International Conferences	12	70
Book Publication	03	03
Modules Publications	13	20



Inauguration of ICWET 2016

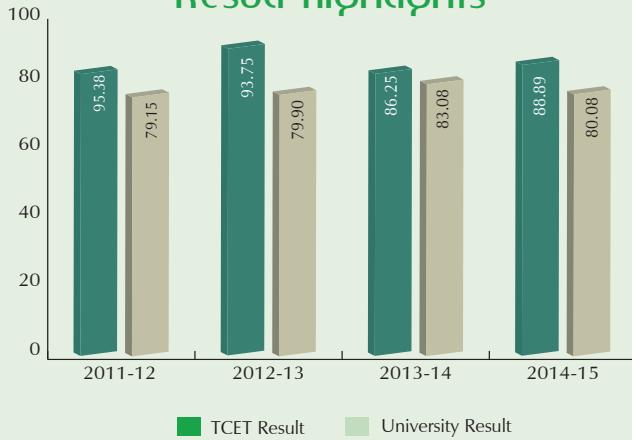


Semester review - April 2016

Topper's List

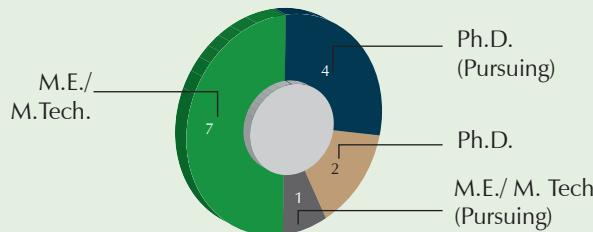
Name of the Student	%	Year
Mr. Aditya A Palekar (7th Rank in UoM)	79.23	May 2015
Ms. Pooja R Vaid	75.48	May 2014
Mr. Tanmay P. Padgaonkar	78.32	May 2013
Mr. Amit S. Dubey	78.32	May 2013
Mr. Davda Pradeep V. (4th Rank in UoM)	80.32	May-2012

Result Highlights



Faculty Profile

Faculty Qualification



Total Experience



Experience in TCET



FACULTY LIST

Department of Electronics Engineering (ETRX)

Sr. No.	Name of Faculty Members & Date of Joining (DOJ)	Designation	Qualification	TCET Experience	Total Experience
1	Dr.Sandhya Save (DOR:01.10.14)	HOD (ETRX); Associate Professor	Ph.D.(Engg.); M.Tech.(Electronics Engg.); B.E.(Electronics Engg.)	6 years 9 months	16 years 4 months
2	Dr.Sanjay C. Patil (DOJ:08.07.13)	Deputy HOD (ETRX); Associate Professor	Ph.D.(Engineering); M.Tech.(Electronics Engg.); B.E.(Electronics Engg.)	2 years 10 months	25 years
3	Poorva G. Waingankar (DOJ:15.09.08)	Associate Professor	Ph.D.-Pursuing; M.Tech. (Microelectronics); B.E.(Electronics Engg.)	7 years 8 months	26 years 4 months
4	Hemant Kasturiwale (DOR:01.10.14)	In-charge Examination; Associate Professor	Ph.D.-Pursuing; M.E.(Electronics Engg.); B.E.(Electrical Engg.)	6 years 2 months	20 years 7 months
5	Jyoti Kori (DOJ:01.07.05)	Assistant Professor	M.E.(Electronics & Telecomm. Engg.); B.E.(Electronics Engg.); PGDCS;	10 years 10 months	15 years 5 months
6	Sujata Dubal (DOJ:27.11.07)	Assistant Professor	Ph.D.-Pursuing; M.E.(Electronics & Telecomm. Engg.); B.E.(Electronics & Telecomm. Engg.); PGDBA(Finance)	8 years 5 months	9 years
7	Archana Belge (DOJ:21.07.08)	Assistant Professor	Ph.D.-Pursuing; M.Tech.(I.P.S.) B.E.(EXPO);	7 years 9 months	9 years 4 months
8	Sonal Barvey (DOJ:10.08.09)	Assistant Professor	M.E.(Electronics & Telecomm. Engg.); B.E.(Electrical Engg.);	6 years 10 months	8 years 9 months
9	Vaibhav Gijare (DOJ:13.07.10)	Assistant Professor	M.E.(Electronics & Telecomm. Engg.); MBA(Education Management); B.E.(Electronics Engg.);	5 years 10 months	13 years 11 months
10	Leena Chakraborty (DOJ:04.07.11)	Assistant Professor	M.Tech.(Electronics Engg.); B.E.(Instrumentation);	4 years 10 months	10 years
11	Sumit Kumar (DOJ-13.07.15)	Assistant Professor	M.Tech.(Electronics Engg.); B.Tech.(Electronics Engg);	10 months	1 year
12	Shaweta Gulati (DOJ-15.07.15)	Assistant Professor	M.Tech.(Electronics & Communication Engg.); B.E.(Electronics & Communication Engg);	10 months	4 years 6 months
13	Ginsha Tony (DOJ-4.01.16)	Assistant Professor	M.E.(Applied Electronics Engg.); B.Tech.(Electronics & Biomedical Engg);	4 months	4 years 8 months
14	Sneha Rodrigues (DOJ-02.09.14)	Teaching Assistant	M.E.(Electronics & Telecomm. Engg.)-Pursuing; B.E.(Electronics & Telecomm. Engg);	4 months	1 year 6 months
MAX Experince = 26 years 4 months MIN Experince = 1 year		MEAN Experince =11 years 5 months MEDIAN Experince = 9 years 5 months			
NOTE: Seniority is based on Cadre and Date of Joining (DOJ) DOR-Date of Redesignation, DOJ - Date of Joining					

Department Profile Department of Mechanical Engineering



The Department of Mechanical Engineering started from the academic year 2012-2013 with an intake of 120. Faculty members are committed to provide student's needs with class rooms and state-of-the-art laboratories to provide a perfect blend of intellectual and practical experiences, which will help them to serve our society and address a variety of needs. The Department is focusing on developing cutting-edge technologies of interdisciplinary nature on multiple scales and thereby prepare students for entry-level work as a mechanical engineer, as well as for the post-graduate study in mechanical engineering. First batch will be passed out in the A.Y. 2015-16. Therefore the department primary concerns are the success rate and placement at par with other established department and also look forward for NBA Accreditation once two batches are out.

Mr. Jayant Patil, In-Charge HOD, Asst. Professor

Department Vision

"To be a internationally renowned Mechanical Engineering department producing eminent graduates with sense of responsibility and social sensitivity."

Department Mission

To provide an academic foundation in Mechanical Engineering while imbibing in them professional ethics and social values through state of the art facilities to make Engineers globally competitive and innovative in developing solutions to technical, environmental and social problems with opportunities to strengthen their leadership, entrepreneurial skills and research proficiency.

Programme Educational Objectives

- PEO1. To prepare learner with sound foundation in the mathematical, scientific and engineering fundamentals.
- PEO2. To prepare Learner to use modern tools effectively in order to solve real life problems.
- PEO3. To prepare learner for a successful career in Indian and Multinational Organisations and to excel in their postgraduate studies.
- PEO4. To encourage and motivate learner's in the art of self-learning.
- PEO5. To inculcate a professional and ethical attitude, good leadership qualities and commitment to social responsibilities in the Learner's thought process.
- PEO6. To prepare students for successful career in the industry by identifying and upgrading the gaps between the curriculum and industries requirement.

Programme Outcomes

- PO1. An ability to apply the knowledge of mathematics, science and engineering fundamentals.
- PO2. An ability to identify, formulate, analyse and solve Mechanical Engineering problems
- PO3. An ability to design mechanical engineering components, processes and solutions within economic, environmental, ethical and manufacturability constraints.
- PO4. An ability to conduct Investigations using design of experiments, analysis and interpretation of data to arrive at valid conclusions
- PO5. An ability to use the appropriate techniques and modern engineering tools necessary for Engineering practice
- PO6. The broad education necessary to understand the impact of engineering solutions in a global, economic, cultural, and societal context.
- PO7. Understand the impact of professional engineering solutions with context to environmental and sustainable development.
- PO8. An ability to understand professional, ethical and social responsibility
- PO9. An ability to function effectively in multidisciplinary teams.
- PO10. An ability to communicate effectively through written reports or oral presentations
- PO11. An ability to recognize the need and to engage in independent and life-long learning.
- PO12. An ability to apply the principles of management to manage projects in multidisciplinary environments

Major Subjects

Basic Engineering : Engineering Mechanics, Applied Thermodynamics, Strength of Materials, Material Technology, Fluid Mechanics etc

Core Engineering: Machine Design, Theory of Machines, Heat Transfer, Fluid Mechanics, Production Process, Manufacturing Planning and Control, Thermal and fluid power Engineering etc.

Advanced Engineering: Mechanical Vibrations, Computer Aided Machine Drawing, CAD/CAE/CAM, Finite element analysis , Mechatronics, Industrial Electronics, etc.

Application Engineering courses: Power Plant Engineering, Piping Engineering, Automobile Engineering Non Conventional Energy Sources, Refrigeration and air conditioning, Mechanical Utility systems, mechanical measurement and control. Metrology and quality engineering, etc.

Highlights

Year of starting of course	A.Y. 2011-2012
Year of establishment of dept	A.Y. 2012-2013
Program offered	04 years B.E. in Mechanical Engineering
No. of Batches graduated	First batch will pass in A.Y. 2015-16
Faculty strength	24
Professional chapter	ASME
Student membership	ASME, ISTE, NSS
Number of labs	10
Number of class rooms	06
Common facilities	Seminar Hall, Digital Library, Tutorial rooms
Publication	<ul style="list-style-type: none"> • Programme Resource Book • Course Resource Book

Faculty Publication

Publications	Number of Faculty members	Number of Publications
ICWDMA+MultionW	24	52
International/National Journals	10	11
National /International Conferences	14	21
Modules Publications	09	06



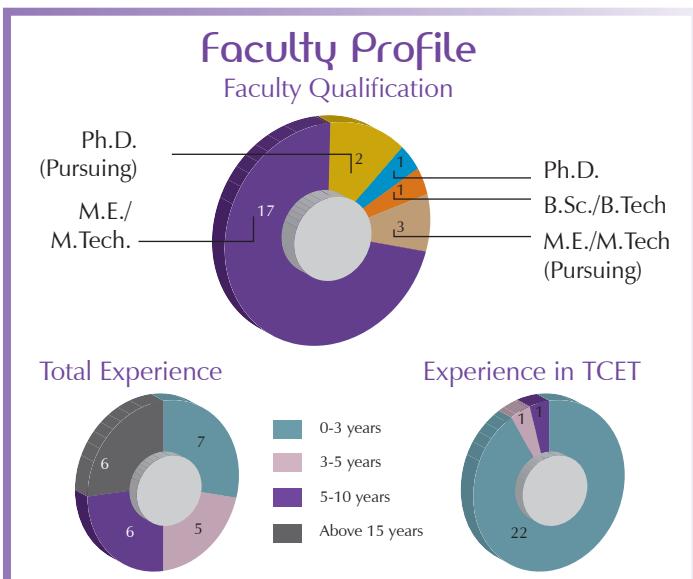
Metrology and Quality Engineering Laboratory



Machine Shop



Mechanical Vibration Laboratory



FACULTY LIST

Department of Mechanical Engineering (MECH.)

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 & Mentor	Ph.D.(Mechanical Engg.) M.E.(Production Management Engineering) B.E.(Industrial & Production Engineering)	8 months	24 years 6 months
2	Jayant Patil (DOJ:14.01.13)	In-charge HOD (Mechanical); Asst. Professor	Ph.D.-Pursuing; M.E.(Production Engg.); B.E.(Mechanical Engg.);	3 years 2 months	20 years
3	Rajeshwar Deshmukh (DOJ:06.07.13)	Deputy HOD (Mechanical); Asst. Professor	Ph.D.-Pursuing; M.E.(Mechanical Engg); B.E.(Production Engg.);	2 years 9 months	22 years 6 months
4	Rajesh Behra (DOJ:13.02.07)	Assistant Professor	M.E.(Mechanical with CAD/CAM & Robotics); B.E.(Mechanical Engg.);	9 years 1 month	17 years 6 months
5	Nikita Gawai (DOJ:18.06.13)	Assistant Professor	M.Tech.(Mechanical Engg. Design); B.E.(Mechanical Engg.)	2 years 9 months	5 years 6 months
6	Krishna Caikwad (DOJ:18.06.13)	Assistant Professor	M.Tech.(Mechanical-CAD/CAM); B.E.(Mechanical Engg.)	2 years 9 months	2 years 11 months
7	Jitendra Thombre (DOJ:02.08.13)	Assistant Professor	M.Tech.(Mechanical-Heat & Power); B.E.(Mechanical Engg.)	2 years 7 months	22 years 6 months
8	Rupesh Deshbhratar (DOJ:02.08.13)	Assistant Professor	M.Tech.(Heat Power); B.E.(Mechanical Engg.)	2 years 7 months	5 years 6 months
9	Jaisinghani Rajeshwari S. (DOJ:06.08.13)	Assistant Professor	M.E.(Mechanical Engg); B.E.(Production Engg.);	2 years 7 months	7 years 6 months
10	Neha Chauhan (DOJ:28.07.14)	Assistant Professor	M.Tech.(Mechanical-CAD/CAM); B.E.(Mechanical Engg.)	1 year 8 months	6 years
11	Muzawar Iqbal (DOJ-06.07.15)	Assistant Professor	M.E.Mechanical Engg.) B.E.(Mechanical Engg.)	9 months	5 years 6 months
12	Mahendra Shelar (DOJ-06.07.15)	Assistant Professor	M.Tech.(Mechanical Specialization in Auto. Engg); B.E.(Mechanical Engg.)	9 months	5 years 6 months
13	Vinay Bhatkar (DOJ-06.07.15)	Assistant Professor	M.E.(Mechanical Engg.) B.E.(Mechanical Engg.)	9 months	3 years 6 months
14	Swetha Sureshkumar (DOJ-06.07.15)	Assistant Professor	M.Tech.(Machine Design); B.E.(Production Engg.);	9 months	4 years 6 months
15	Shanmukgaraja Thamizharasan (DOJ-10.07.15)	Assistant Professor	M.Tech.(Mechanical Engg.) B.E.(Mechanical Engg.)	9 months	3 years 6 months
16	Abhijit Rane (DOJ-09.07.15)	Assistant Professor	M.E.(Mech. CAD/CAM Engg.) B.E.(Mechanical Engg.)	9 months	4 years 6 months
17	Pawan Tiwari (DOJ-10.07.15)	Assistant Professor	M.Tech.(Thermal Engineering); B.Tech.(Mechanical Engg)	9 months	1 year 6 months
18	Amol Sapkal (DOJ-27.07.15)	Assistant Professor	M.E.(Automobile Engg.) B.E.(Mechanical Engg.)	9 months	9 months
19	Vikas Somankar (DOJ-05.08.15)	Assistant Professor	M.Tech.(Mechanical Engg with Automobile Engg.) B.E.(Mechanical Engg.)	8 months	1 year 6 months
20	Sirsikar Saurabh (DOJ-06.08.15)	Assistant Professor	M.Tech.(Mechanical Engg with Automobile Engg.) B.E.(Mechanical Engg.)	8 months	1 year 9 months
21	Jitendra Chavan (DOJ-06.07.15)	Pro-Term Lecturer	M.Tech (Production Engg)-Pursuing; B.E. (Production Engg.)	9 months	2 years
22	Mayur Mhamunkar (DOJ 08.07.15)	Pro-Term Lecturer	M.E.-Pursuing B.E.(Mechanical Engineering)	9 months	4 years 6 months
23	Rupesh Mahajan (DOJ-20.08.15)	Pro-Term Lecturer	M.E.-Pursuing B.E.(Mechanical Engineering)	8 months	1 year 3 months
24	Anil Bisaria (DOJ:01.08.14)	I/c. Workshop Superintendent	B.Tech.(Hons.); B.Sc.(Phy.,Chem.,Maths)	1 year 9 months	46 years 6 months

MAX Experince = 46 years 6 months
MIN Experince = 9 months

MEAN Experince =8 years 8 months
MEDIAN Experince = 4 years 5 months

NOTE: Seniority is based on Cadre and Date of Joining (DOJ)
DOR-Date of Redesignation, DOJ - Date of Joining

CIVIL - A NEW COURSE STARTED IN A.Y. 2014-15

WHY TO JOIN CIVIL ENGINEERING?

Civil engineering is the oldest branch of engineering and incorporates the design and construction of

- Roads, airports, tunnels, bridges, water supply and sewage systems,
- Dams, harbor, railroad systems, docks, power supply systems,
- Buildings and even nuclear power plants etc.

Civil Engineering has several specialization which includes : construction engineers, transportation engineers, hydraulic and irrigation engineers, geotechnical engineers, environmental engineers and public works engineers.

JOB PROFILE FOR CIVIL ENGINEERS:

- Civil engineers have to work in the office and at the site. Contracting engineers as well as consulting civil engineers have to work on several sites at the same time.
- They are also required to deal with critical problems such as disaster mitigation and management.
- Structural engineers design oil rigs, multi-storied car parks or office blocks to ensure that the structural framework of the building is strong enough to take the load for which the structure is meant. It is also designed to withstand heat, cold and tremors. They develop non conventional construction materials and techniques, e.g., special bridge structures, building framework etc.
- Water management engineers specialize in water supply, sewerage systems and pollution control.
- Highway engineers are involved in assessing, planning rebuilding road networks, one way systems, traffic lights, lanes, parking spaces etc. Highway engineers are concerned with road building and traffic management.



EMPLOYMENT OPPORTUNITIES

- Civil engineers are employed in the public and private sectors in large numbers in all branches of design, construction, maintenance of roads, highways, bridges, dams, canals, docks, airports, housing complexes and in environment management etc. Civil engineers also make a career in quality testing laboratories, join military and defense services, or work as consultants.

OPPORTUNITIES AS FEMALE CIVIL ENGINEER

- Female candidate can work as project managers and structural designers in regular office. They can also contribute as environmental engineers and consultants with industry and government.

EARNINGS

1.73 Lakh to 9.84 Lakhs per annum

(Salary data sourced from PayScale.com)

EARNINGS DETAILS

Fresher : ₹ 30,000 to ₹ 40,000 a month.

With experience : ₹ 50,000 to ₹ 90,000 a month.

15-20 years experience: upwards of ₹ 1 lakh a month

RECRUITING COMPANIES

- Airport Authority of India
- BHEL
- Construction firms
- Defense forces
- Development Boards
- Larsen & Toubro
- Municipal bodies
- National Highway Authority of India

Department Profile Department of Civil Engineering



Recent years have seen tremendous increase in the demand for Civil Engineering which is mainly because of the exponential growth in the sector of infrastructure and the allied industry. This has also added to the increased demand in R & D and education sector. Responding to the need of the hour, the institute has started the department of Civil Engineering from the academic year 2014-15, with an intake of 120 seats. Therefore first batch has reached to third year in the current A.Y. 2016-17 and therefore department of civil engineering is established and laboratories are developed for second year. The development of laboratories for T.E.(V & VI semester) is in progress and will be completed before the starting of the semester. The department is committed to nurture rigor for academics, co-curricular and extra-curricular activities amongst its students and is confident of becoming at par with the established departments in the institute and the recognition at National and International level.

Ms. Seema Jagtap, In-Charge HOD, Asst. Professor

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 To prepare learners with a sound foundation in the mathematical, scientific and engineering fundamentals | PEO4 To encourage and motivate learners for self-learning |
| PEO2 To prepare learners to use modern tools effectively to solve real life problems | PEO5 To inculcate professional and ethical attitude, good leadership qualities and commitment to social responsibilities in the learners |
| PEO3 To prepare learners for successful career in Indian and multinational organizations, and to excel in postgraduate studies | PEO6 To prepare students by bridging the gaps between the curriculum and industries requirement |

Programme Outcomes

The learner should be:

- PO1. Able to apply knowledge of mathematics, engineering and technology to the discipline
- PO2. Able to identify and solve real life problems
- PO3. Able to demonstrate their ability to deal effectively with ethical and professional issues
- PO4. Able to function in Indian and multinational organizations
- PO5. Able to perform academic activities and achieve the expected requirements by conforming to a pre -defined process as set by the institute and university.
- PO6: Able to efficiently make use of additional training provided throughout the course thereby satisfying industry requirements and become globally employable.
- PO7. Able to communicate effectively to both technical and non-technical audiences
- PO8. Able to become a versatile professional and function effectively as an individual and as a member of a team
- PO9. Able to understand professional, ethical, legal, security, and social issues and responsibilities

Major Subjects

Basic Engineering : Engineering Mechanics, Applied Mathematics, Engineering Drawing, Fluid Mechanics, Strength of Materials etc.

Core Engineering: Building Materials and Construction, Concrete Technology, Engineering Geology, Structural Analysis, Building Design and drawing, Construction Engineering etc.

Advanced Engineering: Construction Management, Environmental Engineering, Quantity Survey, Estimation and costing, Advanced Structural Analysis, Advanced Foundation Engineering, Pavement Subgrade & Materials, Air Pollution, Prestressed Concrete etc.

Application Engineering courses: Structural Dynamics, Risk and Value Management, Applied Hydraulics, Reinforced Concrete Repairs and Maintenance, Traffic Engineering and Control, Advanced Computational Techniques etc



Applied Hydraulics Laboratory



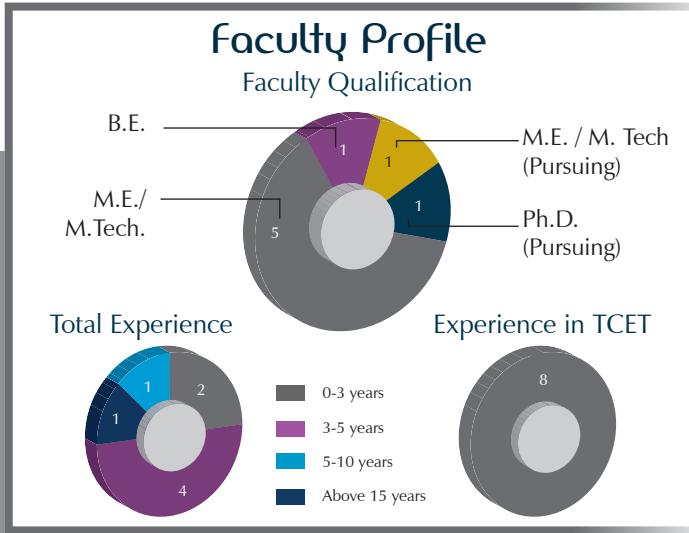
Survey Laboratory



Building Material Testing



Survey Project

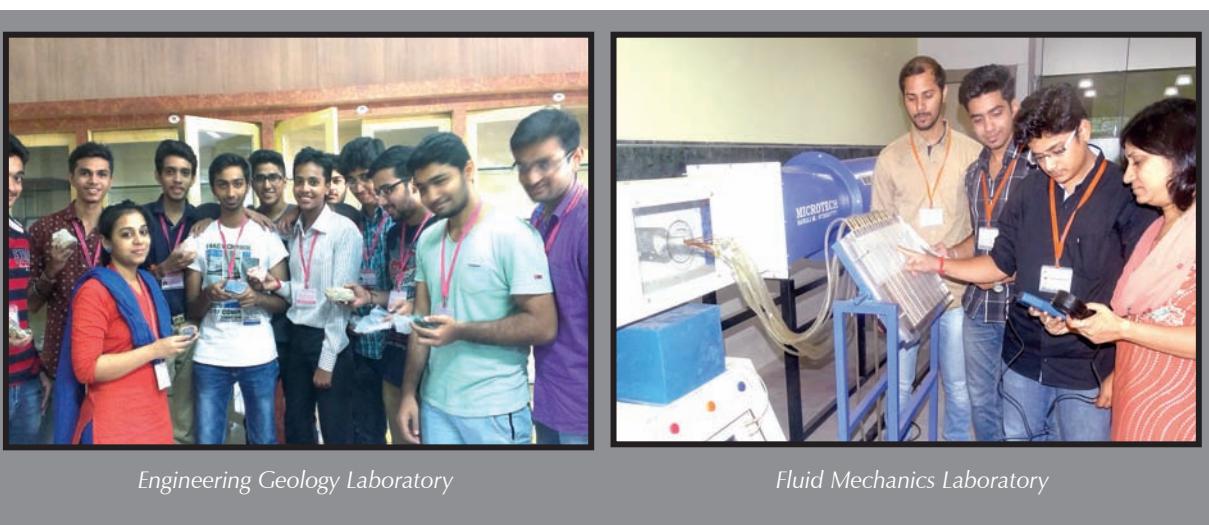


Civil engineering branch is in the second year and faculty members will be recruited as the branch will grow.

FACULTY LIST

Department of Civil Engineering (Civil)

Sr. No.	Name of Faculty Members & Date of Joining (DOJ)	Designation	Qualification	TCET Experience	Total Experience				
1	Seema Jagtap (DOJ:15.12.14)	I/c.HOD(CIVIL); Assistant Professor	Ph.D.-Pursuing; M.TECH.(Hydraulics-Civil); B.E.(Civil Engg.)	1 year 3 months	17 years				
2	Nimitha Vijayaraghavan (DOJ-20.07.15)	In-charge Deputy HOD(CIVIL); Assistant Professor	M.Tech.(Construction Management); B.E.(Civil Engg.)	8 months	6 years				
3	Ugandhara Gaikwad (DOJ-07.07.15)	Assistant Professor	M.Tech.(Water Resources Engg.); B.Tech.(Civil Engg.)	8 months	4 years 2 months				
4	Nilesh Patil (DOJ-07.07.15)	Assistant Professor	M.E.(Construction Management); B.E.(Civil Engg.)	8 months	4 years 8 months				
5	Harapriya Panda (DOJ-09.07.15)	Assistant Professor	M.Tech. (Geotechnical Engg.); B.Tech.(Civil Engg.)	8 months	3 years 8 months				
6	Rutuja Shinde (DOJ-13.07.15)	Assistant Professor	M.E.(Water Resources & Env. Engg.); B.Tech.(Civil Engg.)	8 months	3 years 6 months				
7	Chaitaly Mehta (DOJ-20.07.15)	Pro-Term Lecturer	M.E.(Civil Engineering)-Pursuing; B.E.(Civil Engineering)	8 months	2 years 6 months				
8	Rahul Patil (DOJ-01.09.15)	Pro-Term Lecturer	B.E.(Civil Engg.)	6 months	1 year 11 months				
MAX Experince = 17 years		MEAN Experince = 5 years 5 months							
MIN Experince = 1 year		MEDIAN Experince = 3 years 5 months							
8 more faculty members will be added in AY 2016-17 and the faculty strength will be 16.									
NOTE: Seniority is based on Cadre and Date of Joining (DOJ) DOR-Date of Redesignation, DOJ - Date of Joining									



Glimpses of Independence day celebration : 15th August 2015



Glimpses of Republic day celebration : 26th January 2016



Industry-Institute Symposium





M.E. EXTC Class 2015-16



Ms. Sujata Kulkarni
M.E. Co-ordinator, EXTC

The P. G. department is headed by the Dr. Lochan Jolly, and is committed towards providing the students not only quality education, training and research opportunities but also an enriching experience that lasts a lifetime. She is assisted by M.E. Coordinator, Ms. Sujata Kulkarni.

The M.E. (EXTC) Course is a two year full time programme. Major subjects covered in the first year under the course includes: Statistical Signal Analysis, Optical Fiber Communication, Digital Signal Processing and its Applications, Advanced Digital Communications, Mobile and Wireless Communications, Microwave and Millimeter wave Communication Systems and four elective subjects. The second year is fully devoted for project work.

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. Department is striving to get NBA PG accreditation of PG-EXT^C Programme.

Best Practices

- ➡ Conduction of Foundation Program before the start of academic year
- ➡ Student-Centric learning environment
- ➡ Regular conduct of lectures and practical
- ➡ Timely completion of course and dissertation
- ➡ Offering most of the elective subjects for domain specialization and to encourage research activity.

- ➡ 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 like SAMEER
- ➡ Most of the students get first class / Distinction

Key Facilities

- ➡ Stipend for GATE qualified students by AICTE
- ➡ Teaching assistantship for deserving & needy student
- ➡ Placement Assistance for deserving eligible students

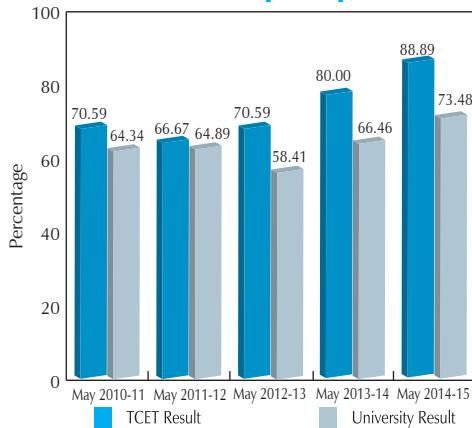
- ➡ Well equipped laboratories.
- ➡ Well stacked Library with e-resources and large number of on-line subscriptions
- ➡ Ph. D. Research Centre (EXT^C) of University of Mumbai

Key Activities

- ➡ Remote learning facility in association with IIT-Bombay
- ➡ Engineering Colloquium for post graduate students and doctoral scholars
- ➡ Participation of second year M.E. students in Mumbai University project competition 'AVISHKAR'

- ➡ Projects selected for project competition at state level for 'AVISHKAR-2011 & 2013'
- ➡ Innovation Centre of Excellence by Accenture

Result Highlights



M.E. FACULTY LIST

Department of Electronics & Telecommunication Engineering

Sr No.	Name of Faculty	Designation	Subjects
1.	Dr. Lochan Jolly	Professor & Dean Student & Staff Welfare	Optical Fiber Communication, Advance Satellite Communication, Optical Networks
2.	Dr. Vinitkumar Dongre	Associate Professor, HOD-EXTC	Micro Electro Mechanical Systems, Microwave and Millimeter wave Communication Systems, Advanced Antenna and Arrays,
3.	Mr. Sanjeev Ghosh	Associate Professor & Deputy HOD - EXTC	Image and Video Processing and Broadcasting, Advanced Digital Communications, Speech Processing
4.	Ms. Sujata Kulkarni	Associate Professor & M.E. Coordinator - EXTC	Modeling and Simulation of Communication System, Next Generation Networks, Network Security
5.	Ms. Payel Saha	Assistant Professor - EXTC	Advance Satellite Communication, Network Security
6.	Dr. Sandhya Save	Associate Professor & HOD - Electronics	Digital Signal Processing and Applications, VLSI and Mixed Signal Circuits and System, Nano-Electronics
7.	Mrs. Poorva Waingankar	Associate Professor - ETRX	Image and Video Processing and Broadcasting
8.	Mr. Hemant Kasturiwale	Associate Professor ETRX	Digital Signal Processing and Applications, Adaptive Signal Processing
9.	Ms. Jyoti Kori	Assistant Professor	Statistical Signal Analysis
10.	Dr. Vinayak Bharadi	Associate Professor & HOD- IT	Wavelets
11.	Mr. Rajesh Bansode	Associate Professor	Mobile and Wireless Communications

LIST OF FACULTY RECOGNIZED AS A TEACHER OF THE UNIVERSITY FOR THE M.E. DEGREE IN ELECTRONICS & TELECOMMUNIATION ENGINEERING

Sr. No.	Name of the Faculty	Present Designation
1.	Dr. B.K. Mishra	Principal
2.	Dr. R. R. Sedamkar	Professor & Dean Academic
3.	Dr. Lochan Jolly	Professor & Dean Student & Staff Welfare
4.	Dr. Vinitkumar Dongre	Associate Professor, HOD - EXTC
5.	Mr. Sanjeev Ghosh	Associate Professor & Deputy HOD - EXTC
6.	Dr. Madhuri K. Mavinkurve	Associate Professor
7.	Mrs. Sujata Kulkarni	Associate Professor & M.E. Coodinator - EXTC
8.	Ms. Payel Saha	Assistant Professor & MR
9.	Dr. Sandhya Save	Associate Professor & HOD - Electronics
10.	Mrs. Poorva G. Waingankar	Associate Professor
11.	Mr. Hemant Kasturiwale	Associate Professor & In-charge Examination
12.	Dr. Bijith Marakarkandy	Associate Professor & M.E. Coordinator - IT
13.	Mr. Rajesh Bansode	Associate Professor



M.E. - EXTC Software Laboratory



M.E. CMPN Class 2015-16



Dr. Sheetal Rathi
M.E. Co-ordinator, CMPN

The Department is offering Postgraduate programme in engineering i.e. M.E.(CMPN) with an approved intake of 18 by AICTE and affiliated to University of Mumbai. The P G department is headed by Dr. R.R. Sedamkar, Professor & Dean Academic. He is assisted by M.E. Coordinator, Dr. Sheetal Rathi.

The PG programme is aimed at preparing manpower with sound theoretical and experimental background in advanced areas of research in the engineering, sciences and interdisciplinary subjects. The programme structure is based on Credit Based Semester and Grading System having a duration of two years. A vital element of this programme is to instill the inclination of independent thinking and innovation by the candidates in planning and execution of the research work. There is a wide platter of subject offerings ranging from Parallel Computing, Advanced Database Management Systems, Distributed Operating Systems, Storage Area networks, Business Intelligence to Wireless Technologies etc. The programme also offers a wide choice of elective courses so that students can specialize in their chosen field of interest like storage area networks, soft computing, E-Business technology, semantic web technology etc. The second year is entirely dedicated for project work.

The Department is enriched with adequate faculty as well as infrastructure to support proper shaping of the students as professionals. Because of total strength of 18 students, there is a one- to-one connect between students and faculty, thereby guiding and motivating them for quality research. Department is striving to get NBA PG accreditation of PG-CMPN. Programme.

Best Practices

- Effective Teaching Learning process by maintaining the rigor of theory with additional inputs beyond syllabus
- Proactive engagement of faculty and students in designing of lab assignments to relate it with respective theory
- Promotion of research based projects by active participation of faculty and students in various National and International conferences,

- workshops, seminars and symposia.
- Motivation for quality industry standard projects to make student 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

Key Facilities

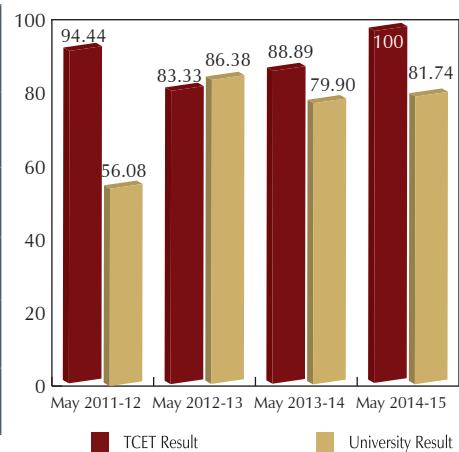
- Well equipped state of art laboratories for teaching and research
- Full stacked library with sufficient text books and reference books

- Access to National and International Journals
- Convenient timings and timely completion of work

Topper's List

Name of the Student	%	Year
Ms. Kavita Akhilesh	SGPA 9.95/10	May 2015
Ms Pamli B Basak	SGPA 9.27/10	May 2014
Ms Sonal S Save	SGPA 9.27/10	May 2014
Ms. T. G. Lakshmi	SGPA 9.82/10	May 2013
Ms. Jeshalkumar Joshi	76.67%	May 2012

Result Highlights



M.E. FACULTY LIST

Department of Computer Engineering

Sr No.	Name of Faculty	Designation	Subjects
1	Dr. R.R.Sedamkar	Professor,Dean (Academics) HOD (PG) CMPN	Network Design and Management, Emerging Wireless Technology
2	Mr. Kiran Bhandari	Associate Professor, Deputy HOD (UG) CMPN	Software Testing, Soft Computing
3	Dr. Sheetal Rathi	Assistant Professor, M.E Co-ordinator, CMPN	E-Business Technology, Decision Making and Adaptive Business Intelligence, Advanced Computer Graphics
4	Ms. Shiwani Gupta	Assistant Professor	Advanced Algorithm and Complexity, Semantic Web Technology
5	Mr. Sanjay Sharma	Assistant Professor	Decision Making and Adaptive Business Intelligence, Advanced Algorithm and Complexity
6	Ms. Harshali Patil	Assistant Professor	Storage Area Network, Software Testing
7	Ms. Megharani Patil	Assistant Professor	Parallel Computing, Soft Computing
8	Mr. Anand Khandare	Assistant Professor	Advanced Operating System, Advance Database Design
9	Ms. Rashmi Thakur	Assistant Professor	Advance Database Design, Cyber Security
13	Ms. Veena Kulkarni	Assistant Professor	E-Business Technology, Storage Area Network

LIST OF FACULTY RECOGNIZED AS A TEACHER OF THE UNIVERSITY FOR THE M.E. DEGREE IN COMPUTER ENGINEERING

Sr. No.	Name of the Faculty	Present Designation
1	Dr. R. R. Sedamkar	Professor & Dean Academic
2	Mr. Kiran Bhandari	Associate Professor, Deputy HOD (UG) CMPN
3	Dr. Sheetal Rathi	Assistant Professor, M.E Co-ordinator, CMPN
4	Ms. Shiwani Gupta	Assistant Professor, CMPN
5.	Mr. Sanjay Sharma	Assistant Professor, CMPN
6.	Ms. Harshali Patil	Assistant Professor, CMPN
7.	Ms. Megharani Patil	Assistant Professor, CMPN
8.	Mr. Anand Khandare	Assistant Professor, CMPN
9.	Ms. Rashmi Thakur	Assistant Professor, CMPN
10.	Ms. Veena Kulkarni	Assistant Professor, CMPN



M.E. - CMPN Software Laboratory



M.E. IT Classroom 2015-16



Dr. Bijith Marakarkandy
M.E. Co-ordinator, IT

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.

As per ordinance 0.3609 of University of Mumbai Principal has nominated Dr. Bijith Marakarkandy to function as Coordinator to look after the teaching facilities, maintenance of record of attendance of students and teachers, provision of minimum amenities to students and submitting the necessary reports of compliances to the University of Mumbai. The department has 6 recognized teachers who have a strong commitment to deliver quality education to keep pace with the current technology trends.

The programme structure is based on Credit Based Semester and Grading System having a duration of two years. The course offerings in IT engineering has a drastic shift from core computer science to specialty providers for different industries viz. Health care, Manufacturing, Construction and many more. 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

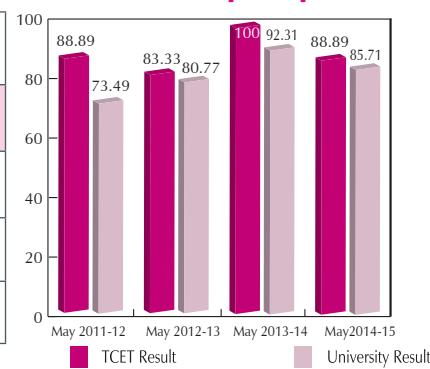
- Dedicated P.G. Laboratory with broadband Internet facility
- More than 349 M.E. text books and reference books available in the library
- 5 National journals & 6

International Journals of reputed E-databases such as IEEE, Springer, Elsevier - Science directs, JGATE, ASTM Digital Library, McGraw Hill - Access Engineering Library etc.

Topper's List

Name of the Student	%	Year
Mr Kaloya Rakesh M.	SGPA 9.27/10	May 2015
Ms. Shraddha S. More	SGPA 8.91/10	May 2014
Mr. Jay L. Borade	SGPA 8.91/10	May 2013
Ms. Neha J. Jain	73.20	May 2012

Result Highlights



M.E. FACULTY LIST

Department of Information & Technology

Sr. No.	Name of Faculty	Designation	Subjects
1	Dr.Vinayak Bharadi	Associate Professor	Data Storage Management and Retrieval, Application of DSP for Multimedia Communication
2.	Dr. Deven Shah	Professor	Enterprise Security and Risk Management
2	Mr.Rajesh Bansode	Associate Professor	Network Design and Management
3	Mr.Zahir Alam	Associate Professor	Usability Engineering, E-Business Techniques
4	Ms.Sangeeta Vhatkar	Assistant Professor	Advanced Data Mining with BI, Data Storage Management and Retrieval, Software Quality Assurance
5	Dr. Bijith Marakarkandy	Associate Professor	Operation Research, E-Business Techniques knowledge Management

LIST OF FACULTY RECOGNIZED AS A TEACHER OF THE UNIVERSITY FOR THE M.E. DEGREE IN INFORMATION TECHNOLOGY

Sr. No.	Name of the Faculty	Present Designation
1	Dr. B.K. Mishra	Principal
2.	Dr. Deven Shah	Professor
3.	Dr. Bijith Marakarkandy	Co-Ordinator, Associate Professor
4.	Dr. Vinayak Bharadi	HOD (IT), Associate Professor
5.	Mr. Rajesh S. Bansode	MR, Associate Professor
6.	Mr. Zahir Alam	T & P Officer, Associate Professor
7.	Ms. Sangeeta Vhatkar	Assistant Professor



M.E. - IT Software Laboratory

Ph.D. Department Profile

ABOUT Ph.D. RESEARCH CENTRE

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 is the need of the hour for sustainable growth. Thakur College of Engineering and Technology (TCET) since its establishment, has a culture of nurturing research abilities at undergraduate and postgraduate level. Pursuing research leading to Ph. D. degree is both challenging and rewarding experience.

Against this background, TCET has started Ph.D. (Technology) Research Centre of University of Mumbai (UOM) from the current academic year (A.Y.2014-15). It offers research program leading to the Ph. D. (Technology) Degree in Electronics & Telecommunication Engineering of UOM. Presently 10 seats are offered and it involves course work and other requirements as per 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 colloquium. These initiatives enable the stakeholders to build their capacity for critical examination and sound judgment, thereby facilitating them to contribute to the existing body of knowledge.

UNIVERSITY RECOGNIZED RESEARCH GUIDES



Dr. B. K. Mishra
Principal
QUALIFICATION:

Ph.D. (Engg.) (ECE), M.E. (ECE)
B.E. (Electronics)



Dr. R.R Sedamkar
Professor & Dean (Academics)
QUALIFICATION:

Ph.D. (Engg.), M.E. (CSE)
B.E(CSE)

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 to encourage research focuses to industry
- 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 like SAMEER
- Teaching assistantship for deserving & needy student
- Well equipped laboratories.
- Well stacked Library with e-resources and large number of on-line subscriptions

LIST OF STUDENTS OF PH.D.(TECHNOLOGY) IN ELECTRONICS & TELECOMMUNICATION ENGINEERING FOR BATCH 2014-15

Roll No.	Name of Candidate	Subject Specialization
Ph.D./EXTC/14/02	Mr. Chaudhari Ujval Gopal	Antenna
Ph.D./EXTC/14/03	Ms. Dubal Sujata Shantesh	Image Processing
Ph.D./EXTC/14/04	Ms. Koti Jayasudha	Wireless Communication
Ph.D./EXTC/14/05	Ms. Mujawar Nazneen Kutubuddin	Image Processing
Ph.D./EXTC/14/06	Ms. Patil Kalawati Madhukar	Nano Electronics
Ph.D./EXTC/14/07	Mr. Rathod Kiran Ramesh	Antenna
Ph.D./EXTC/14/08	Mr. Theckedath Dhananjay Kishore	Image Processing

LIST OF STUDENTS OF PH.D.(TECHNOLOGY) IN ELECTRONICS & TELECOMMUNICATION ENGINEERING FOR BATCH 2015-16

Roll No.	Name of Candidate	Subject Specialization
Ph.D./EXTC/15/01	Ms. Disha Singh	Antenna
Ph.D./EXTC/15/02	Ms. Sukruti Vijay Kaulgud	Nano Technologies



Ph.D. presentation on special topic seminar

IMPORTANT SECTIONS

Learning Resource Centre, Examination & Administration

SHRI RAMNARAYAN SINGH THAKUR MEMORIAL LIBRARY ESTD. 2006



Learning Resource Centre (Central library) is located on 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. Library is running for 12 hrs (8:00 am to 8:00 pm) on office working days (Mon-Fri). Additional seating arrangement is also done on demand during term-test, semester end examination.

HIGHLIGHTS:

- Text Books - more than 25,000
- References book - more than 2100
- Magazines - more than 14
- Printed Journals - more than 81
- Added 2928 new books (upto May 2016) in A.Y. 2015-16

E-Journals Data bases:

- IEEE-All Society periodicals Package - 169 Journals
- McGraw Hill-Access Engg. Library - e-books
- ASME-Mechanical Engineering 27 Journals
- Elsevier-Science Direct - 275 Journals
- ASTM Digital Library - 17000 articles from 8 journals and 1500 + e-books
- ASCE-Civil Engg - 35 Journal new

- Springer Electrical, Electronics & CMPN-149 Journals
- J-Gate - Engineering & Technology-4700 indexed & 1700 free full text
- Book Bank Facility for economically backward students with more than 2110 books
- Department Library with average 500 books and 500 project reports
- Organized 2 training programmes of e-resources for faculty members. Book Exhibition for students and faculty
- Organized 2 national conferences for Library professional

KEY FACILITIES:

Book stack section	: Capacity of 34,088 books
Reference Section	: Handbook stacking capacity of around 2000 books Seating arrangement (48) Stack for magazines/Journals
General reading room	: Seating capacity 228
Faculty reading room	: Seating capacity (30)
Book processing & Circulation of books	: Accession /Issue / return of books CDs / Tutorials
Audio Visual Room	: Seating capacity (20)
Digital Library	: 24 PCs and 52 Mbps INTERNET
Library Management	: Libsuite Software
Xerox Section	: Photocopy / Scan / Print facility

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 examinations as a part of continuous evaluation. Section has three dedicated non-teaching staff members and is supported by examination committee assisting of 12 faculty members. Mr. Hemant Kasturiwale is section in-charge. Major responsibilities include: examination conduct, result preparation and declaration, academic record maintenance grievance redressal etc.



It is mainly for general administration led by Registrar, Mr. Yashwant Baing and Office Executive, Ms. Meghana Singh. At present there are 30 dedicated full time staffs. Major responsibilities include: admission, supporting students in arranging various co & extra-curricular activities (viz. cultural, sports etc), liaison with university and other regulatory bodies etc.



Administration

IMPORTANT SECTIONS

Training & Placement Cell



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 followed by the placement of the student through campus recruitment process. Mr. Zahir Aalam (Training & Placement Officer) is section in-charge. Major responsibilities include: conduct of Student Development Programme, liaison with industries for Campus Recruitment, local industry visit, vacation-training and placing student in industry for their B.E. projects.

TRAINING

In the era of ICT, 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
- Student looks for campus placement in blue chip companies particularly in the area of ICT/ITES and the core engineering sectors

This needs:

- | | |
|--|--|
| → Sound communication skills | → Strong domain knowledge |
| → Awareness of corporate work etiquette | → Familiarity with recent trends and challenge |
| → Awareness for shop floor work culture for core company | |

Therefore, at TCET importance is given to training programmes.

Training at institute level is taken care by T&P Cell. It provides assistance to the students in counseling and guiding for their successful career which is a crucial interface between the stages of completion of academic programme of the students and their entry into the professional career.

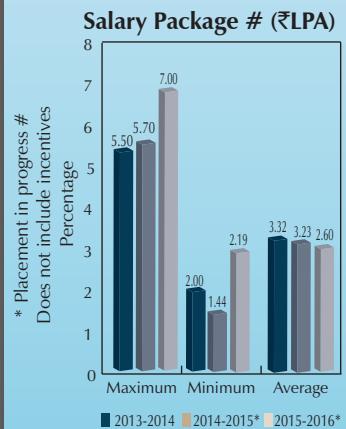
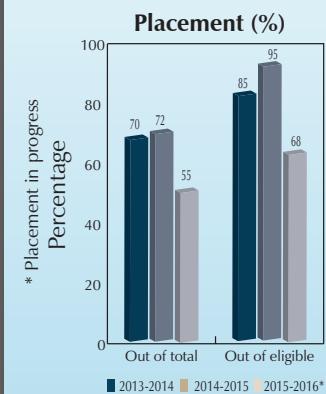
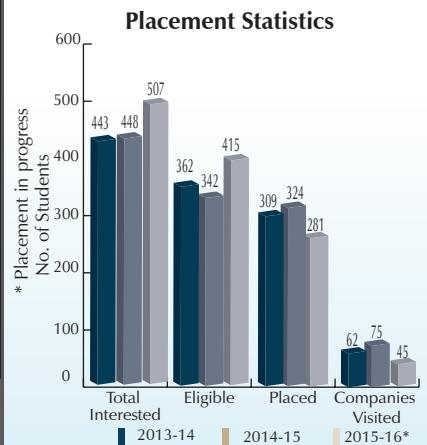
IMPORTANT TRAINING ACTIVITIES

- **Student Development Programme (SDP)** : It is a one week dedicated programme arranged during the semester break for enhancing students' technical knowledge & soft skills and prepare them for better campus placement. This is followed by regular programmes during semester.
- **Seminar/workshop** : Large number of seminars/workshops are arranged every semester to update students with current needs and challenges in industry.
- **Personality Development Programme** : prepares students for professional career (at corporate) after successful completion of 4 years B.E.
- **Campus Connect Programme**: To develop the students with soft skills and the software engineering knowledge as required for IT industry. This is conducted by Infosys, Accenture Zensar, Persistent, Tata Technologies etc.
- **Industrial Visit** : To familiarise students with industrial environment where they are likely to work as a professional after completing their course successfully.
- **Pre-placement Training Program** : This is conducted for all third year students to make them employable and face various challenges during campus placement & higher studies process by providing aptitude, technical and soft-skill training.

PLACEMENT

TCET has an enviable record in placement of students. The institute has been accredited by major companies like Infosys, Tata Consultancy Services, Accenture, IGATE and Tech-Mahindra etc.

At present more than 70 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

- Works Applications, Japan
- Persistent Systems
- Accenture
- Infosys Ltd.
- L&T Infotech
- Newgen Software Inc.
- IGATE
- Seclore Technology
- Bewakoof.com
- IBM - India
- Yodlee Infotech Pvt. Ltd.
- Tech Mahindra
- Oracle Financial Service Software Ltd.
- Quinnox
- Zycus Infotech
- Web Express India
- Hexaware Technologies
- Ariston Capital Services Pvt. Ltd.
- Webonise Lab Pvt. Ltd.
- Blobcity
- CarWale
- Pykih
- MAQ Software
- Vistex Asia-Pacific Pvt. Ltd.
-And many more

IMPORTANT SECTIONS

Research & Development Cell



Engineering research plays a very significant role in meeting national goals. As such Indian research needs to remain at world frontiers if it is to boost economic productivity and competitiveness, strengthen national security, improve human health, and achieve other national objectives in the next century.

Understanding the need for encouraging engineering graduates towards pursuing research, the TCET Research & Development Cell was setup in the year 2013. Under this Cell the technical talent of students is nurtured. It gives them a platform to check the feasibility of their ideas by developing small circuits or projects under hobby club facilities. The projects developed by students are evaluated at various levels, first at the department level and then at institute level by experts from reputed academic institutes and industries for maintaining quality of work. The projects which have the potential of being converted into products are reviewed by expert entrepreneurs and industrialists. Furthermore, students are encouraged to take part in various national and international level competitions to enhance their technical competency. Innovative ideas are even considered for Intellectual Property Right like copyrights and patents. Various workshops and webinars are also organized where students are given exposure for latest technologies beyond syllabus which helps them to bridge the gap between academia and industry, and for skill upscaling.

A Wi-Fi enable seminar hall with 150 seating capacity is also created for students where they can even interact with experts in their respective domains across the globe through conferencing facilities.

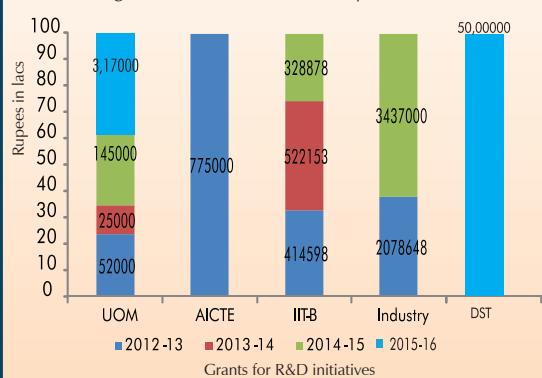
VARIOUS FACILITIES:

- 1) **E Yantra lab:** This is a robotic lab developed in collaboration with IIT Bombay. This laboratory gives hand on learning & well equipped facility which enables the students to create utility based robotic applications for usage across variety of applications.
- 2) **Aakash Lab:** This facility is developed in collaboration with IIT Bombay. Students are provided with Android based tablets for developing various application and projects on it. More than 200 tablets are available in this lab for students from F.E. to Ph.D.
- 3) **Start-up:** Students are encouraged to become entrepreneur and start their own company.

To increase the activities of R&D, approx. 4000sq ft area has been created in TCET Extension Centre.

Funding Received From various government bodies

- Funding received from University of Mumbai for 20 projects.
- Funding received from AICTE for Cloud computing & Virtualization lab
- Funding received from IIT Bombay for Aakash Lab



Recognitions and achievement

- Debut award by NEN for the elite group of Institutes
- Institute was recognized by IIT Bombay as Zonal Centre for workshop on Entrepreneurship
- Institute was recognized by IIT Kanpur as Zonal Centre for workshop Propalar Design
- Institute was recognized by IIT Delhi as Zonal Centre for Networking Workshop

Students participation in National level project competition

- Student stood first in E-yantra competition (A.Y. 2015-16)
- Spectra, SPCE
- Work House Mgt., IIT Bombay
- World Skills Mobile Robotic Competition
- StartupExpo, Mumbai
- Tata First Dot, Bengaluru
- SRAJAN, Bhopal
- Sanshodhan, Pune
- Avishkar 15, Navi Mumbai

IMPORTANT SECTIONS

Entrepreneurship Development Cell

"Entrepreneurship is the main engine for Growth"

Entrepreneurship at TCET:

TCET has adopted a systematic approach to develop first generation entrepreneurs through curriculum, awareness, motivation programmes and industry interaction. Entrepreneurship is adopted as one of the processes to prepare students as a leader to take global challenges and opt for self employment. The objective is to inspire entrepreneurship ideas in students' minds.

TCET is an active member of National Entrepreneurship Network (NEN), Wadhwani Foundation. It organizes an E-week 'Enspire', in collaboration with NEN every year. The fest acts as an inspiration for budding entrepreneurs and gives them a platform for pursuing their dreams. With lively and zestful events, E-Week has been designed to satiate the students' need for exposure by including events from a variety of fields: entrepreneurship skill building, social initiatives, general awareness and entertainment. The innovativeness of the events made E-Week the perfect and easiest opportunity for students to flaunt and test their entrepreneurial skills.

A series of exciting and competitive entrepreneurship skill testing events are also organized, where the students compete and judge themselves. The outcome of all these entrepreneurial activities is that the students experience a sense of partnership with the professionals engaged in these fields. There is also a healthy exchange of information among the specialists and the students.

Various Facilities:

1) IEDC: The Innovation and Entrepreneurship Development Centre (IEDC) is being promoted in TCET to develop institutional mechanism to create entrepreneurial culture in collaboration with Department of Science and Technology, Govt. of India, to foster techno-entrepreneurship for generation of wealth and employment by Engineers.

2) Start-Up: Students are encouraged to become entrepreneur and start their own company. Incubation Centre has been set up in TCET to convert job seekers into job providers & meet the national goals in entrepreneurship.

3) Internship: Students are encouraged to earn while they learn with the concept of internship.



IMPORTANT SECTIONS

Higher Education, Online Courses & Certification Cell



In this competitive and fast-paced world, planning and decision making plays a very important role for students to choose the right career. Thus, TCET has established the Higher Education, Online Courses & Certification Cell (HOC Cell) in order to help student to understand his/her final dream and make the right career decision in a sensible manner. 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 qualification such as pursuing master level program, 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 course.

IMPORTANT ACTIVITIES

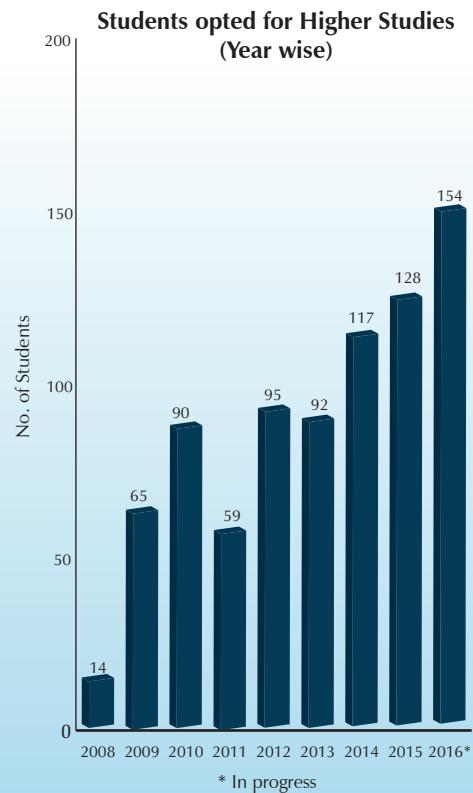
HIGHER EDUCATION PROGRAMME: Under this program, Cell provides counselling to the students on the various courses available for higher education in India and abroad. It also encourages them to pursue a field of study in line with their skill sets, aptitude and career aspirations. The Cell also prepares students for a lifelong commitment to learning. This allows students to excel in their chosen area of expertise. Students enrolling for higher education programme are trained from second year onwards. The objectives of the Cell are as follows:

- ➡ To guide students for course selection for Higher Education Institutes in India and abroad.
- ➡ To guide them in taking up various Competitive Examinations like CAT, GATE, GMAT, SAT, GRE, IELTS, A1/A2 & TOEFL and arrange training in the campus for the same.
- ➡ To create awareness about GATE exam, Institute provide GATE exam preparation courses in various stream hence after clearing GATE exam student can enrolled for M.E / M.Tech or getting job in PSU's.
- ➡ To help the student to build letter of recommendation (LOR) and statement of purpose (SOP).
- ➡ To guide the students for profile building, application process, university/college selection, education loan guidance etc.
- ➡ Activities conducted under this Cell include various seminars/workshops and inviting and arranging sessions by various foreign university representatives.

ONLINE COURSES GUIDANCE:

To enhance the technical knowledge of students HOC cell creates awareness about various free and paid online technical courses and certification available in various domain like Networking, PLC, SCADA, Embedded system, Database etc. The main advantage of online course is that the student can attend the course conveniently from home after academic hours.

CERTIFICATION PROGRAMME: To prepares students for professional corporate career after successful completion of 4 years of graduation the HOC cell arranges various certification program like OJCP, CCNA, PLC/SCADA, CAD etc and arranges training in the campus with the help of professional trainers.



HOC-Cell Activities (July 2015-January 16)

July 15	Survey of HOC Cell
Aug 15	Road map of HOC Cell
Sep 15	Seminar on importance of Higher Education
Oct 15	GATE preparation course
Nov 15	Mock Test (GATE)
Dec 15	Seminar on Opportunities in Portugal and Germany
Jan 16	Seminar on Opportunities in USA, Canada & UK

TCET'S CENTRES OF EXCELLENCE

1

THAKUR-ACCENTURE INNOVATION CENTRE



Establishment : Academic Year 2013-2014

Objective:

1. To deploy advanced database management system and configuration
2. To deploy Accenture ERP Software
3. To Conduct mini/major project related to ERP/ ADBMS.

Lab benefits for students

1. Hands on experience of Accenture ERP
2. In-house training of placed students
3. Availability of high end resources like IBM, Blade Server and ORACLE DBMS SW
4. Centre of professional training, and Accenture's Head Start Foundation Programme, etc.



Placement opportunity: Accenture, ORACLE, Infosys, Zensar Technology, I-Gate.

2

THAKUR-TATA TECHNOLOGIES CENTRE OF EXCELLENCE



Establishment : Academic Year 2015-16

Objective:

1. Establish advanced facilities to propagate emerging technologies and train manpower in the field of computer aided design and computer aided manufacturing
2. Crucial link to foster the development of high value-added services and to streamline product innovation processes to the industries
3. Provide learning facility, implement the enterprise software solutions, provide precise training to the nominated faculty
4. Provide recurring trainings to the students
5. Internship offering and placements with different companies
6. Adding values for learning compulsory subject "Computer-Aided-Design/computer aided manufacturing and engineering (CAD/CAM/CAE)" of Final Year Mechanical Engineering Students.



Lab benefits for students

1. Hands on training on PLM softwares
2. 80-hours course
3. Certificate Course from Tata Technology Ltd.
4. Institute-Industry interaction through collaborative research program, extension courses
5. Consultancy services in CAD / CAM / CAE

Placement opportunity: Volkswagen India Private Ltd., K.B.Auto Tech India Pvt. Ltd, MAHALE Behr India Ltd

TCET'S CENTRES OF EXCELLENCE

3

TCET-CISCO WIRELESS NETWORK LABORATORY



Establishment : Academic Year 2013-2014

Objective:

1. To provide latest technological knowledge to faculty of TCET.
2. To uplift the student's knowledge for competent industrial project.
3. To provide facilities for PG projects and research work.
4. To provide platform for international certification in networking.

Lab benefits for students

1. Hands on training on Industry Lab setup
2. Bridge courses in networking for preparation for CCNA, CCNP.
3. Internships and relevant Placement Assistantship
4. Workshops

Placement opportunity: Accenture, ORACLE, Infosys, Zensar Technology, I-Gate.



4

TCET-TEXAS INSTRUMENTS LABORATORY



Establishment : Academic Year 2015-16

Objective:

1. To promote design of embedded products based on TI tools.
2. To promote design of educational solutions for teaching subjects on embedded systems.
3. To provide trainings to the students.
4. **To organise Train the Trainer program**
5. To organise Faculty development programs
6. To bridge gap between the industry and academic world.

Lab benefits for students

1. Hands-on learning experience for students
2. Domain enrichment
3. Institute-Industry interaction through collaborative research
4. Internships and relevant Placement Assistantship
5. Workshops



Placement opportunity: Intel, IBM, Philips, Motorola, LG Electronics, Texas Instruments, VOLVO, Freescale , General Motors, Samsung, Siemens, Cisco Systems India Pvt Ltd, L&T InfoTech, Wipro Technologies, HCL Technologies, ISRO(Indian Space Research Organisation), DRDO(Defense Research and Development Organisation), BEL(Bharat Electronics Limited), BHEL(Bharat Heavy Electricals Limited), ONGC(Oil and Natural Gas Corporation), HAL(Hindustan Aeronautics Limited)

TCET'S CENTRES OF EXCELLENCE

5

TCET-EMBEDDED SYSTEMS LAB

Establishment : Academic Year 2015-2016

Objective:

1. To provide latest technologies knowledge for faculty of TCET.
2. To uplift Student's knowledge for competent industrial project.
3. To provide access of good industrial technological materials of companies having tie up with Eduvance for students of TCET.
4. To provide platform for international certification from ARM university.

Lab benefits for students

1. Hand on training on Industry Lab setup
2. Certificate courses from ARM UK
3. Internships and relevant Placement Assistantship
4. Workshops

Placement opportunity: Larsen and Toubro, BARC, Automata Systems (Mumbai), Reanu Microelectronics, (Mumbai and Pune) Maximus Technologies (Mumbai) , EpiSkope (Mumbai), Uurmi Systems (Hyderabad)



ARM UNIVERSITY PROGRAM
Estd.2001



EduVance
Karnataka Technological Institute

LAB No. 114



6

TCET-INTEL CENTRE OF EXCELLENCE



Establishment : Academic Year 2015-2016

Objective:

1. To provide latest technologies knowledge in the field of Internet of Things for faculty and students of TCET.
2. To uplift student's skill for competent industrial projects.
3. To provide platform for international certification from Intel-USA.
4. Research opportunity for PG students in latest technology IOT

Lab benefits for students

1. Hands on training on Industry Lab setup
2. Certificate courses from INTEL USA
3. Workshops for students and faculty members
4. Internships and relevant Placement Assistantship



Placement opportunity: Core companies using Intel Processor

ADVANCED FACILITIES FOR LEARNING

1 IIT BOMBAY REMOTE CENTRE

Establishment : Academic Year 2012-13

Objective:

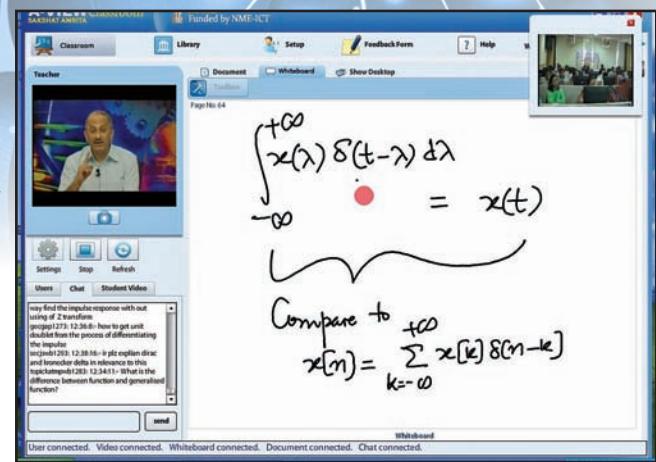
1. To provide a chance to every learner to acquire highest quality education
2. To empower teachers, through workshops conducted for thousands of teachers at one go, using a unique blend of technology and an innovative pedagogy.

Expected Outcome

1. Participation in IIT Bombay Remote Centre leads to enhancement in the understanding of teachers in respective course, and improvement in class room teaching. The use of new technologies and tools helps to further enhance the educational experience. After the course the teachers will be able to use open source contents, technologies and tools for laboratory use.
2. Till date the Remote Centre has conducted 21 workshops. The participants for the workshop are TCET faculties as well as the engineering faculties from all over India. We have also conducted the workshops for engineering students.

Remote Centre Coordinator: Dr. Vinitkumar Dongre

Workshop Coordinator: Mr. Zahir Aalam, Ms. Rashmi Thakur, Mr. Sanjeev Ghosh, Mr. Jayant Patil, Mr. Rajesh Bansode, Mr. Jitendra Thombre, Mr. Anand Khandare, Ms. Payel Saha , Dr. Poonam Ojha, Mr. Amol Dapkekar, Mr. Krishnakant Mishra, Ms. Harapriya Panda



2 TCET-AAKASH TABLET (IIT-B)

Establishment : Academic Year 2011-12

Objective:

1. To empower students and teachers in the teaching-learning process with the latest devices used in the industry.
2. To test various applications which are developed as mobile applications by the students during their projects.
3. To test and enhance the effectiveness of these tablets for use in class rooms.
4. To encourage Development of new educational applications and contents on Aakash, largely through final year Research and Development projects done by BE/ME students at the Institute.
5. Thakur-IIT Bombay - Aakash Tablet Application Development Centre, spoken tutorial for learning open source programming tools and development platform

Expected Outcome

1. Used in the daily teaching learning process to enhance knowledge of teachers and students.
2. Used to take online quiz to assess the performance of training that the participants have undergone.
3. Test various applications like a personal computer and a smart phone.
4. Connect to the Internet via Wi-fi facility and learn topics through online courses.
5. Developed new educational applications and contents.

Aakash Tablet Co-ordinator: Dr. Kamal Shah, Dean R&D

Aakash Workshop Co-ordinator: Mr. Aaditya Desai



ADVANCED FACILITIES FOR LEARNING

3 TCET-E-YANTRA LABORATORY (IIT BOMBAY)

Establishment : A.Y. 2011-12

Objective:

1. To provide hands-on learning to engineering students who have limited access to labs and mentors.
2. To create the next generation of (Embedded systems) engineers in India with a practical outlook to take on challenging problems and provide solutions.
3. To provide internship to students at premium institute like IIT- Bombay

Expected Outcome

1. Increased enthusiasm amongst students
2. Better BE projects with help from e-Yantra Resource Development Centre (eYRDC)
3. Better performance at Robotics competitions such as the e-Yantra Robotics Competition (eYRC)
4. Better trained and motivated faculty
5. Robotics club
6. Better prospects for Student to get chance to get internship at IIT Bombay
7. Better visibility for college nationally

E-Yantra Team Leader: Mr. Hemant Kasturiwale, Associate Professor

Team Members: Mr. Anil Vasoya, Assist. Professor, Mr. Vaibhav Gijare, Assist. Professor,
Mr. Vikas Singh, Assist. Professor



4 VIRTUALIZATION & CLOUD COMPUTING LAB DEVELOPED UNDER AICTE-MODROBS

Establishment : Academic Year 2014-15

Objective:

1. Implementing Cloud Computing Environment.
2. Configuration of Private, Public and Hybrid Cloud
3. Deployment of different level of virtualization
4. Conduct mini / major projects at UG/PG level

Expected Outcome

1. Indepth knowledge of Cloud Computing Archive
2. Understanding of Virtualization concepts
3. Hands-on experience of using cloud computing tools
4. Deployment and testing of cloud based applications, mini and major projects

Co-ordinator: Dr. Kamal Shah, Dean (R&D)

Workshop Co-ordinator: Mr. Rahul Neve, Asst. Professor



ADVANCED FACILITIES FOR LEARNING

5 FREE OPEN SOURCE SOFTWARE (FOSS) (IIT BOMBAY)

Establishment : Academic Year 2013-14

Objective:

1. To make individuals learn FOSS through a practical approach.
2. To provide a huge database of Textbook Companions as a learning resource.
3. To make it easy for users of such textbooks to start using FOSS.
4. To improve the documentation available for FOSS.

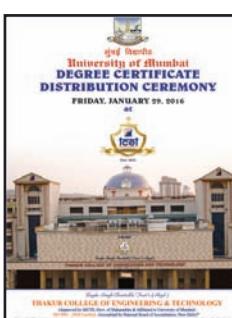
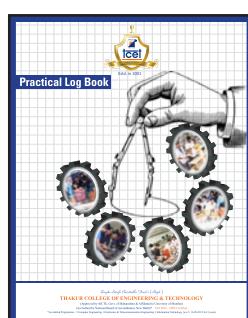
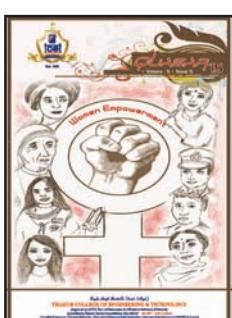
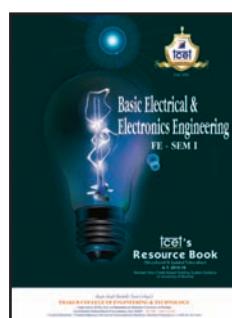
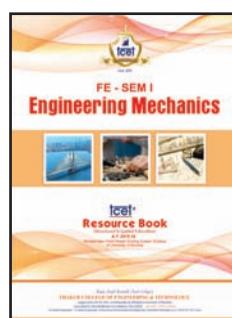
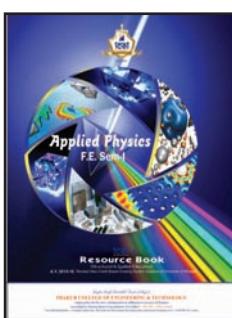
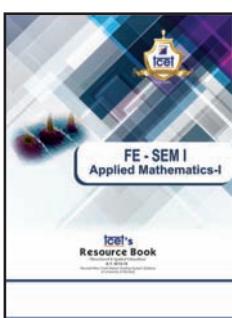
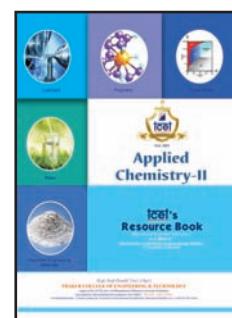
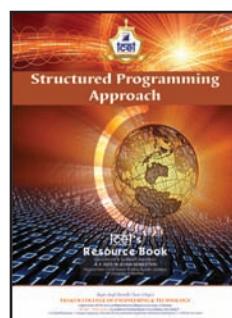
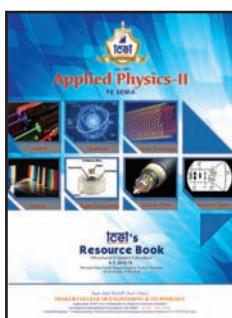
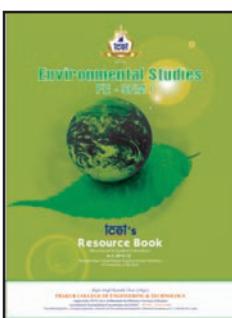
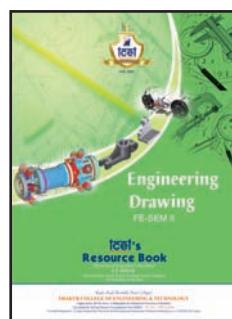
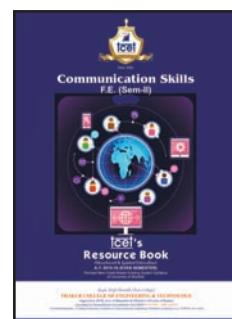
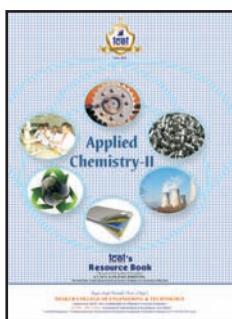
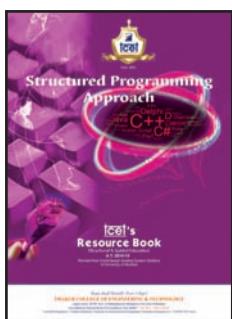
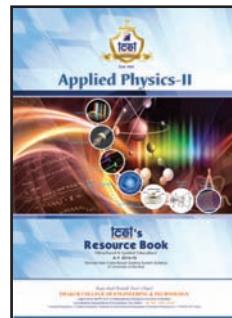
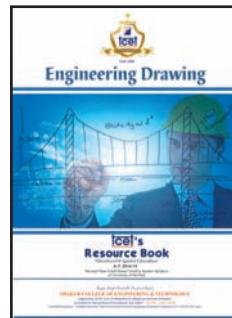
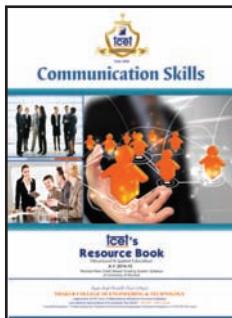
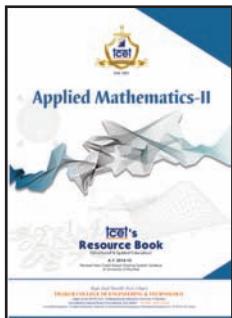
Expected Outcome

1. Increased enthusiasm amongst students
2. Better BE projects with help from FOSS material
3. Better performance at coding competition
4. Trained and motivated Students
5. Better visibility for college nationally

Team Leader: Vikas Singh, Assist.Professor



TCET PUBLICATIONS



GLIMPSES OF VARIOUS

Multicon-W 2016 (7th International Conference)



Degree Certificate Distribution Ceremony



Eye-Checkup for Employees



INSTITUTIONAL ACTIVITIES 2015-16

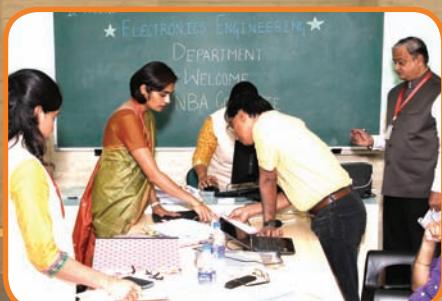
Faculty Development Program



Visit of IMC Bajaj Team



Visit of NBA Team



Yoga Day Celebration



IMPORTANT ACTIVITIES

Academic

Core activity of the institute is the conduct of academic activities as per the curriculum of University of Mumbai. To conduct academic session, the University has academic calendar which starts from June 1st and ends on May 31st of the subsequent year.

However, academics for S.E. to B.E. starts from July and for F.E. starts from August every year.

Academic year is divided into two semesters. Each semester is of six months and instructions are conducted for 15 weeks per semester.

Semesters are divided into odd and even semesters.

Odd semester includes I, III, V & VII and are conducted from July to December.

Even semester includes II, IV, VI & VIII and are conducted from January to June.

To conduct the session, institute prepares its own academic calendar on the basis of guidelines given by University of Mumbai which is normally notified on institute notice board and college web site.

Academic activities during the semester includes:- Theory/Practical/Tutorial sessions as per academic time-table displayed before the commencement of semester.

During the semester, students need to undergo continuous evaluation by concerned subject teachers. This includes the timely completion of assignments, preparing laboratory journals, term tests etc.

At the end of each semester, there is university examination and to appear in the same, the students must have

- minimum 75% of attendance in every subject and
- complete term work requirement satisfactory at the end of the term

Academic conduct is taken care by the respective engineering academic department for SE to BE and for FE is taken care by H&S Department.

Subject Scheme: First year of Engineering (Grading System)

Semester - I							Semester-II						
Subject	Theory (Marks)		Practical / oral Marks	Term Work	Total	Subject	Theory (Marks)		Practical / oral Marks	Term Work	Total		
	External	Internal					External	Internal					
Applied Mathematics - I	80	20	-	25	125	Applied Mathematics-II	80	20	-	25	125		
Applied Physics-I	60	15	-	25	100	Applied Physics-II	60	15	-	25	100		
Applied Chemistry - I	60	15	-	25	100	Applied Chemistry-II	60	15	-	25	100		
Engineering Mechanics	80	20	25	25	150	Communication Skills	40	10	-	25	75		
Basic Electrical & Electronics Engg.	80	20	25	25	150	Engineering Drawing	60	15	50	25	150		
Environmental Studies	60	15	-	-	75	Structured Programming Approach	80	20	25	25	150		
Basic Workshop & Practice-I	-	-	-	50	50	Basic Workshop & Practice-II	-	-	-	50	50		
Total	420	105	50	175	750	Total	380	95	75	200	750		

Subject schemes with syllabus details for students can be seen on college website i.e. <http://www.tcetmumbai.in/> or University website i.e. <http://www.mu.ac.in/syllabus.html>

IMPORTANT ACTIVITIES

Examination

It is also a core activity which validates the academic standing of the students. It is divided into two parts:

Continuous Evaluation

Term Work is the continuous evaluation during the semester by the concerned subject teacher. Normally 4-5 subjects have term work in each semester. Term-Work has 25 marks for each subject and 50 marks for workshop.

Term work marks are awarded as per University guidelines which are given in syllabus copy. Normally, it includes : 05 marks for attendance, 10 marks for laboratory performance / journal and 10 marks for journal assessment.

During the semester, two Term-Tests are conducted and the average of the two is the internal theory marks as per the subject scheme. These tests are

conducted as per academic calendar and is treated as the internal examination.

Term test - I is based on 1st half of syllabus and the test is conducted in middle of the semester. Term test- II is based on the second half of the syllabus and is usually conducted during the last week of term.

Passing in internal examination is must otherwise it will be treated as ATKT. Internal examination in various subjects are counted as a passing head for promotion to higher year.

Semester End Examination

At the end of the semester, students are evaluated for theory and practical level (wherever applicable) by university.

Examination schedules are given by university which are put up on notice board / web site. University end semester examinations are conducted as per the marks given in the subject scheme.

Co- & Extra-curricular Activities



Sojourn

TCET believes that students should be provided with an environment which fosters not only academics but also helps in personality development. It is required for the overall growth of the students. Personality development opportunities are provided through co-curricular and extra-curricular activities like :

- ➡ Cultural events
- ➡ Sports Events
- ➡ Seminar/Workshop/Conferences
- ➡ Project exhibition/Paper presentation

These events help the students to enhance their communication skills, develop understanding of social responsibility and corporate work culture. Events are organized by various students forums at inter / intra college level.



Enertia



FE Students Workshop

Each forum has a core committee, consisting of faculty members as well as student members. Together they ensure the smooth conduct of programme. Events are uniformly distributed over the academic year without disturbing the academic curriculum.

STUDENTS' FORUM



STUDENTS' COUNCIL – TCET

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

► T-Spark'15	Feb 2016
► Enertia	March 2016
► Cultural Days	Feb 2016
► Faculty Sports	March 2016
► Sojourn	March 2016
► B.E Farewell	April 2016



Sojourn 2016

Future plans

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

Working Committee

Faculty

Chairman of the Council	Dr. B.K.Mishra, Principal
Overall In-Charge	Dr. Lochan Jolly, Dean-SSW
Overall In-Charge	Mr. N.T.Kulkarni
Cultural In-Charge	Mrs. Aradhana Manekar
Sports In-Charge	Mr.Vaibhav Gijare



Sojourn 2016

Students

Sports Secretary	Rohit Vishwakarma
Cultural Secretary	Rohit Karotia
Treasurer	Shraddha Dhumale
General Advisor	Nishant Singh
Cultural Advisor	Varsha Jha
Sports Advisor	Karan Gupta
Joint General Secretary	Sushant Patil
Joint Sports Secretary	Ganesh Naik
Joint Cultural Secretary	Nayan Soni
Lady Representative	Snehal Ransing
Lady Representative	Tanushri Thakur



Employee's Sports Meet 2016



Yoga Day

STUDENTS' FORUM



THE INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS, INC.

IEEE-TCET Chapter
IEEE TCET
Student Branch code : 41490581
www.ieee-tcet.net

IEEE is the world's largest professional association dedicated to advancing technological innovation and excellence for the benefit of humanity. IEEE and its members inspire a global community through IEEE's highly cited publications, conferences, technology standards and professional and educational activities. IEEE is a New Jersey, USA, based organization. Its local chapter, IEEE-TCET works towards enabling its student members not just to build their careers but also impart knowledge and experience, giving them the confidence that any new idea, if correct, can bring the next revolution in the field of technology

IEEE - TCET boasts of a head count of 80 students across all departments. Being an IEEE member entitles them to a monthly magazine, access to the IEEE international website and various other benefits.

Important activities

- | | |
|------------------------------------|----------------|
| ► IOT Seminar | September 2015 |
| ► Zephyr-15 | September 2015 |
| ► Matlab Workshop | March 2016 |
| ► Industrial Visit to Rajasthan | January 2016 |
| ► IC The Future-Project Exhibition | April 2016 |

Future Plans

To Organize IEEE 360 which is an inter-college technical symposium held every year consisting of a diverse range of workshops, seminars and other technical events.

Working Committee

Faculty

Branch Counsellor	Dr. Lochan Jolly
Faculty In-charge	Mr. Biju Balakrishnan

Students

Chairperson	Aachala Singhani
Vice Chairperson	Parag Chakraborty
Treasurer	Chirag Jain
Event Manager	Malya Mehta
Secretary	Deepti Bhardwaj
Marketing Manager	Aneesh Karwarkar



Technical Paper Presentation



Industrial Visit-Rajasthan



Zephyr-Technical Event



IOT Workshop

STUDENTS' FORUM



**CSI
TCET** CSI-TCET Chapter

CSI-TCET is the student branch of the Computer Society of India (CSI) at Thakur College of Engineering and Technology (TCET), Mumbai. Today, CSI has members from all over the nation including famous industry leaders, brilliant scientists, and dedicated academicians.

The mission of CSI is to facilitate research, knowledge sharing, learning & career enhancement, while simultaneously inspiring and nurturing new talent and innovations.

CSI-TCET aims to provide the students of TCET, across all four departments, the best opportunities to acquire knowledge and gain experience in varied fields and thus help them become better professionals.

There are more than 170 registered members and the chapter is still growing day by day. Activities are being continuously planned and conducted.

CSI-TCET has gone on to become one of the most active students organizations at TCET.:

Important activities

- Seminar "Business Continuity Planning on disaster Management through IT sector" October'15
- Eklavya (Coding Competition) October'15
- Web Champs October'15
- Industrial Visit Jaunary'16
- Workshop on Cloud Computing March'16
- Workshop on R Programming March'16
- Project Competition – Zeigen March'16

Future plans

To organize workshops & seminars related to the latest technological trends. To organize the Techfest Zephyr on a larger scale and other competitive events throughout the year.

Working Committee

Faculty

Branch Counselor	Dr. R. R. Sedamkar
Faculty In-Charge	Mr. Vikas Singh

Students

Chairperson	Uday Menon
Vice Chairperson	Nidhi Pandey
Treasurer	Siddhant Gupta
Event Manager	Srishti Mishra
Secretary	Ashwini Mahale
Sponsorship Head	Rohan Rander



STUDENTS' FORUM



NSS-TCET Students' Chapter

NSS 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.

Through NSS, volunteers enhance their personality. NSS Unit TCET started in October 2005 with 42 members and has grown to a strength of 150 members. Till date more than 925 students have enrolled as NSS volunteers.

Important activities

► Mumbai Marathon	January 2016
► CMS Awareness 1916	January 2016
► Republic Day	January 2016
► HIV Seminar	February 2016
► Keshav Srushti Oldage Home	February 2016
► Swachatta Abhiyaan	October 2015
► Traffic Control	October 2015
► Medical Camp	September 2015
► Ganesh Visarjan	September 2015
► Organ Donation Awareness	September 2015
► Swachatta Abhiyaan	September 2015
► Mumbai Marathon	September 2015
► BMC School Teaching	August 2015
► Blood Donation Camp	August 2015
► Peace Rally	August 2015
► Independence Day	August 2015
► Tree Plantation	August 2015
► Shantidan Ashram	July 2015
► Malaria Awareness	July 2015

Future Plans

- 1) Cyclothon
- 2) Ugly Indian
- 3) Disaster Management
- 4) Litter of Light
- 5) Colour coding – Save electricity
- 6) Stray dogs
- 7) Computer literacy

Working Committee

Faculty

Programme Officer (PO)	Dr. Satish Singh Dr. Sunita Pachori
Deputy Programme Office	Dr. Vinita Gupta Dr. Balakrishna S.

Students

Student Leaders	Aditya Verma Raj Kachhatiya Riya Gandhi
Administrative Head	Kashish Kothari Siddhi Chechanji
Finance Head	Omkar Asukar
Project Head	Rashmi Agrawal Vighnesh Phanase



Blood Donation Camp



BMC Computer Literacy Training



Leptospirosis Seminar



Tree Plantation Project

STUDENTS' FORUM



IETE

IETE-TCET Students' Forum

Institution of Electronics and Telecommunication Engineers
website : www.iete-tcet.org | E-mail : ietetcet@gmail.com

IETE-TCET student forum was formed in our institute in academic year 2011-12 and it was inaugurated by Dr. J W Bakal, Chairman I.E.T.E Mumbai Section. At present there are 250 student members and some applications are still in process. The number of students will increase in next academic year. IETE-TCET forum has conducted several events for the overall development of students of this institute.

Important activities

- | | |
|----------------------|----------------|
| ► Industrial Visit | January 2016 |
| ► MULTICON-W | February 2016 |
| ► Project Exhibition | April 2016 |
| ► TCET's Zephyr'15 | September 2015 |
| ► Project Exhibition | October 2015 |



Inauguration of Project Exhibition

Future plans

- To organize Seminar for students to develop their soft skills.
- To organize The TCET's Zephyr with new innovative ideas as a mega event.
- To organize Industrial Visits.
- To encourage students to be member of IETE-TCET student's forum and get the benefits.
- To organize technical workshops



Industrial Visit



Mini Project Exhibition

Working Committee	
Faculty	
Faculty In-Charge	Dr. Sandhya Save Mr. Sumit Kumar
Students	
Chairperson	Shubhmay Khebudkar
Vice Chairperson	Rahul Dubey
Treasurer	Amit Singh
Event Manager	Siddesh Naik
Secretary	Saumya Srivastava
Sponsorship Head	Ronak Patel



Mini Project Exhibition

STUDENTS' FORUM

TCET-ACM SIGITE Students' Chapter

ACM is a New York, USA based organization. Chapters are the “local neighborhoods” of ACM. Worldwide ACM’s Professional and Student chapters serve as nodes of activity for ACM members and the computing community at large, offering seminars, lectures, and the opportunity to meet peers and experts in many fields of interest.

TCET-ACM is one of such chapter. It was founded in July 2011 in collaboration with ACM special Interest Group (SIG) in Information Technology Education (SIGITE). TCET-ACM boasts of a head count of 119 students across all departments. Being an ACM member entitles them to monthly ACM newsletter, ACM conference & workshop access, and ACM Digital Library Access at concessional rates.

Important activities

- | | |
|--|------------------------|
| ► Zephyr -15 Technical Festival | September 2015 |
| ► Workshop on “Basics Of .NET” for second year students | September 2015 |
| ► Seminar on “BusinessContinuity Planning” | October 2015 |
| ► Bridge Course for second year and third student on “Ethics in engineering and value education” | August to October 2015 |
| ► Ezine Magazine, 4rd Issue | October 2015 |
| ► Industrial Visit | January 2016 |
| ► Multicon W 2016 | February 2016 |
| ► Workshop on “Angular JS” for third year student | March 2016 |
| ► Workshop for second year Student on “Word Press” | March 2016 |
| ► Seminar on “Cyber with mobile Security” | March 2016 |
| ► Mini- Project competition for 2nd year & 3rd year students | April 2016 |



Bridge Course



Industrial Visit



Workshop for TE students



Webzine Mini project

Working Committee

Faculty

Programme Officer (PO.)	Dr. Vinayak Bharadi
In-Charge	Mr. Rahul Neve

Students

Chairperson	Siddhart Vyas
Vice Chairperson	Khushboo Bajaj
Sponsorship Head	Kanika Negi
Event Manager	Shruti Pandey
Secretary	Dhara Kansagara
Treasurer	Mihir Mehta

STUDENTS' FORUM



Thakur College of Engineering and Technology-Model United Nations, established in the year 2012, aims at providing deep international knowledge of the most pertinent current world affairs and problems assailing the world. This annual conference hopes to expand exposure of students to international arenas turning them into true global citizens. TCET organized its first Model United Nations in the year 2010-2011 called as "Zephyr Model United Nations Conference". Students across Mumbai, Pune and Bangalore participated in this conference. These enthusiastic participants were faced with real time situations from across the globe, and challenged each other to eclectic debates and collectively find solutions to these situations.

The committees simulated for the TCET-MUN 2015 were United Nations Human Rights Council (UNHRC), Disarmament and International Security Committee (DISEC), Historic United Nations Security Council (HUNSC), United Nations Office of Drugs and Crime (UNODC), Social, Humanitarian and Cultural (SOCHUM) and Union of European Football Associations Congress (UEFA). Focus of these committees was to discuss and get a resolution to different issues. The presence of International Press ensured that delegates stood by their policies and focused on international peace. TCET-MUN 2015 received participation from over 250 delegates across India.

Important activities

- Training Seminar August 2015
- Mock MUN Workshop September 2015
- TCET-MUN 2015 Conference September 2015

Future Plans

- To organize TCET-MUN at an International level
- To increase global participation

Working Committee	
Faculty-in-charge	Dr. Poonam Ojha Mr. Amol Dapkekar
Students	
Secretary General	Anmol Kaur Bagga
Deputy Secretary General	Shikha Verma
Secretary General-Admin.	Daizy Bhadresha
Secretary General-Finance	Akshata Ashdev
Secretary General-Public Relations	Chirayu Kaniya Kanchan Maurya
Secretary General-Hospitality	Rachit Verma
Secretary General-Marketing	Rishabh Prakash
Secretary General-Research	Bharat Garhewal



Inauguration of MUN 2015



Lighting of the lamp



Active participation of delegates



Winners with Trophy

STUDENTS' FORUM



ASME-TCET Chapter
AMERICAN SOCIETY OF MECHANICAL ENGINEERS
tcet.asme@thakureducation.org

A SME-TCET student forum was formed in academic year 2013-14 and was inaugurated by Scientific Officer S.P. Srivastava (BARC, Mumbai) .The main objective of this society is to broaden the level of thinking of every student by imparting knowledge to them which lies beyond the curriculum. This is done by conducting Industrial visits, workshops, seminars etc in various domains of engineering.

ASME-TCET forum has conducted several events for the overall development of students of this institute. The committee received active support from engineering enthusiasts. It has 54 registrations from S.E. and 15 from T.E. Mechanical.



Industrial Visit

Important activities

- RC- Plane Project (Participation at IIT Chennai) January 2016
- Organized Industry Visit January 2016
- Multicon- 2016 February 2016
- RC Plane Workshop February 2016
- Technical seminar on Non Destructive Testing (Industry Experts) November 2015
- Zephyr-15 September 2015
- EXALT-16 (Mini project Exhibition) April 2016
- Car Project "Mechsters- Go Cart" (in Lovely Professional University, Punjab) March 2015
- Technical seminar 'Planning for future readiness' March 2016
- Technical seminar 'Cutting Tool Design' March 2016



RC Aircraft fabrication and design workshop



Mini Project Exhibition

Future Plans

- To organize workshops and seminars related to the latest technological trends
- To organize the technical Fest on larger scale and other competitive events throughout the year

Working Committee

Faculty-in-charge	Mr. Rajesh Behra
Co-Ordinator	Mr. Vinay Bhatkar
Students	
Chairperson	Ratneshkumar Singh
Vice Chairperson	Rushabh Raikar
Secretary	Sushant Patil
Treasurer	Sanjana Shettigar
Event Manager	Nikhil Patil
Sponsorship Head	Nisarg Kothari



Industrial Visit

STUDENTS' FORUM



ISTE TCET Student's Chapter

The Indian Society for Technical Education is a national, professional, non-profit making Society registered under the Societies Registration Act of 1860. Currently 818 Students have registered under this student's chapter. Being the only national organisation of educators in the field of Engineering and Technology, ISTE effectively contributes in various missions of the Union Government. The Ministry of Human Resource Development, CTE/DST/MIT/State Governments are well associated with the ISTE for programs relating to technical education. It is a Premier Agency operating 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.

Important activities

- ➡ Industrial Visit (group 1) January 2016
- ➡ Industrial Visit (group 2) January 2016
- ➡ Engineering workshop and February 2016
- ➡ Paper presentation contest-2015 Under the banner of Multicon-W
- ➡ Zonal level Examination March 2016 (ISTE SRMC 2014-15)
- ➡ National Level Examination April 2016 (ISTE SRMC 2014-15)

Future plans

- ➡ To organize Project Exhibition for U.G. students
- ➡ To Establish Communication wing under ISTE-TCET students chapter for improving soft skill of students to increase their employability

Working Committee

Faculty-in-charge	Mr. Rohit Kumar Singh Mr. Anil Vasoya Ms. Prachi Janrao
Students	
Chairperson	Ms.Jinal Bangur
Vice Chairperson	Ms.Shreya Shivastava
Treasurer	Mr.Shubham Yadav
Event Manager	Mr. Aakash Sanghvi
Secretary	Ms.Tanvi Baranwal
Sponsorship Head	Mr. Shanidev Jaiswar



STUDENTS' MAJOR ACHIEVEMENTS

Academic

Institute takes pride in the outstanding performance by **Ms. Singh Neha Ravishankar** of Final Year Computer Engineering for securing 80 % (First in Institute Level) and **Mr. Keshri Amit Vijay** of Final Year Information and Technology for securing 79.94% (Second in Institute level) in academic year 2014-2015. For their outstanding performance, the institute has awarded them with a certificate and a cheque of ₹ 5,000/- and ₹ 2,500/ respectively. **Mr. Suthar Kanhayalal M** final year Computer Engineering secured 79.87%, and stood third in the Institute. He was also award a certificate and a cheque ₹ 1,500/- by the institute.

Saloni Jain, Mayank Mishra and **Sanskriti Pandey** of FE EXTC had won Second prize in Spectrum 2016, A State Level Technical Symposium in short movie making at Pimpri Chinchwad College of Engineering (PCCoE) on 20th March 2016, Pune. The topic was "INCREDIBLE INDIA". 30 other groups from all over Maharashtra had been participated.

Akshay Prabhu, FE ETRX had Won Second prize in PAPER PRESENTATION at PCCoE, on 20th March 2016, Pune. All students were awarded trophy, medals, certificates and Cash prize of Rs.2500/-



Ms. Singh Neha Ravishankar (CMPN) -First in Institute Level



Mr. Keshri Amit Vijay (EXTC) -Second in Institute Level



Mr. Suthar Kanhayalal M. (CMPN) -Third in Institute Level

Sports

TCET students have participated in various Inter-collegiate tournaments. The annual Intra and Inter collegiate sports festival ENERTIA 16 was organized under halogen lights and was a great success. Annual Employee's Sport Day was organised and was successful.

Cricket: TCET Cricket team has won at six Intercollegiate Tournaments like SIES, NMIMS, DJ Sanghvi COE, ICT, Atharva COE, TCET consecutively.

Athletics : TCET students won one Gold medal & nine Bronze medals in running at BOSM15 Open Sports meets organized by BITS, Pilani, Rajasthan in September 2015.

Volleyball: TCET volleyball team won at the two Inter-collegiate level sports tournament Athos'15 organized by FRCRCE, Bandra & ENERTIA' 16 organized by TCET, Kandivali, Mumbai.

Chess: TCET students have participated and ranked in All India Open FIDE Rating Chess Tournament at Nashik & All Maharashtra Open FIDE Rating Chess Tournament, Mumbai.

Football: TCET football team was the second runner up in Inter-collegiate level sports tournament organized by KJ Somaiya, Mumbai. TCET students have also participated in various Inter-collegiate tournaments.

Technical

TCET has organized Multiple Conferences & Workshop (Multicon-W 2016) on February 26 & 27, 2016. MULTICON-W 2016, addresses seven emerging areas : International Conference on Communication Computing & Virtualization (ICCV-2016), International Conference and Workshop on Electronics and Telecommunication Engineering (ICWET 2016), International Conference and Workshop on Design Manufacturing and Automation 2016 (ICDWMA 2016), International Conference on Advances in Civil Engineering (IC-ACE 2016), Industry Workshops, Research Colloquium. National Conference in Applied Science and Humanities and a Two day National Conference on "Librarianship in the 21st Century : Challenges and Prospects" are other special features of MULTICON-W 2016. Therefore TCET seeks active participation from all concerned stakeholders.

TCET's annual technical festival, Zephyr'15, was held from September 2016. There were more than 3000 + attendees over the 3 days.



Eertia

ADMISSIONS

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



ELIGIBILITY CRITERIA

I. UNDER GRADUATE PROGRAMME

(Minority / Institute level / Vacant seats against CAP)

ADMISSION AT FIRST YEAR ENGINEERING

A) Eligibility criteria for Maharashtra State Candidature Candidates and 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 50 % marks (at least 45% marks, in case of Backward class categories and Persons with Disability candidates belonging to Maharashtra State only) in the above subjects taken together;

Or

- ii) Passed Diploma in Engineering and Technology and obtained at least 50% marks (at least 45 % marks, in case of Backward class categories and Persons with Disability candidates belonging to Maharashtra State only);

Or

Passed B.Sc. Degree from a Recognised University as defined by UGC and obtained at least 50 % marks (at least 45 % marks, in case of Backward class categories and Persons with Disability candidates belonging to Maharashtra State only);

- iii) Obtained score in CET conducted by the Competent Authority. (For Maharashtra State Candidature Candidate)

&

Obtained score in CET or JEE Main Paper I (For All India Candidature Candidates)

ADMISSION AT DIRECT SECOND YEAR ENGINEERING LATERAL ENTRY

B) Eligibility criteria For Maharashtra State Candidature Candidate and All India Candidature:-

- (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 by appropriate authority from time to time.

For more information about Admission log on : www.dte.org.in

II. POST GRADUATE PROGRAMME

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

- (i) The Candidate should be an Indian National;
- (ii) Passed Bachelor Degree in the relevant field of Engineering and Technology from All India Council for Technical Education or Central or State Government approved institutions or equivalent, with at least 50% marks (at least 45% marks in case of candidates of

ADMISSIONS

Backward class categories and persons with disability belonging to Maharashtra State only);

- (iii) Passed Bachelor Degree in the relevant course of Engineering and Technology 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 score in Graduates Aptitude Test in Engineering (GATE) conducted by Indian Institute of Technology;
- (v) 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.
- (vi) Any other criterion declared by appropriate authority from time to time.

Important Note:-

The candidates must ensure before applying for admission to the post graduate degree courses / specialization in Master of Engineering / Technology in particular University that he/she is eligible for admission to the programme of his/her choice as per the relevant Eligibility Rules of the concerned University.

For more information about Admission to ME course log on : www.dte.org.in

III. Course Fee

Approved fees for the A.Y. 2015-16 by Shikshan Shulka Samiti.

	UG (in ₹.)	PG (in ₹.)
Tuition & Development Fees	1,21,500	1,21,500
University & Other Fees	1,663	5,818
Library & Laboratory Deposit	5,000	5,000
Total Interim Fees	1,28,163	1,32,318

Note : The approved fees for the A.Y. 2016-17 will be notified as and when it will be finalized by Fee regulating Authority, M.S. from onwards.

Student seeking admission at TCET need to submit the following :

(Undertaking on ₹ 100/- stamp paper duly notarized)

We are hereby submitting an undertaking regarding the refund of the fees as per Fee Regulating Authority's guidelines which are as under:

1. If the final fee approved is less than the interim fee collected, the same shall be refunded within 4 weeks from the date of finalization of fees.
2. If the final fee approved is more than interim fee collected, the same shall be collected from the student within 15 days from the date of finalization of fees by Fee Regulating Authority.

List of Documents

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

F.E.	Direct S.E.	M.E.
i) CAP Admission Seat Allotment Letter from the DTE (MH) (For CAP students only). ii) Marksheets of SSC (Std. X) examination. iii) Marksheets of HSC (Std. XII) / Diploma in Engineering / B.Sc. Degree (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) Affidavit from Minority status on a ₹ 100/- non judicial stamp paper (only for Linguistic Minority candidates) xi) AICTE anti-ragging undertaking on stamp paper of minimum ₹100/- by students as well as parents (at the time of admission) xii) Aadhar Card (Xerox copy)	i) CAP Admission Seat Allotment Letter from the DTE (MH) (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 (in case of candidate passing qualifying examination from any other Board other than MSBTE). vi) Gap Certificate on stamp paper of ₹.20/- duly notarized. (This is for those candidates who have passed Diploma in March 2015 or before and presently not studying in any course/institution) vii) Domicile Certificate of candidate (if necessary) viii) AICTE anti-ragging undertaking on stamp paper of minimum ₹. 100/- by students as well as parents (at the time of admission). ix) Aadhar Card (Xerox copy)	i) CAP Admission Seat Allotment Letter from the DTE (MH) (For CAP students only). ii) S.S.C (Std. X) Mark sheet. iii) H.S.C (Std.XII) Mark sheet. iv) College Leaving Certificate of B.E./B.Tech. v) B.E. / B. Tech. Final year marksheets. vi) Valid 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) AICTE anti-ragging undertaking stamp paper of minimum ₹. 100/- by students as well as parents (at the time of admission) 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.

ADMISSION

Fee Refund Policy

(Refund of Fees after cancellation of admission by Institution)

- (i) 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.
- (ii) 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.dte.org.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 web site should be visited regularly.
7. Assignments / Journal writing / Practical should be completed as per the schedule.
8. All important dates provided by examination section should be met without fail.
9. Cell phones are not allowed within the academic boundaries.
10. All facilities and amenities should be used judiciously.
11. Any illegal activity within the College premises is strictly prohibited.
12. Wearing ID-card in 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 are prohibited in the Institute Campus. General awareness programs are conducted on regular basis.

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

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 have been put on web site. In case of any emergency student can contact the authority or hostel warden
- Staff members do the necessary counselling from Time-to-time Sensitize
- Surprise / Routine visits to hostel, College canteen, common room & other sensitive area by the committee members

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

**For Hostel facility Contact: Mr. Rajesh Singh, Hostel Warden,
Cell : 09869647310**

**Anti Ragging Committee of TCET for the A.Y. 2015-16
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. R. R. Sedamkar	Professor & Dean (Academics)	Member (Head of Grievance committee)
Dr. (Ms.) Kamal Shah	Professor & Dean (R&D)	Member (Faculty)
Dr. (Ms.) Lochan Jolly	Professor & Dean (Students & Staff Welfare)	Member (Staff & Student Welfare)

Names	Designation	Committee
Mr. Ganesh Gaikwad	Sr. Police Inspector, Mumbai Police	Member (Police Administration)
Mr. Wasim Shaikh	Journalism, Sr. Manager Mktg. (Media), Hindustan Times	Member (Local Media)
Mrs. Snehal Vaidya	NGO-Swadhar, C/o. Keshav Gore Smarak Trust, Mahalaxmi Temple, Shruti Aarey Road, Goregaon (W), Mumbai-400 062	Member (NGO)
Mr. Jigar Soni	Student of FE-CMPN-B	Member (Fresher student)
Ms. Snehal Ransingh	Student of BE-EXTC-B	Member (Senior student)
Mrs. Shashi A. Tiwari	Mother of Janvi Tiwari, Student of BE-ETRX - A	Member (Parent)
Mr. Ketan M. Vakharia	Father of Darshan Vakharia, Student of BE-IT- A	Member (Parent)
Dr. (Ms.) Rekha Sharma	Head of Department & Associate Professor-CMPN	Member (Faculty)
Dr. Rajni Bahuguna	FE Incharge, Assistant Professor-H & S	Member (Faculty)
Mr. Yashwant Baing	Registrar	Member (Non Teaching Staff)
Mr. Rajesh Singh	Hostel Warden	Member (Non Teaching Staff)

Anti Ragging Squad for the A.Y. 2015-16
As per the norms given by AICTE (<http://www.aicte-india.org/anti.htm>)

Names	Designation	Committee
Dr. Bijith Marakarkandy	Associate Professor - IT	Member (Faculty)
Mr. Deepak Shete	Assistant Professor-EXTC	Member (Faculty)
Dr. Vivek Mishra	Assistant Professor-H&S	Member (Faculty)
Mr. Somnath Chinchkar	Assistant Librarian	Member (Non Teaching Staff)

RAGGING

IS A CRIMINAL OFFENCE



Do not "**RAG**"

Also don't be a mute witness to
RAGGING

Anti Ragging & Student Safety

Resource Center for Students with Special Needs



CONTACT :
Mr. Yashwant Baing, Registrar, responsible for functioning of DRC

TCET is dedicated to provide 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 provide 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 to successfully complete the program of study that will enable them to be self supporting while remaining as independent as possible.

AWARENESS

Through notices, website & admission brochure.

SUPPORT

The students with disabilities get:

- Facility to record lectures
- Extended loan period for Library books
- Reading material in advance of lectures
- Book bank services
- Wheel chair, if needed
- Extended time for writing examinations, conducting practical / workshop practice
- Extended time line for submissions
- Mentor
- Additional support (writer) during examination
- Clear information about course requirements and deadlines well in advance
- Reserved seating in class
- Human support in certain outdoor activities
- Breaks during practical, if needed
- Meetings with office in-charge to discuss problems, if needed

STUDENT RESPONSIBILITIES

Student responsibilities include :

- To self-identify as a *student with a disability* to the DRC office at the college
- To provide up-to-date documentation of the disability to the DRC office
- To self-identify to faculty/mentor as a *student with a disability* and provide them with a copy of the Individual Student Profile
- To remind faculty in a timely manner of academic concessions required for tests and assignments
- To accept responsibility for his or her

successful education This includes maintaining satisfactory academic levels, attending classes, completing assignments, behaving appropriately, and communicating regularly with the appropriate office and/or individual regarding specific needs.

OFFICE RESPONSIBILITIES

The office responsibilities includes:

- To assess students' requests for concessions using the current disability documentation provided by the students.
- To provide information regarding policies, procedures, rights and responsibilities to students with disabilities in accessible formats upon request.
- To recommend and provide reasonable and appropriate learning and testing concessions, academic adjustments, and/or auxiliary aids for students with disabilities who meet the college or university criteria for eligibility.
- To ensure confidentiality of all information pertaining to students' disabilities.
- To assist students in communicating with faculty about their disabilities and required concessions, if needed.

FACULTY RESPONSIBILITIES

The faculty responsibilities include:

- To allow students to disclose their disabilities in an appropriate and confidential place
- To provide reasonable instructional and/or testing concessions
- To acknowledge the rights of students with dignity and respect
- To maintain integrity of academic standards
- To maintain student confidentiality at all times

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 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 evidences of such payment made to institution.

Grievance Redressal Committee

Sr. No.	Name	Designation	Contact No.	E-mail Id	Remark
1.	Dr. R. R. Sedamkar	Professor, Dean (Academics)	6730 8000	rr.sedamkar@thakureducation.org	Chairman
2.	Ms. Poorva Waingankar	Associate Professor, HOD(ETRX)	6730 8000	poorva.waingankar@thakureducation.org	Member
3.	Mr. Hemant Kasturiwale	Associate Professor-ETRX	6730 8000	hemant.kasturiwale@thakureducation.org	Member
4.	Dr.Rajni Bahuguna	Assistant Professor-H&S, FE In-charge	6730 8000	rajni.bahuguna@thakureducation.org	Member
5.	Ms. Nita Jain	Assistant Professor-H&S	6730 8000	nita.jain@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.

Women Development/Women Grievance Committee

Sr.No.	Name	Designation	Remark
1.	Dr. Lochan Jolly	Professor, Dean-Student & Staff (Welfare)	Dean-SSW
	Ms. Poorva Waingankar	HOD (Electronics), Associate Professor	Chairperson
2.	Ms. Nisha Malawat	NGO-Abhilasha, Gorai, Boariwali (W)	NGO Member
3.	Dr. Vinayak Bharadi	HOD-IT, Associate Professor	Faculty Members
	Ms. Vidyadhari Singh	Examination Coordinator, Assistant Professor	
	Ms. Nita Jain	Assistant Professor	
4.	Mr. Yashwant Baing	Registrar	Non-Teaching
	Ms. Bharati Rathod	Sr. A/c's Clerk	
	Ms. Pallavi B.Patil	Sr. Clerk	
	Ms. Teena Sequera	Advocate -TEG	
5.	Ms. Prajakta Pawar	B.E. ETRX	Students Member
	Ms.Snehal Ransingh	B.E. EXTC (B)	
	Mr. Rishabh Prakash	B.E. CMPN (B)	

Scholarship Benefit (Under Various Schemes)

Sr.No.	Name of Scholarship 2015-16	No. of Applications Received	No. of Sanctioned Scholarship
1	M.E. GATE Scholarship (GATE/GPAT are eligible for full-time course, Getting 13,200/- per month) (Period July to June)	7	7 (Receiving for one year)
2	Prime Minister Special Scholarship Scheme for Jammu & Kashmir Getting from AICTE to J&K Students Getting 100% Tuition fees and Hostel fees	2	2
3	Government of India Post Matric Scholarship Getting from Social Welfare to SC / ST / SBC / DT / VJNT / OBC only CAP admitted Students Getting 100% Tuition fees and Exam fees to SC / SBC and Getting 50% of Tuition fees and Exam Fees to OBC. For OBC - Freeship parents income upto 4,50,000/-	50	Not yet received
4	Government of India Post Matric Scholarship Getting from GOI to Scheduled Tribe only CAP admitted Students Getting 100% Tuition fees & Exam Fees to ST Students	1	Not yet received
5	Merit-cum-Means based Scholarship Getting from Govt. of India (Central) to Minority Communities-Muslim/ Christian/ Sikh/ Parsi/ Buddhist/ Jain and whose parents annual income is upto Rs.2.50,000/- Getting Rs. 25000/- per student	21	Not yet received
6	State Govt. Scholarship (SGS) Merit-cum-Means (MCM) Getting from State Govt. to Minority Communities-Muslim/Christian/ Sikh/ Parsi/ Buddhist/Jains Only for Maharashtra Candidates and whose parents annual income is upto Rs.2.50,000/- Getting Rs. 25000/- per student.	83	63 (20 yet to receive)
7	Economic Backward Class (EBC) - DTE Getting from DTE to CAP admitted students only and having family annual income upto 1,00,000/- Getting 50% of Tuition Fees	33	Not yet received
8	Economic Backward Class (EBC) - UOM Getting from UOM to any 5 students whose parents annual income is upto Rs. 1,00,000/- Getting Rs.2550/- per student.	4	Not yet received
9	Pragati - Schlarship for Girls Students Getting from AICTE to Girls Student, Family Income should be less than Rs. 6 Lakhs per annum, Admitted to AICTE approved Institutions in programmes / courses of Diploma and Undergraduate Degree Level, Only for students admitted in first year of the academic year. Getting Rs. 30000/- or the tuition fees paid, whichever is less and Rs. 2000/- per month for ten months as contingency allowance.	2	Not yet received
10	Saksham - Scholarship to Differently Abeled students Getting from AICTE to Differently Abeled students, Family Income should be less than Rs. 6 Lakhs per annum, Admitted to AICTE approved Institutions in programmes / courses of Diploma and Undergraduate Degree Level, Only for students admitted in first year of the academic year. Getting Rs. 30000/- or the tuition fees paid, whichever is less and Rs. 2000/- per month for ten months as contingency allowance.	1	Not yet received

Sr.No.	Name of Scholarship 2015-16	No. of Applications Received	No. of Sanctioned Scholarship
11	Sir Dorabji Tata Trust – Means Grant - College Getting from Sir Dorabji Tata Trust to S.E. to B.E. students and whose parents annual income is less. Getting Tuition fee	43	Not yet received
12	The J.R.D. Tata Trust Scholarship Program Getting from J.R.D. Tata Trust to S.E. to B.E. students only to 15 students those who are having 80% and above marks. Getting Tuition fee.	151	15
13	Other Scholarships Getting to those students who were applying individually -Priyadarshni Academy Scholarship, MTNL, BMC, Railway, (Parents Offices), Any Trusts	80	17 (63 Not yet received)
Total		478	104

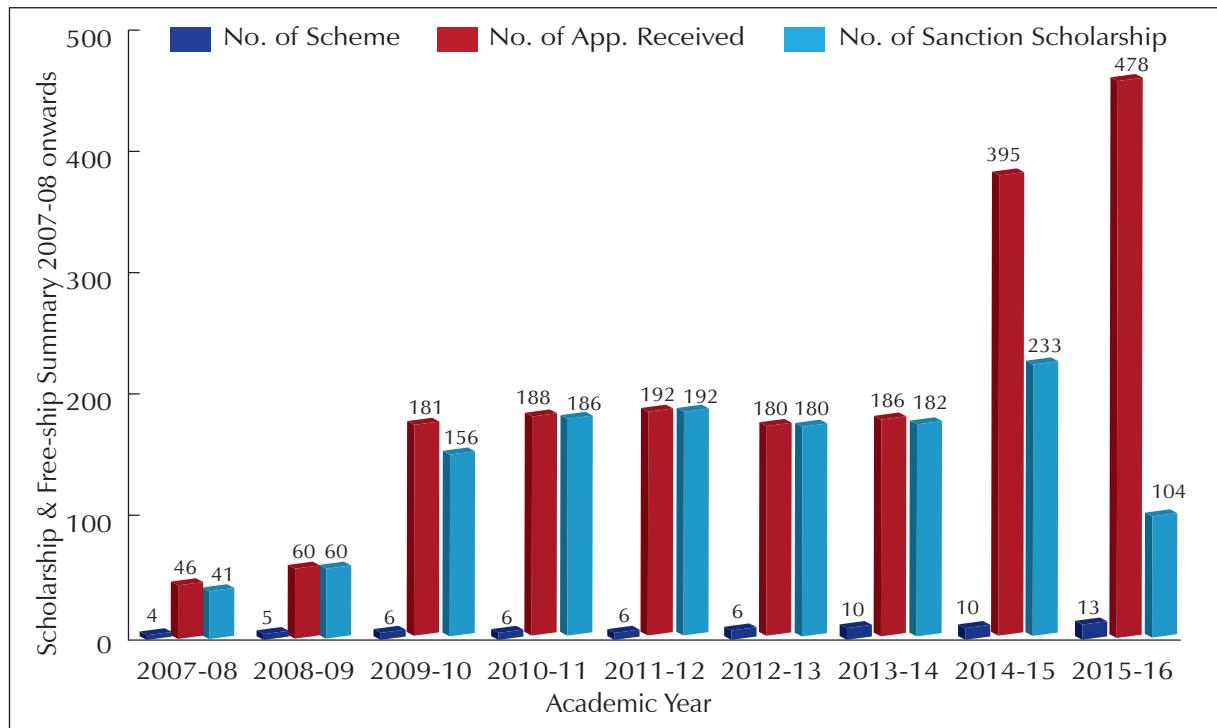
Sr.No.	Name of Scholarship 2014-15	No. of Applications Received	No. of Sanctioned Scholarship
1	M.E. GATE Scholarship (GATE/GPAT are eligible for full-time course, Getting 13,200/- per month) (Period July to June)	9	9 (Receiving for one year)
2	Prime Minister Special Scholarship Scheme for Jammu & Kashmir Getting from AICTE to J&K Students Getting 100% Tuition fees and Hostel fees	2	2
3	Government of India Post Matric Scholarship Getting from Social Welfare to SC / ST / SBC / DT / VJNT / OBC only CAP admitted Students Getting 100% Tuition fees and Exam fees to SC / SBC and Getting 50% of Tuition fees and Exam Fees to OBC. For OBC - Freeship parents income upto 4,50,000/-	44	44
4	Government of India Post Matric Scholarship Getting from GOI to Scheduled Tribe only CAP admitted Students Getting 100% Tuition fees & Exam Fees to ST Students	–	–
5	Merit-cum-Means based Scholarship Getting from Govt. of India (Central) to Minority Communities-Muslim/ Christian/ Sikh/ Parsi/ Buddhist/ Jain and whose parents annual income is upto Rs.2.50,000/-. Getting Rs. 25000/- per student	25	25
6	State Govt. Scholarship (SGS) Merit-cum-Means (MCM) Getting from State Govt. to Minority Communities-Muslim/Christian/ Sikh/ Parsi/ Buddhist/Jains Only for Maharashtra Candidates and whose parents annual income is upto Rs.2.50,000/-. Getting Rs. 25000/- per student.	57	57
7	Economic Backward Class (EBC) - DTE Getting from DTE to CAP admitted students only and having family annual income upto 1,00,000/-. Getting 50% of Tuition Fees	32	30 (Yet to receive)

Sr.No.	Name of Scholarship 2014-15	No. of Applications Received	No. of Sanctioned Scholarship
8	Economic Backward Class (EBC) - UOM Getting from UOM to any 5 students whose parents annual income is upto Rs. 1,00,000/-. Getting Rs.2550/- per student.	5	5
9	The J.R.D. Tata Trust Scholarship Program Getting from J.R.D. Tata Trust to S.E. to B.E. students only to 15 students those who are having 80% and above marks. Getting Tuition fee.	159	31
10	Other Scholarships Getting to those students who were applying individually -Priyadarshni Academy Scholarship, MTNL, BMC, Railway, (Parents Offices), Any Trusts	62	30
Total		395	233

SCHOLARSHIP & FREESHIP SUMMARY 2007-08 ONWARDS

YEAR	No. of Scheme	No. of Applications Received	No. of Sanctioned Scholarship
2007-08	4	46	41
2008-09	5	60	60
2009-10	6	181	156
2010-11	6	188	186
2011-12	6	192	192
2012-13	8	180	180
2013-14	10	186	182
2014-15	10	395	233
2015-16	13	478	104*

* In process



Institutes Managed by Thakur Education Group



- | | |
|-------------|---|
| 1990 | Thakur Vidya Mandir High School and Junior College (SSC / HSC Board, English Medium) |
| 1992 | Thakur College of Science and Commerce (HSC Board Sc / Comm, B.Com., B.M.S., B.M.M., B.Sc., B.Sc.IT., M.Sc. By Papers / By Research, M.Com.) |
| 1998 | Thakur Polytechnic (Diploma Engineering) |
| 2000 | Thakur Shyamnarayan High School (SSC Board, Hindi Medium) |
| 2001 | Thakur College of Engineering and Technology (B.E. / M.E. / Ph.D. Technology) |
| 2001 | Thakur Institute of Mgmt. Studies, C D and R (M.C.A.) |
| 2001 | Thakur Institute of Career Advancement (D.V.S.L.I.) |
| 2002 | Thakur Shyamnarayan High School (SSC Board, Marathi Medium) |
| 2002 | Thakur Institute of Management Studies & Research (M.M.S. / P.G.D.M. / Part Time Courses) |
| 2003 | Thakur Public School (ICSE / ISC Board) |
| 2005 | Thakur Toonskool Advanced Animation Academy (B.Sc. Animation) |
| 2006 | Thakur Institute of Aviation Technology (A.M.E.) |
| 2007 | Thakur Shyamnarayan College of Education and Research (B. Ed.) |
| 2008 | Thakur International School (CIE and ICSE Board) |
| 2013 | Thakur Shyamnarayan High School (SSC Board, English Medium) |
| 2014 | Thakur School of Architecture & Planning (B. Arch.) |
| 2016 | Thakur Vidya Mandir Global School (C.B.S.E. Board New Delhi) |





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 | E-mail: tcet@thakureducation.org
| Website : www.tcetmumbai.in | www.thakureducation.org