



Estd. 2001

Your Platform to Build a Bright Future

Admission Brochure

A.Y. 2015-16



*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)

(Accredited by National Board of Accreditation, New Delhi)\* ISO 9001 : 2008 Certified

\*Accredited Programmes : • Computer Engineering • Electronics & Telecommunication Engineering • Information Technology (w.e.f.: 16-09-2011 for 3 years)

There are many Institutes providing engineering education,  
but few are Trendsetters...and that is TCET!



## 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 result in industry.*



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



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# TESTIMONIALS

*I feel very proud to see my daughter doing engineering in one of India's premier institution which is well versed with student need.*

- Mr. Hemang Shah  
(Father of Ms. Shailee Shah-IT)

*Beautiful Infrastructure and quality in academics with discipline.*

- Mr. Ashok Singh  
(Father of Mr. Manvendra P. Singh -IT)

## PARENTS

*This institute is one of the premium institutes of Mumbai. The infrastructure and placement provided to students is excellent. Efforts taken by the faculty members are also Commendable.*

- Mr. Amin Prakash  
(Father of Srishti Prakash, TE ETRX)

*I am very happy with the infrastructure of the college. Good discipline is maintained! Quality of Education is good !*

- Ms. Sunita Tiwari  
(Mother of Ankit Tiwar TE EXTC-B,

*It is an excellent campus and facilities provided are first class. It is clear that all efforts are made to improve the learning and skills of students!*

- Justice P. S. Patankar (Retd.)  
Chairman, Shikshan Shulka Samiti

*I congratulate Management & Principal for encouraging students to inculcate Research Culture. Very Innovative!*

- Dr. S. P. Yavalkar  
Dy. Director-DTE, Maharashtra State

## CORPORATE

*Excellent campus and really great faculty and students! Was very impressed with the infrastructure. Wish Principal and his team the very best!*

- Madhavi Lall  
HR Accenture

*It was very energizing meeting all the young Students of TCET! Great students great college!*

- Sunil Fernandes  
Senior Executive, Accenture

*Privileged to be part of the first ever convocation! Great environment and people!*

- Lokendra Sethi  
MD -HR-Accenture

*Excellent hospitality and service providers. Very clean and co-operative placement department!*

- Ms. Ayesha Pathan  
HR Executive at Bista Solution Pvt



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

# 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 beneficially 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!



# 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!



# PRINCIPAL



Today the student community is showing a greater inclination towards engineering programme as it provides quality global career with minimum investment. TCET, which falls under the umbrella of Thakur Education Group (TEG), is one of its premiere institutes. The institute's aim is to nurture young talents in the field of engineering and technology with quality education. Apart from teaching the university prescribed syllabus, TCET also works on meeting industry requirements by conducting workshops and training on technical and soft 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. These facilities are instrumental in creating a better teaching-learning process, at the same time providing quality education to the students.

The 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 which shape the professional career of the student as a successful technocrat/ techno-manager/techno-scientist.

SEPM includes:

- Conducting orientation and brain storming sessions on regular basis
- Proper planning for academic content deliveries during semester with enough practise session
- Arranging industrial visits/ internship
- Training under Student Development Programmes (SDP), pre and post placement training
- Class-work, homework, tutorial, mock test as a part of continuous learning and Remedial work to compensate attendance and academic loss
- Mentoring and Counseling for professional growth of student with emphasis on helping the weaker students



Dr. B. K. MISHRA

- Active professional bodies and student council for co and extra-curricular activities
- To inculcate strong R&D and entrepreneurship culture with the perspective of programmes

Effectiveness of SEPM can be seen from the following facts:

- Ownership of Institutional / Departmental Activities by Deans / HoD and Faculty members
- Excellent result at University exam with high consistent success rate
- Increasing number of eligible students for campus placement with excellent placement track record
- Advantage of Corporate Campus Connect Programmes to students and faculty members
- Establishment of center of excellence in collaboration with industry for training and internship and innovation as per industry practice.

The management's commitment, constant support of the CEO, and positive attitude of the faculty members towards the overall growth of the students have been reciprocated by the society with the overwhelming response in the past and is likely to keep up with the trend in the current academic year.

Wish you all the best for a bright future!



# DEAN (ACADEMIC)



Dr. R. R. SEDAMKAR

Dear Students,  
Warm Welcome!

The biggest challenge for today's engineering educational institutions is to accommodate the ever changing aspirations of the younger generation. We continuously put efforts to accommodate these aspirations by fine tuning the academic delivery mechanism with innovative teaching - learning practices along with all-round developmental activities.

Our aim is to prepare academically rich and professionally competent work force with social sensitivity. We believe that with planned actions and timely implementation, we will be able to come out with desired results in moulding our future generation for employment and for higher studies in India and abroad.

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

Wishing you all the best for a fruitful learning journey at and for a bright future!



# 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 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!



# DEAN (STUDENT & STAFF WELFARE)



Dr. LOCHAN JOLLY

“ “ Welcome 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 work, sports and co-curricular activities 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 - A Cultural event organized by Student Council of the institute

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



# Educational Excellence

- Accredited by NBA for Undergraduate Programmes
- Ph.D. Research Center of University of Mumbai
- Winner of IMC-RBNQA Commendation Certificate for Performance excellence in the education category
- Recognized as per AICTE-CII survey 2013-2014 as Emerging Private Engineering Institute with one of the best industry linkages.
- Setting up of Cloud Computing Laboratory with grants from AICTE-MODROB and Software Grant from Microsoft.
- Establishment of Thakur Accenture Innovation Center
- Center of professional training under Infosys campus connects and Accenture's Head Start Foundation Programme, E Box of Capgemini, ESD of Zensar Technologies, Springboard of L&T Infotech etc.
- Thakur-IIT Bombay - Aakash Tablet Application Development Center, spoken tutorial for learning open source programming tools and development platform
- IIT-Bombay Remote Center for Student and Faculty Development Programmes
- TATA Technologies Center of Excellence for training on CAD/CAM/CAE/PLM
- Activities of CII Education Excellence Forum under SDP & FDP and Industry Connect programme
- Establishment of Texas Instruments centre of excellence (under process)



# 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



**Well qualified and experienced faculty** for Structured & Guided Education

**Creativity and Innovation** for sustainable professional growth



**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



# TESTIMONIALS

## M.E. STUDENTS

*TCET is providing excellent infrastructure, well qualified teachers for post graduation study. TCET has given me an opportunity to pursue my ME along with my career!*

Ms. Ashwini Patil  
ME Batch 2013-15

*TCET being the most well renowned institute, has given us an opportunity to pursue out post graduation studies alongwith a path for making our career.*

Ms. Sneha Rodrigues  
ME Batch 2014-16

*TCET providing the best infrastructure as well as technical education quality. It has given the best quality of work experience with ME studies. Faculty are well qualified as well as they have practical knowledge.*

Ms. Smita Chaturvedi  
ME Batch 2012-14

*TCET has been research oriented. It provides many IIT workshop for ME pursuing students. They conduct STTP programs for their students to grow in technical as well as practical knowledge.*

Mr. Godson D'Silva  
ME Batch 2013-15

*TCET is truly being one of the most renowned institute in mumbai which provides quality technical education to all it students.*

Ms. Jalpaben D. Pandya  
ME Batch 2012-15

*TCET provides the best infrastructure in Mumbai. It gives the best knowledge. It also gives the students to earn and learn. I am very happy and proud to be part of it.*

Ms. Deepti Chavan  
ME Batch 2013-15

*TCET has good quality of teachers with good knowledge and best infrastructure!*

Ms. Anushri Ranzad  
ME Batch 2013-15



**A.Y. 2001-02**  
Establishment of Institute  
with **180** Intake at  
U.G. level with  
**3** Programmes for  
CMPN, EXTC & IT

**A.Y. 2003-04**  
U.G. Intake  
increased to **300**

**A.Y. 2005-06**  
**ISO 9001:2000**  
Certification

**A.Y. 2006-07**  
U.G. Intake  
increased to **360**

**A.Y. 2008-09**

- 1<sup>st</sup> recertification 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

# 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:

- 1) ISO 9001:2000 certification since 21<sup>st</sup> December 2005 & is upgraded to ISO 9001:2008 since December 2009.
- 2) Best Quality Enhancement Team – NCQM Quality award in Exam Results for A.Y. 2009-10 (II<sup>nd</sup> prize)
- 3) Accreditation by more than 50 recruiting industries for campus placement since A.Y. 2005-06. NBA Accreditation for CMPN, EXTC and IT for 3 years w.e.f. 16.9.2011
- 4) Indian Merchant Chamber's Ramkrishna Bajaj National Quality Award, IMC-RBNQA Commendation Certificate for performance excellence which is based on Malcolm criteria, 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. 2009-10

- Upgradation from ISO 9001:2000 to ISO 9001:2008
- BEQEF-NCQM Quality Award in Exam Results - IIInd Prize
- Starting of International Conference & Workshop as a yearly event - ICWET as First Edition

## A.Y. 2011-12

- NBA Accreditation of CPN, EXTC & IT for 3 years w.e.f. 16.9.2011
- 2<sup>nd</sup> recertification of ISO 9001:2008
- Starting of P.G. Programmes with 18 Intake each in CPN & IT
- P.G. Intake increased to 54

## A.Y. 2012-13

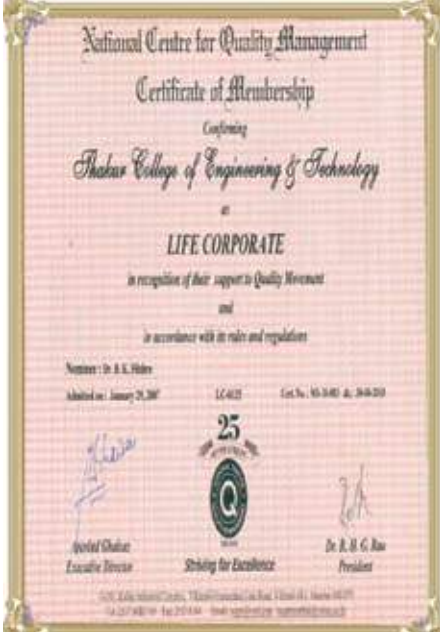
- Starting of Mech. Engg. programme with 120 Intake
- U.G. Intake increased to 540 with 5 Programmes
- IMC-RBNQA Commendation Certificate for Performance Excellence in Education Category
- Starting of 2<sup>nd</sup> Edition of International Conference & Workshop as MULTICON-W

## 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. 2014-15

- Establishment of Ph.D. Research Center of UoM
- 3<sup>rd</sup> recertification 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



# TCET ADVANTAGES

1 Professional opportunities on completion of programme

Students can opt for higher studies in Indian and foreign universities



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



Local industrial visit to expose the students to industrial work environment



# BEST PRACTICES (STUDENT-CENTRIC)

② Professional opportunities on completion of programme | Get the opportunity to work in corporate sectors such as service sectors, IT, Telecom etc

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



Motivation to participate in academic events to broaden knowledge base

Expert lectures by eminent guest faculty members



# TCET ADVANTAGES

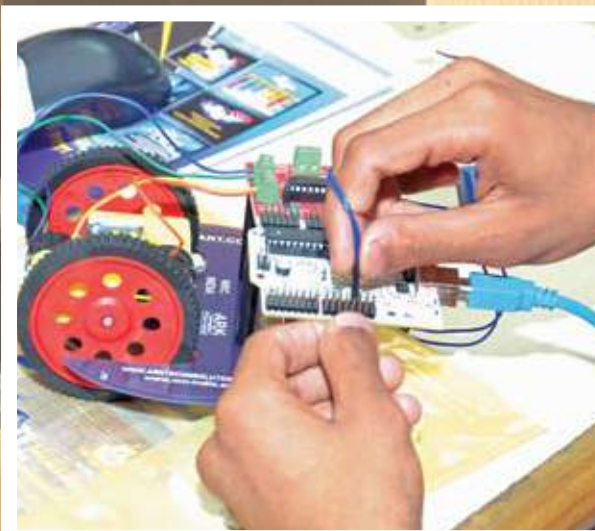
3 Professional opportunities on completion of programme

Get the prospect of working in government, public and private sector



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

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



Quality BE projects as per industry standard to make students ready for industry.



# BEST PRACTICES (STUDENT-CENTRIC)

4 Professional opportunities on completion of programme | Become self employed as professionals or entrepreneur

Student Development Programme (SDP) to bridge the gap between curriculum and industry requirements



Training/workshops/seminars/conference etc. to update students with current trends and emerging challenges, and also to improve technical writing skills

Quality improvement programmes and R&D activities to nurture professional growth of students with creative and innovative mind which will prepare them for lifelong learning



# TESTIMONIALS

## U.G. STUDENTS

A place where talent meets innovation. TCET has been supportive in every walk of a student's four years of Engineering life. Be it the first year of the course where we are guided towards achieving the best for the year or our last year of course which is accompanied by excellent choices for placement... TCET is always supportive to us!

Drishti Bhati  
BE IT

Friendly atmosphere and helpful staff members. An excellent learning environment with excellent learning resources including a modern computer lab helped me increase my confidence and communication & management skills by providing extra-curricular activity.

Sahana S Nayak  
BE CMPN

This college provides good teaching facilities and has good infrastructure. Teachers and staff help students' requirements. Staff is very supporting!

Shruti Mendon  
SE ETRX

My experience being a part of TCET so far has been eventful. This institute has provided me with an opportunity to make my dreams true and is guiding me in the direction of success. Amazing campus, great faculty! Proud to be a part of this institute.

Rashi Dhariwal,  
FE CMPN

- Good environment which motivates you to study
- Teachers are taking lots of effort for helping us in our projects
- Innovative things are always given priority.

Nilesh Hayide  
BE ETRX

TCET very aptly fulfills the statement "Nurturing talents and setting trends!" TCET is an institute where each one of them is given an opportunity to hone and flaunt their skills. Be it cultural, sports or extra-curricular, TCET provides the necessary platform to its students.

Rahasya Prabhakar  
BE EXTC

We are very happy with the Institute and its quality of education. We appreciate the amount of programmes conducted. We also very much admire the quality of teachers, the level of discipline. The fully equipped laboratories, canteen service etc.

Nishant Dehrekar,  
SE EXTC

Teachers with excellent teaching skills, supportive staff, amazing campus and helpful resource books. That's all a student needs. Also the state-of-the-art infrastructure and the library and laboratory facilities make it the best. An year with TCET was amazing! Looking forward for three more amazing years!

Shivani Kulkarni  
FE CMPN

TCET has excellent infrastructure & very helpful faculty. The quality of instruction and practical knowledge imparted by faculty is excellent.

Dalvi,  
TE Mechanical

The College is superb in every aspect. A superb library with almost everything available. A great setup for our Civil dept. with state-of-the-art labs. An excellent infrastructure and a good locality around.

George Zachariah  
FE-Civil

I feel it is one of the best colleges as it not only trains students for the academics but also has programs like the Academic Orientation Programme which briefs the students about the different academic schemes and the student development programme which guides the students about the placements.

Pratik P Jain  
FE EXTC

Being a part of TCET has been a great experience. We are provided with various development opportunities and all the faculty and staff members are very helpful. They have amazing programs for student development.

Akanksha Chand  
FE IT



# 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 courses of U.G. and P.G. are approved by All India Council of Technical Education (AICTE), New Delhi and Directorate of Technical Education (DTE), Maharashtra State. All seats at U.G. and P.G. are filled-up as per the guidelines of DTE applicable for minority institution. As per the existing guidelines, sharing of seats with DTE at U.G. /P.G. programmes are as follows :

- 51% for minority quota filled up by the institute
- 29% for DTE centralised admission process
- 20% for Institute level admission open for all categories

Institute also offers Ph.D. (Technology) of UOM programme and admission is given as per the guidelines of UOM. Course duration in minimum three years.

## UNDERGRADUATE COURSES (B.E.)

Courses	Current intake	Year of Starting the Course	Accreditation Status
Computer Engineering (CMPN)	120	2001	Accredited for 3 years w.e.f. 16.9.2011 (Re-Accreditation in process)
Electronics & Telecommunication Engineering (EXTC)	120	2001	
Information Technology (IT)	120	2001	
Electronics Engineering (ETRX)	60	2008	Accreditation in process
Mechanical Engineering (MECH)	120	2012	Eligibility after A.Y. 2017-18
Civil Engineering (Civil)	120	2014	Eligibility after A.Y. 2020-21

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

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)

## Feedback of faculty

*I am proud to be a faculty member of TCET. Working environment at TCET is excellent. TCET has strong leadership and potential for growth.*

- S. N. Sharma (CMPN)

*TCET has always encouraged faculty member to upgrade their knowledge and skills by organizing FDPs and seminars workshops for faculty members. I am proud to be part of this institute which provides state-of-the-art infrastructure to work efficiently.*

- Archana Deshpande (EXTC)

*TCET and technology provides encouraging and well defined work environment where faculty can upgrade themselves and grow professionally. Industry Oriented training, Faculty development Programs, Seminars and workshops provide the right platform for the growth of Institute and the individual. It is my please to be a part of this institute.*

- Vikas Kaul (IT)

*We, at TCET, are like a family who stays together in all ups and downs. TCET has given every opportunity to us to excel in every aspect of education.*

*I am proud to be in TCET!*

- Jyoti Kori (ETRX)

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

-Rupesh Deshbhratar (Mech.)



# ABOUT THE INSTITUTE (MINORITY)

## Why TCET?

### Academic

- F.E. result higher than University average result
- Final Year B.E. results are more than 85%
- 80% or more students pass with Distinction/First Class
- Success rate is more than 75%
- Around 20% qualify in competitive examinations viz. GMAT/ GRE/TOFEL/ GATE/CET/CAT

### Faculty

- 159 committed and dedicated faculty members for A.Y. 2015-16
- More than 30 senior faculty members
- 15:1 Student-faculty ratio
- 20 faculty with Ph.D., 4 faculty submitted Thesis and 29 are pursuing Ph.D.
- 77 faculty with M.E. /M.Tech./M.Phil.
- 24 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

### 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

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 (i.e. EXTC, IT and CMPN) have been accredited by NBA for three years w.e.f. 16.9.2011 for three years and the re-accreditation of these courses are in process. Institute also applied for accreditation of Electric engineering programme (ETRX) as three batches are already passed out. TCET is a private self financed linguistic (Hindi speaking) minority institute.

Institute has also applied for the permanent affiliation of four programmes EXTC, IT, CMPN and ETRX. Process is completed and result is awaited.

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.

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 center of higher education.

At TCET, the importance of faculty is well understood and is reflected in qualified, experienced and permanent





Faculty Members



Non Teaching Staff

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 ICWET 2010-12, Multicon-W 2013, 2014 and 2015, 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.

### Key Facilities

#### Computational Facilities-

840 Computers on LAN

**INTERNET connectivity-** Two leased lines with 12 MBPS and 2 MBPS and virtual classroom, webinar on-line learning etc and the contention ratio of 1:1

Additional 10 MBPS line as stand-by is also made available

**Laboratory** - 72 well equipped labs in 6 departments

**Sports** - Facility 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 etc.

### Campus Placement

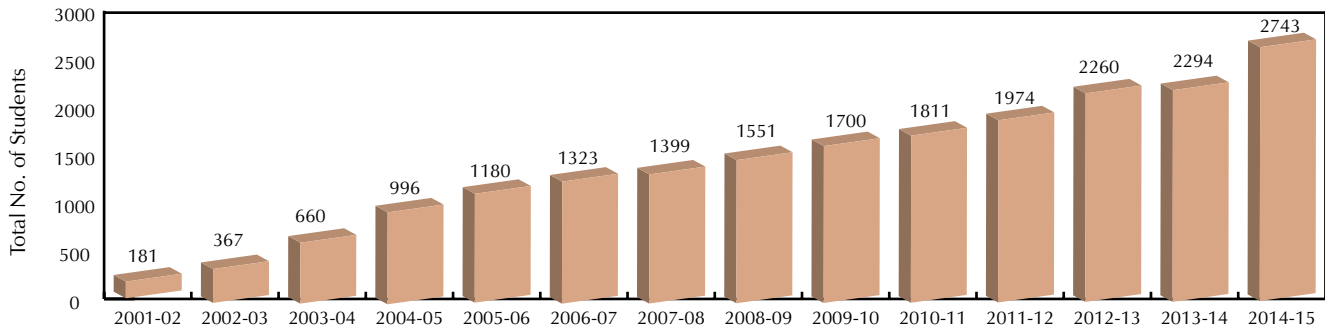
- One of the best placements in the city
- More than 45 companies visit the campus
- 270 students from Batch-2015 placed till date
- Pool campus for many blue-chip companies since A.Y. 2006-07

### Life at TCET...

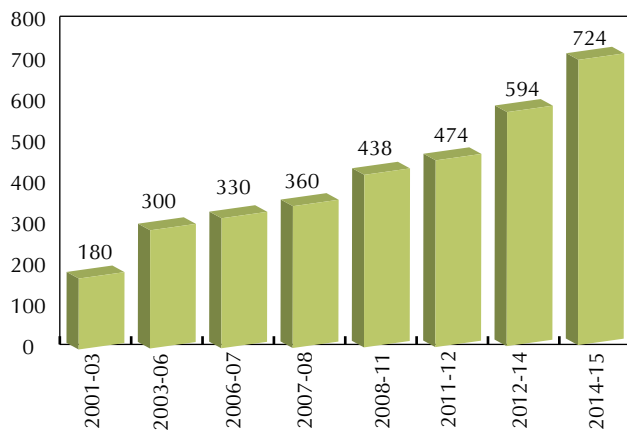


# INSTITUTIONAL GROWTH

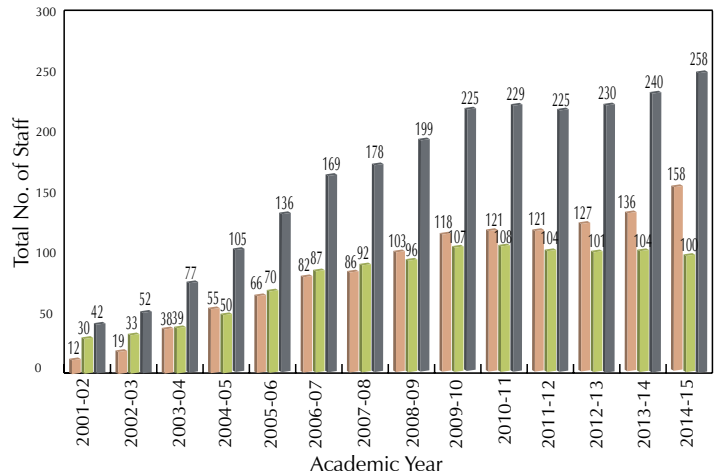
## Growth of number of Students since inception



## Growth of sanctioned intake by AICTE since inception



## Growth of number of Staff since inception



■ No. of Teaching Staff 
 ■ No. of Non-Teaching Staff 
 ■ Total No. of Staff

## Core Values



- Integrity and accountability
- Respect for every individual
- An unfettered spirit of learning, exploration, rationality and enterprise
- Appreciation of intellectual excellence and creativity
- Sensitive towards social responsibilities

## Social Commitment



- Public awareness programmes
- Counselling for engineering aspirants
- Parents meetings and interaction
- Understanding industry needs and social responsibility

## Future Plans



- National and International accreditation
- Expansion of U.G. / P.G. & Ph.D. programmes courses
- Expansion of R & D Centres
- Platform to Value Added Learning (VAL)
- Platform to Life long learning



# ACADEMIC PERFORMANCE

Examination	CMPN		EXTC		IT		ETRX	
	University (%)	TCET (%)	University (%)	TCET (%)	University (%)	TCET (%)	University (%)	TCET (%)
May 10	90.48	98.10	85.68	94.48	91.65	94.27	–	–
May 11	92.84	95.28	87.00	93.80	96.25	98.54	–	–
May 12	92.69	93.06	80.29	94.12	96.50	97.86	79.15	86.15
May 13	94.47	96.60	86.49	80.26	96.97	99.31	79.90	75.00
May 14	93.43	95.89	86.43	90.73	96.25	95.14	83.08	85.00

## TCET – B.E. Result

### B.E. (May 2011)

Branch	No. of Students appeared	No. of Students Passed	Passing (%)	Distinction (%)	Ist Class (%)
CMPN	106	101	95.28	61.39	35.64
EXTC	129	121	93.80	28.93	45.45
IT	137	135	98.54	31.85	53.33

### B.E. (May 2012)

Branch	No. of Students appeared	No. of Students Passed	Passing (%)	Distinction (%)	Ist Class (%)
CMPN	144	134	93.06	42.54	51.49
EXTC	136	128	94.12	26.19	51.59
IT	140	137	97.86	43.80	45.99
ETRX	65	56	86.15	25.00	67.86

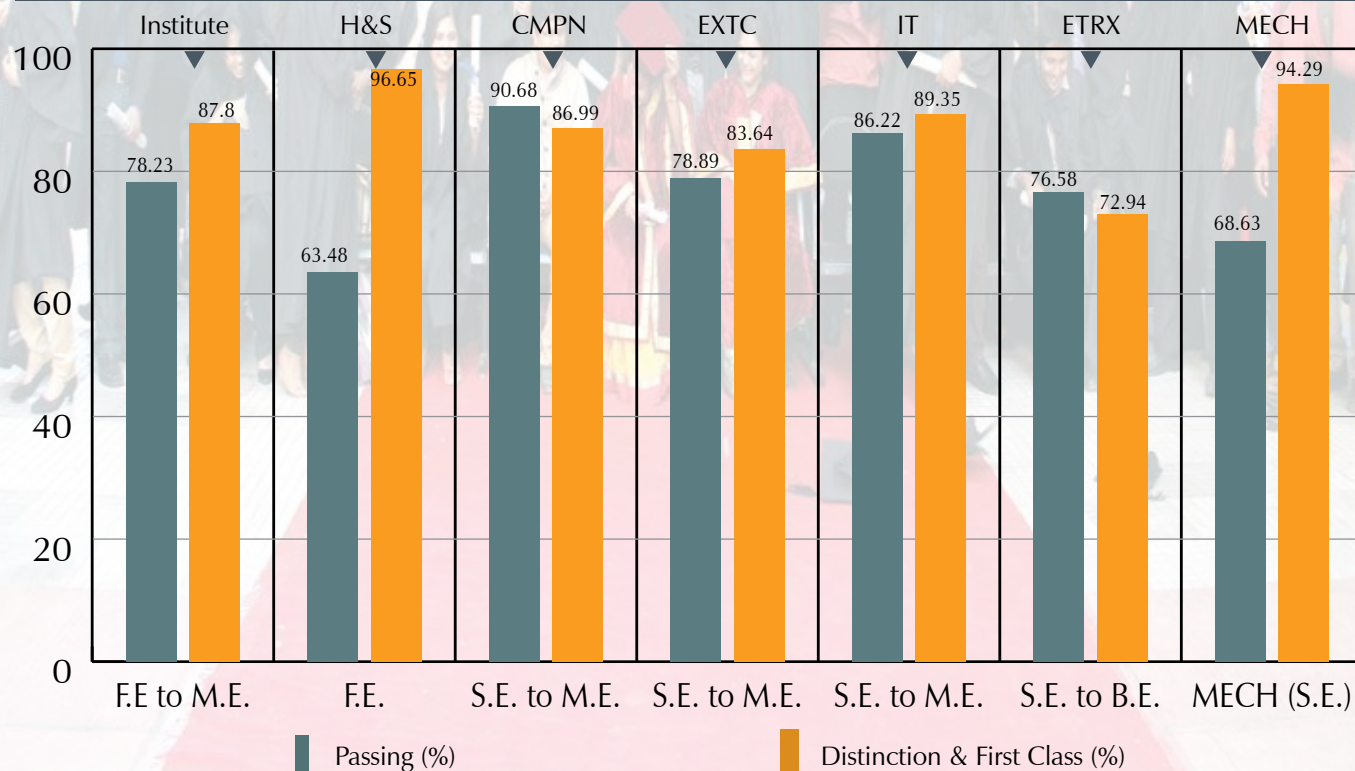
### B.E. (May 2013)

Branch	No. of Students appeared	No. of Students Passed	Passing (%)	Distinction (%)	Ist Class (%)
CMPN	147	142	96.60	43.26	51.77
EXTC	152	122	80.26	30.78	58.68
IT	145	144	99.31	34.72	61.11
ETRX	64	48	75.00	43.75	50.00

### B.E. (May 2014)

Branch	No. of Students appeared	No. of Students Passed	Passing (%)	Distinction (%)	Ist Class (%)
CMPN	146	140	95.89	30.74	64.29
EXTC	151	137	90.73	31.82	52.23
IT	144	137	95.14	48.18	41.61
ETRX	80	68	85.00	16.42	62.29

## INSTITUTE & DEPARTMENT RESULT - MAY 2014





Thakur Accenture Innovation Center



Library seating arrangement



Audio-Visual room



Classroom



Seminar hall with conference room seating arrangement

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 the seating capacity 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 environment. Each classroom has the seating capacity upto 80. Institute has six seminar rooms well equipped with audio-visual, smart boards-INTERNET



# INFRASTRUCTURE



Library Stack Section



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

Wi-fi connections and the seating arrangement viz cluster, class room, theatre, conference arrangement etc. Seating arrangement varies from 26 to 150.

### 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.



# COLLEGE INFRASTRUCTURE



R&D Laboratory

## R&D

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 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 any R&D Cell is measured in terms of publications, patents, conferences/seminars organized, funding received, industrial consultancy, etc. So, TCET is also looking forward for success in these domains. Last academic year, institute received three minor research grants from University of Mumbai. Incubation centre with approx. 4000 sq ft will be added in the TCET Extension Centre.

## Cafeteria

The College accommodates a large cafeteria. At a time more than 200 students can be served.



College Canteen





Play ground

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 more than 800 computers are connected for INTERNET access. PRI line for telephone, dedicated 9 servers including one content server for e-books / journals / magazines etc. are also available. Internet speed is 11 Mbps with contention ratio of 1:1.

### Recreation Room

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

### Sports Ground

The college provides a large playground of 3.5 acres to suit all sorts of sports activities. Sports facilities developed in the ground includes: volleyball, badminton, throw-ball, foot-ball, cricket, kabaddi and many more out-door events. Three cricket practice pitches are available for net practice. In addition, there is Thakur Cricket Stadium managed by TEG to promote cricket.



Metrology & Quality Engineering Laboratory



Seminar hall with Cluster seating



# Institutional Activities in a nutshell



NSS (Blood Donation Camp)



Enertia



Sojourn



Convocation (UOM)

## Classification

Curricular Activities			
Scope	Objective	Outcome	Ideal Period
To conduct engineering programme as per the syllabus of University of Mumbai.	To ensure the success of students in university examination by 100% syllabus coverage and enough practice where learning is evaluated through continuous evaluation and semester end examination.	Academic result in university examination and eligibility for placement in proportionate with quality objective.	Semester as per academic calendar.
Co-curricular Activities			
To address the gaps exist between the UOM curriculum, industry requirements and professional demands.	To equip the students with knowledge of industry trends, challenges and professional practices and standards.	Increases employability and professional acceptability.  Better professional career and placement.	Semester break and weekend (preferably Saturday).
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.

## Key Activities

Curricular	Scope	Schedule
1. Student Validation	To segregate the students as per academic performance and provides additional academic guidance and coaching accordingly.	July & January
2. Academic Orientation Program (AOP)	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	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	-	✓	✓	-	-	-	✓	✓	-	-	-	✓	-	-	✓	-	✓	✓	✓





Physics Laboratory



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. 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*	2008-09
Program offered	F.E. (First Year for all Branches)
Faculty strength	38
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

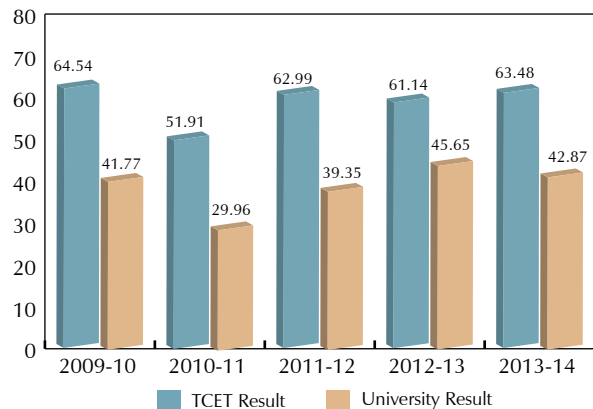
## Faculty Publication

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

## Topper's List

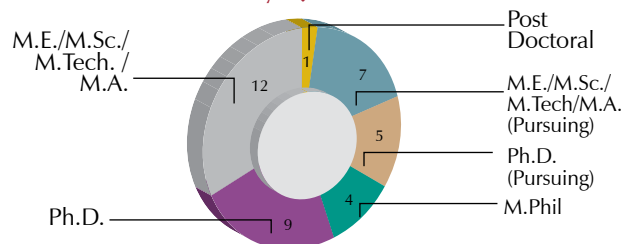
Name of the Student	%	Year
Mr. Bhupendra J. Upadhyay	81.81	May-2010
Ms. Priyanka Bhandari	79.88	May-2011
Mr. Suthar Kanhayalal	82.44	May-2012
Ms. Alisha P. Raul	9.78/10 (GPA)	May-2013
Ms. Sood Arshdeep Kaur	9.70/10 (GPA)	May-2014

## Result Highlights

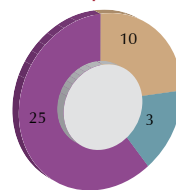


## Faculty Profile

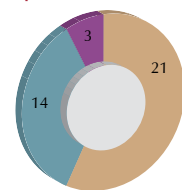
### Faculty Qualification



### Total Experience



### Experience in TCET



Subject orientation for the new faculty members by senior and experienced faculty members



General English Proficiency Training (GEPT) to enhance communication skills and bring about overall personality development



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	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)	23 years 4 months
2	Dr.Poonam Ojha (DOJ):19.06.10)	Deputy F.E. In-charge; Assistant Professor	Ph.D.(English & Literature); B.Ed.(English,History); M.A.(English); B.A.(Eng.,History)	15 years 7 months
3	Mukul Bhatt (DOJ):01.10.01)	Assistant Professor	M.Sc.(Maths); B.Sc.(Phy, Maths)	21 years 10 months
4	Nita Jain (DOJ):01.07.02)	Assistant Professor	Ph.D.-Pursuing; M.Phil.(Maths); M.Sc.(Maths); B.Sc.(Maths)	17 years 2 months
5	Krishnakant Mishra (DOJ):18.08.03)	Assistant Professor	Ph.D.-Pursuing; M.Tech.(Electronics Engg.); M.Sc.(Physics); B.Sc.(Physics)	11 years
6	Vivek Mishra (DOJ):27.04.04)	Assistant Professor	Ph.D.-Pursuing; M.Sc.(Maths); B.Sc.(Maths)	14 years 3 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
8	Yogesh Bhalekar (DOJ):01.08.06)	Assistant Professor	Ph.D.-Pursuing; M.Sc.(Maths); B.Sc.(Maths)	9 years 4 months
9	Sajjan Kumar Lal (DOJ):17.01.07)	Assistant Professor	M.E.(Mechanical Engg.) B.E.(Mechanical Engg.);	7 years 7 month
10	Dr. Vinita Gupta (DOJ):10.08.07)	Assistant Professor	Ph.D.(Maths); M.Sc.(Maths); B.Sc.(Phy.,Chem.,Maths.)	16 years 6 months
11	Shivaji Londhe (DOJ):05.03.08)	Assistant Professor	M.Phil.(English); M.A.(English); B.A.(Eng.,History;Administration)	10 years 2 months
12	Amol Dapkekar (DOJ):16.07.08)	Assistant Professor	M.Phil.(English); M.A.(English); B.Ed.;B.A.(Eng.,Soc.)	11 years 4 months
13	Dr. Balakrishna Sreeramulu Rongali (DOJ):08.08.08)	Assistant Professor	Ph.D.(Physics); B.Ed.; M.Sc.(Physics); B.Sc.(Physics)	8 years 6 months
14	Ashwin Pathak (DOJ):12.07.10)	Assistant Professor	M.E.(Mechanical Engg.)-Pursuing; B.E.(Mechanical Engg.);	4 years 4 months
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.);	23 years 7 months
16	Dr. Satishkumar Singh (DOJ):27.08.12)	Assistant Professor	Ph.D.(Maths); M.Sc.(Maths); B.Sc.(Maths)	11 years 4 months
17	Dr. Sandhya Maheshwari (DOJ):02.08.13)	Assistant Professor	Ph.D.(Maths); M.Phil(Maths); M.Sc.(Maths); B.Sc.(Maths,Physics, Chemistry)	11 years 6 months
18	Mary Margarat (DOJ):23.07.09)	Assistant Professor	M.E.(Computer Engg); B.Tech.(Computer Science & Engg.)	7 years 6 months
19	M. Dafni (DOJ):16.07.13)	Assistant Professor	M.E.(Mechatronics Engg.) B.E.(Electronics & comm. Engg.);	2 years



Sr. No.	Name of Faculty Members & Date of Joining (DOJ)	Designation	Qualification	Total Experience
20	Punam Vedpatak (DOJ:01.07.14)	Assistant Professor	M.E.(Electronics & Telecommunication Engg); B.E.(Electronics & Telecommunication Engg.)	4 years 4 months
21	Dr.Ela Agarkar (DOJ:11.07.14)	Assistant Professor	Ph.D.(Physics); M.Sc.(Physics); B.Sc.(Physics)	15 years 6 months
22	Dr.Rohit Singh Chauhan (DOJ:16.07.14)	Assistant Professor	Ph.D.(Chemistry); M.Sc.(Chemistry); B.Sc.(Chemistry)	7 years 10 months
23	Dr.Kiran Sanap (DOJ:29.09.14)	Assistant Professor	Ph.D.(Chemistry); M.Sc.(Chemistry); B.Sc.(Chemistry)	6 years 6 months
24	Lakshmi Ganesh (DOJ:07.07.12)	Pro-Term Lecturer	M.E.(Computer Engg.); PGDIP, Project Mgt.; B.E.(Computer Engg.)	8 years 9 months
25	Pandya Jalpaben Dalpatrai (DOJ:03.08.12)	Pro-Term Lecturer	M.E.(Electronics & Telecomm. Engg.)- Pursuing; B.E.(Electronics Engg.)	2 years 4 months
26	Modi Bhavik (DOJ:06.08.12)	Pro-Term Lecturer	M.E.(Mechanical Engg.)-Pursuing; B.E.(Mechanical Engg.)	2 year 9 months
27	Balaji Shinde (DOJ:07.01.13)	Pro-Term Lecturer	M.Phil.(English); M.A.(English); B.Ed.(English,History); B.A.(English, Political Sci.,Administration);	9 years 4 months
28	Mr. Sameer Katakdounde (DOJ:20.07.13)	Pro-Term Lecturer	M.E.(Mftg)-Pursuing; B.E.(Production)	2 years
29	Veena Gawde (DOJ:07.08.13)	Pro-Term Lecturer	M.E.(Electronics & Telecommunication Engg)-Pursuing; B.E.(Electronics & Telecommunication Engg.)	3 years 2 months
30	Abhay Bendekar (DOJ:01.07.14)	Pro-Term Lecturer	M.E.(MPE)-Pursuing; B.E.(Mechanical Engg.)	9 years 6 months
31	Shweta Jha (DOJ:01.07.14)	Pro-Term Lecturer	M.E. (Electronics and Communication Engg.) B.E(Biomedical and instrumentation )	3 years
32	Nitu Gupta (DOJ:15.07.14)	Pro-Term Lecturer	M.Sc.(Maths); B.Sc.(Phy.,Chem., Maths)	3 years
33	Atul Kumar Shukla (DOJ:05.01.15)	Pro-Term Lecturer	M.Sc.(Maths); M.A.(Maths); B.Sc.(PCM)	15 years
34	Gargi Gothe (DOJ:05.01.15)	Pro-Term Lecturer	M.A.(English); B.A.(English)	3 months
35	Pradeep S. Yadav (DOJ:09.01.15)	Pro-Term Lecturer	M.E.(Mechanical Engg.); B.E.(Mechanical Engg.)	2 years 6 months
36	Vimal Gosar (DOJ:12.01.15)	Pro-Term Lecturer	M.E.(Manufacturing Engg.); B.E.(Mechanical Engg.)	2 years 3 months
37	Priyanka Bambere (DOJ:02.09.14)	Teaching Assistant	M.E.(Electronics & Telecomm. Engg.)- Pursuing; B.E.(Electronics Engg.)	9 months
38	Devidas Kalwale (DOJ:14.03.03)	Librarian	M.Phil.; M.L.I.S.C.; B.L.I.S.C.	13 years 7 month
Experience 0 - 3 years = 10 3 - 5 years = 03 Above 5 years = 25		MAX Experience=23 years 7 months  MIN Experience =3 months	MEAN Experience =9 years MEDIAN Experience =9 years 2 months	
NOTE: Sinority is based on Cadre and Date of Joining (DOJ) DOR-Date of Redesignation				





Analog & Digital Communication Laboratory



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 batch 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. Department has applied for the re-accreditation in the month of June, 2014.

**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 establishment	2002-2003
Program offered	4 years B.E. (CMPN) & 2 years M.E. (CMPN)
Faculty strength	31
Department library	153 books + 146 project reports
No. of batches graduated	10
Success rate	76.16%
Professional chapter	CSI-TCET
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"> <li>• "Nimbuz-A ring of knowledge" Department's E-Magazine</li> <li>• Programme Resource book</li> <li>• Course resource book</li> </ul>

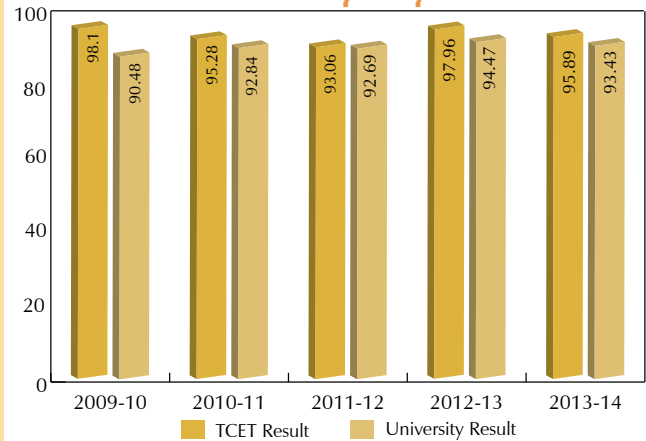
## Faculty Publication

Publications	Number of Faculty members	Number of Publications
ICWET + Multicon-W	17	90
International/National Journals	18	61
National Conferences	16	34
International Conferences	12	28
Book Publication	02	06
Module Publication	16	51

## Topper's List

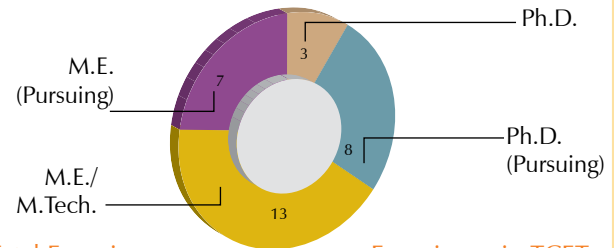
Name of the Student	%	Year
Ms. Shweta G. Kanchan	79.60	May 2010
Mr. Shashank A. Prasad (6 <sup>th</sup> rank in University)	82.53	May 2011
Ms. Kruti D. Dave	79.73	May 2012
Ms. Hemlata P. Bansal	78.73	May 2013
Mr. Darpesh Ruparelia (6 <sup>th</sup> Rank in University)	79.33	May 2014

## Result Highlights

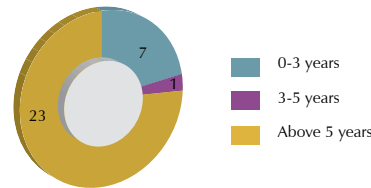


## Faculty Profile

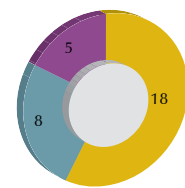
### Faculty Qualification



### Total Experience



### Experience in TCET



Hardware Laboratory



Database Laboratory



Electronic Hardware Laboratory



# FACULTY LIST

## Department of Computer Engineering

Sr. No.	Name of Faculty Members & Date of Joining (DOJ)	Designation	Qualification	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)	22 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)	15 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)	13 years 11 months
4	Shiwani Gupta (DOJ:15.12.07)	Incumbent Assistant Professor	M.Tech.(Computer Science & Engineering.); B.Tech.(Computer Science & Engineering.)	11 years 8 months
5	Sanjay Sharma (DOJ:05.04.03)	Assistant Professor	M.E.(Computer Science); MBA (Mktg. Mgt.); B.E.(Computer Engg.)	18 years
6	Niranjan Kulkarni (DOJ:01.12.04)	Assistant Professor	M.E.(Electronics with Computer Tech.); B.E.(Electronics & Telecomm. Engg.)	14 years
7	Harshali Patil (DOJ:18.07.05)	Assistant Professor	M.E.(Computer Engg.); B.E.(Computer Engg.)	12 years 6 months
8	Megharani Patil (DOJ:14.02.06)	Assistant Professor	Ph.D.-Pursuing; M.Tech. (Comp. Sci. & Tech.); B.E.(Computer Engg.)	11 years 3 months
9	Anand Khandare (DOJ:20.03.06)	Assistant Professor	Ph.D.-Pursuing; M.E.(Computer Engg.); B.E.(Computer Engg)	9 years 7 month
10	Rashmi Thakur (DOJ:12.05.06)	Assistant Professor	Ph.D.-Pursuing; M.E.(Computer Engg.); B.E.(Computer Engg.)	14 years 10 months
11	Sheetal Rathi (DOJ:15.01.07)	M.E.Coordinator; Assistant Professor	Ph.D.(Thesis submitted); M.E.(Computer Engg.); B.E.(Computer Engg.)	12 years 3 months
12	Vaishali Nirgude (DOJ:23.08.07)	Assistant Professor	M.E.(Computer Engg.); B.E.(Computer Engg.)	10 years 6 months
13	Vikas Singh (DOJ:27.08.07)	Assistant Professor	M.E.(Computer Engg.); B.E.(Information Technology)	7 years 9 months
14	Manish Rana (DOJ:29.05.08)	Assistant Professor	M.E. (Computer Engg.); B.Tech.(Computer Sci. & Engg.)	8 years 5 months
15	Dr.Ravindra Patil (DOJ:01.08.08)	Assistant Professor	Ph.D.(Engineering); M.E.(Electronics & Telecommunication Engg.); B.E.(Electronics Engg.)	5 years 11 months



Sr. No.	Name of Faculty Members & Date of Joining (DOJ)	Designation	Qualification	Total Experience
16	Vidyadhari R. Singh (DOJ:01.07.09)	Assistant Professor	Ph.D.-Pursuing; M.Tech.(Computer Engg.); B.E.(Information Technology)	6 years 8 months
17	Prachi Janrao (DOJ:03.03.10)	Assistant Professor	Ph.D.-Pursuing; M.E.(Computer Sci.); B.E.(Information Technology)	10 years 2 months
18	Lydia Suganya (DOJ:01.07.10)	Assistant Professor	M.E.(Computer Sci.); B.E.(Computer Sci.)	6 years
19	Veena Kulkarni (DOJ:01.07.11)	Assistant Professor	M.E.(Computer Engg.); B.E.(Computer Engg.)	10 years 11 months
20	Ruta Pathak (DOJ:30.07.11)	Assistant Professor	M.Tech.(Computer Engg.); B.E.(Computer Engg.)	9 years 9 months
21	Harshala Yadav (DOJ:02.01.12)	Assistant Professor	M.E.(Computer Engg.); B.E.(Information Technology)	5 years 6 months
22	Varolia Jesalkumari S. (DOJ:17.07.14)	Assistant Professor	M.Tech.(Computer Engg.); B.E.(Computer Engg.)	5 years 2 months
23	Bidisa Acharjee (DOJ:21.07.14)	Assistant Professor	M.Tech. (Computer Science & Engg.); B.E.(Computer Science & Engg.)	2 years 9 months
24	Shruti Mathur (DOJ:28.07.14)	Assistant Professor	M.Tech.(Computer Science)-Pursuing; B.E.(Information Technology)	1 year 6 months
25	Shobha Tyagi (DOJ:12.01.15)	Assistant Professor	Ph.D.-Pursuing; M.Tech.(Computer Science & Engg.); B.E.(Computer Engg.)	9 years 4 months
26	Ashwini Patil (DOJ:15.07.14)	Pro-Term Lecturer	M.E. (Computer Engg.)-Pursuing; B.E.(Computer Science & Engg.)	5 years
27	Radhika Desai (DOJ:12.01.15)	Pro-Term Lecturer	M.E.(Computer Engg.)-Pursuing; B.E.(Computer Engg.)	4 months
28	Apeksha Waghmare (DOJ:12.01.15)	Pro-Term Lecturer	M.E. (Information Technology)-Pursuing; B.E.(Information Technology)	3 years
29	Priyanka Sharma (DOJ:22.01.15)	Pro-Term Lecturer	M.E. (Information Technology)-Pursuing; B.E.(Information Technology)	4 months
30	Deepti Chavan (DOJ:15.07.14)	Teaching Assistant	M.E. (Computer Engg.)-Pursuing; B.E.(Information Technology)	9 months
31	Sanket Thakare (DOJ:14.10.14)	Teaching Assistant	M.E. (Computer Engg.)-Pursuing; B.E.(Computer Science & Engg.)	6 months
Experience 0 - 3 years = 7 3 - 5 years = 1 Above 5 years = 23		MAX Experience = 22 years MIN Experience = 4 months		MEAN Experience=8 years 5 months MEDIAN Experience = 9 years 4 months
NOTE: Seniority is based on Cadre and Date of Joining (DOJ) DOR-Date of Redesignation				





Classroom



**H**ead 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. Department has applied for the re-accreditation in the month of June, 2014.

**Dr. Vinitkumar J. 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 telecommunication 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 lifelong 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 establishment	2002-2003
Program offered	4 years B.E. (EXTC) 2 years M.E. (EXTC), Ph.D.
Faculty strength	32
Department library	605 books + 431 project reports
No. of batches graduated	10
Success rate	80.56%
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"> <li>• "Teletronics-Technology works wonders" Department's E-Magazine</li> <li>• Programme Resource book</li> <li>• Course resource book</li> </ul>

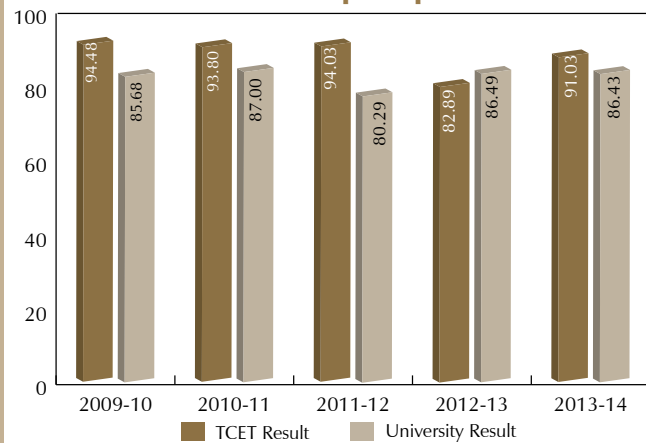
## Faculty Publication

Publications	Number of Faculty members	Number of Publications
ICWET+Multicon-W	22	74
International/National Journals	18	73
National Conferences	11	14
International Conferences	16	32
Book Publication	02	32
Module Publication	18	65

## Topper's List

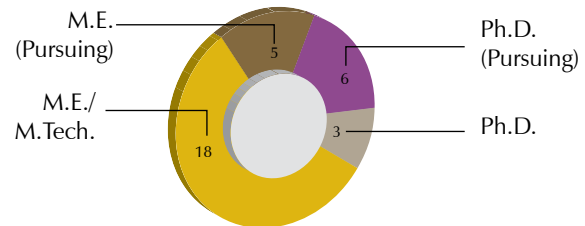
Name of the Student	%	Year
Mr. Ashish R. Singh (6th Rank in University)	79.79	May-2010
Mr. Mukesh M. Singh	77.48	May-2011
Ms. Sushmita Bandopadhyay	79.23	May-2012
Mr. Siddharth S. Saxena	77.29	May-2013
Mr. Abhilashkumar R. Jha	76.97	May-2014

## Result Highlights

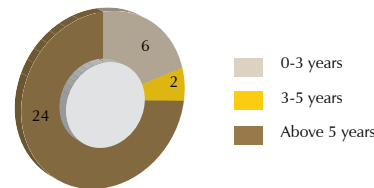


## Faculty Profile

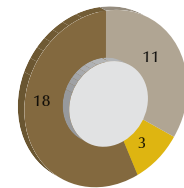
### Faculty Qualification



### Total Experience



### Experience in TCET



Digital Electronics Laboratory



Departmental Library



Microwave Device Laboratory



# FACULTY LIST

## Department of Electronics & Telecommunication Engineering

Sr. No.	Name of Faculty Members & Date of Joining (DOJ)	Designation	Qualification	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)	27 years
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.)	16 years 8 months
3	Dr.Vinitkumar Dongre (DOJ:09.06.10)	HOD (EXTC); M.E. Coordinator; Associate Professor	Ph.D.(Engineering); M.Tech.(Electronics & Telecomm. Engg.); B.E.(Industrial Electronics Engg.)	16 years 2 months
4	Sanjeev Ghosh (DOJ:23.09.02)	Deputy HOD (EXTC); Incumbent Ast.Professor	Ph.D.-Pursuing; M.E.(Electronics Engg.); B.E.(Electronics & Telecomm. Engg.);	12 years 5 months
5	Madhuri Mavinkurve (DOJ:17.04.06)	Associate Professor	Ph.D.-Pursuing; M.E.(Electronics Engg.); B.E.(Electronics & Telecomm. Engg.)	25 years 9 months
6	B. A. Chidre (DOJ:08.02.11)	Associate Professor (HON.)	M.E.(Electrical Engg.); B.E.(Electrical Engg.)	43years
7	Payel Saha (DOJ:11.11.03)	Incumbent Assistant Professor	Ph.D.-Pursuing; M.E.(Microprocessor system & application); B.E.(Electronics & Telecomm. Engg.);	12 years
8	Aradhana Manekar (DOJ:02.07.04)	Incumbent Assistant Professor	M.E.(Electronics Engg.); B.E.(Electronics & Telecomm. Engg.);	13 years 2 months
9	Sujata Kulkarni (DOJ:17.07.08)	Incumbent Assistant Professor	Ph.D.-Pursuing; M.E.(Electronics Engg.); B.E.(Electronics Engg.)	13 years
10	Kalawati Patil (DOJ:01.07.05)	Assistant Professor	Ph.D.-Pursuing; M.E.(Electronics & Telecomm. Engg.); B.E.(Electronics & Telecomm. Engg.)	14 years 11 months
11	Shailendra Shastri (DOJ:07.07.05)	Assistant Professor	M.E.(Electronics & Telecomm. Engg.); B.E.(Electronics & Telecomm. Engg.)	13 years 5 months
12	Manoj Chavan (DOJ:11.07.05)	Assistant Professor	M.E.(Electronics & Telecomm. Engg.); B.E.(Electronics & Telecomm. Engg.)	13 years 5 months
13	Sonia Behra (DOJ:17.01.06)	Assistant Professor	M.E.(Electronics & Telecomm. Engg.); B.E.(Electronics & Telecomm. Engg.)	12 years
14	Archana Deshpande (DOJ:01.08.06)	Assistant Professor	M.E.(Electronics & Telecomm. Engg.); B.E.(Electrical Engg.)	17 years 4 months
15	Sangeeta Mishra (DOJ:26.11.07)	Assistant Professor	Ph.D.(Thesis submitted); M.E.(Electronics & Telecomm. Engg.); B.Sc.Tech. (Electronics Engg.)	9 years 11 months
16	Sukruti Kaulgud (DOJ:16.07.08)	Assistant Professor	M.E.(Electronics & Telecomm. Engg.); B.E.(Electronics & Telecomm. Engg.)	9 years 8 months



Sr. No.	Name of Faculty Members & Date of Joining (DOJ)	Designation	Qualification	Total Experience
17	Deepak Shete (DOJ):16.07.08)	Assistant Professor	M.E.(Electronics & Telecomm. Engg.); B.E.(Electronics & Telecomm. Engg.)	11 years 11 months
18	Anvita Birje (DOJ):23.06.09)	Assistant Professor	M.E.(Electronics & Telecomm. Engg.); B.E.(Electronics & Telecomm. Engg.)	9 years 4 months
19	Megha Gupta (DOJ):12.08.09)	Assistant Professor	M.E.(Electronics & Telecomm.Engg.); B.E.(Electrical & Electronics Engg.)	8 years
20	Rupali Mane (DOJ):06.08.10)	Assistant Professor	M.E.(Electronics & Telecomm. Engg.); B.E.(Electronics Engg.)	12 years 3 months
21	Rashmita Kumari Mohapatra (DOJ):01.07.11)	Assistant Professor	M.Tech.(Electronics & Telecomm. Engg.); B.E.(Electronics & Communication Engg.)	9 years
22	Rutvi Panchal (DOJ):18.09.12)	Assistant Professor	M.E.(Electronics & Telecomm. Engg.); B.E.(Electronics & Telecomm. Engg.)	3 years 9 months
23	Vrushali Bendre (DOJ):15.07.14)	Assistant Professor	M.E.(Electronics Engg.); B.E.(Electronics Engg.)	7 years 6 months
24	Sonali Tavlare (DOJ):15.07.14)	Assistant Professor	M.E.(Digital Electronics Engg.); B.E.(Electronics & Telecomm. Engg.)	6 years 3 months
25	Suranjika Sahu (DOJ):15.07.14)	Assistant Professor	M.Tech.(Instrumentation); B.Tech.(Instrumentation)	2 years 6 months
26	Pradeep L. Yadav (DOJ):17.01.15)	Assistant Professor	M.E.(Electronics & Telecomm. Engg.); B.E.(Electronics & Telecomm. Engg.)	4 years
27	Devashree Patil (DOJ):23.02.15)	Assistant Professor	M.E.(Electronics & Telecomm. Engg.); B.E.(Electronics & Telecomm. Engg.)	7 years
28	Jaiswal Shilpa (DOJ):23.08.12)	Teaching Assistant	M.E.(Electronics & Telecomm. Engg.)-Pursuing; B.E.(Electronics & Telecomm. Engg.)	2 year 11 months
29	Ankita Chakor (DOJ):02.09.14)	Teaching Assistant	M.E.(Electronics & Telecomm. Engg.)-Pursuing; B.E.(Electronics & Telecomm. Engg.)	7 months
30	Sneha Rodrigues (DOJ):02.09.14)	Teaching Assistant	M.E.(Electronics & Telecomm. Engg.)-Pursuing; B.E.(Electronics & Telecomm. Engg.)	7 months
31	Deepak Kumar Sinha (DOJ):02.09.14)	Teaching Assistant	M.E.(Electronics & Telecomm. Engg.)-Pursuing; B.Tech.(Electronics & Communication Engg.)	7 months
32	Vivek D. Mishra (DOJ):08.01.15)	Teaching Assistant	M.E.(Electronics & Telecomm. Engg.)-Pursuing; B.E.(Biomedical Engg.)	3 months
Experience 0 - 3 years = 6 3 - 5 years = 2 Above 5 years = 24		MAX Experience = 43 years MIN Experience = 3 months	MEAN Experience = 11 years 4 months MEDIAN Experience = 10 years 5 months	
NOTE: Seniority is based on Cadre and Date of Joining (DOJ) DOR-Date of Redesignation				





IT Hardware Laboratory



**D**epartment 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, therefore applied for re-accreditation in the month of June 2014.

**Dr. Vinayak Ashok 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 users 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, and 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:** Analogy & Digital Circuits, Principles of Analog & digital communication, Data base Management Systems, Object Oriented Programming Methodology, Data Structure 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 establishment	2002-2003
Program offered	4 years B.E. (IT) & 2 years M.E. (IT)
Faculty strength	29
Department library	500+ books 150 project reports
No. of batches graduated	10
Success rate	72.15%
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
Publication	<ul style="list-style-type: none"> <li>• "Ezine" Department's E-Magazine</li> <li>• Programme Resource book</li> <li>• Course resource book</li> </ul>

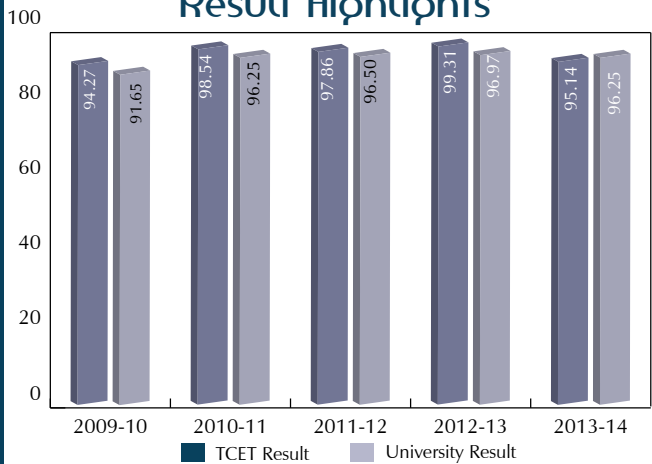
## Faculty Publication

Publications	Number of Faculty members	Number of Publications
ICWET + Multicon-W	25	88
International/National Journals	23	50+
National Conferences/ International Conferences	27	90
Book Publication	05	15
Module Publication	27	106

## Topper's List

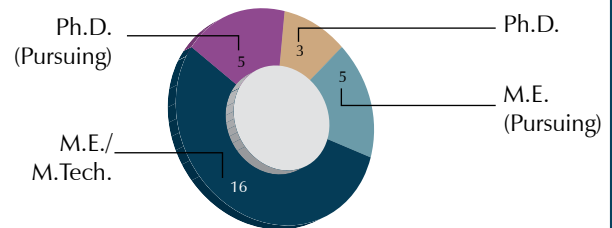
Name of the Student	%	Year
Ms. Shreya Khandelwal (2 <sup>nd</sup> rank in University)	81.93	May 2010
Ms. Abhinaya B. Shetty (3 <sup>rd</sup> rank in University)	80.93	May 2011
Mr. Ratnesh R. Singh	79.60	May 2012
Ms. Hemali J. Patel	78.73	May 2013
Ms. Priyanka B. Bhandari	78.40	May-2014

## Result Highlights

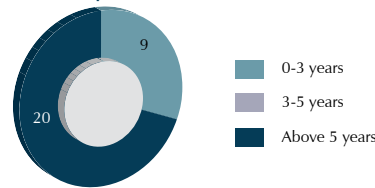


## Faculty Profile

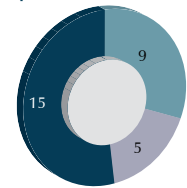
### Faculty Qualification



### Total Experience



### Experience in TCET



E-Communication Engineering  
Experimentation



Artificial Intelligence Programming



Digital Communication Experimentation



# FACULTY LIST

## Department of Information Technology

Sr. No.	Name of Faculty Members & Date of Joining (DOJ)	Designation	Qualification	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)	16 years
2	Dr. Vinayak Bharadi (DOJ:27.11.07)	HOD (IT); Associate Professor	Ph.D.(Engineering.); M.E.(Electronics & Telecommunication Engg.); B.E.(Electronics Engineering);	12 years 10 months
3	Vikas Kaul (DOJ:25.07.08)	Deputy HOD (IT); Incumbent Assistant Professor	Ph.D.-Pursuing; M.E.(Computer Sci.) B.E.(Electronics Engg.);	14 years 5 months
4	Rajesh Bansode (DOR:01.10.14)	MR; Associate Professor	Ph.D.(Thesis Submitted); M.Tech.(Laser science & appln.); B.Tech.(Electronics & Comm. Engg.)	14 years 9 months
5	Zahir Aalam M.M. (DOR:01.10.14)	T & P Officer; Associate Professor;	Ph.D.-Pursuing; M.Tech.(Electronics & Telecomm. Engg.); B.E.(Electronics Engg.)	12 years
6	Dr.Bijith Marakarkandy (DOR:01.10.14)	M.E. Coordinator; Associate Professor;	Ph.D.(Management) M.Tech.(IT); B.E.(Instrumentation);	17 years 9 months
7	Namdeo B. Badhe (DOJ:28.01.05)	Assistant Professor	M.E.(Computer Engg.); B.E.(Computer Sci. & Engg.)	10 years
8	Vandana Munde (DOJ:03.02.05)	Assistant Professor	M.E.(Computer Tech.); B.E.(Computer Tech.)	14 years
9	Pranjali Kasture (DOJ:16.08.05)	Assistant Professor	M.E.(Computer Engg.); B.E.(Computer Engg.)	12 years 4 months
10	Anil K. Vasoya (DOJ:15.07.06)	Assistant Professor	M.E.(Computer Engg.); B.E.(Information Technology)	10 years
11	Sangeeta Vhatkar (DOJ:18.07.06)	Assistant Professor	Ph.D.-Pursuing M.Tech.(Computer Engg.); B.E.(Information Technology);	10 years
12	Vijaykumar Yele (DOJ:24.07.07)	Assistant Professor; Exam Coordinator	M.E.(Electronics & Telecomm. Engg.); B.E.(Electronics & Telecomm. Engg.);	11 years 10 months
13	Bhushan Nemade (DOJ:15.07.08)	Assistant Professor	M.E.(Computer Engg.); B.E.(Information Technology)	9 years
14	Aaditya A. Desai (DOJ:13.04.09)	Assistant Professor	Ph.D.-Pursuing M.E.(Information Technology); MBA(Management); B.E.(Information Technology);	7 years 1 months



Sr. No.	Name of Faculty Members & Date of Joining (DOJ)	Designation	Qualification	Total Experience
15	Hetal Amrutia (DOJ:04.06.10)	Assistant Professor	M.E.(Computer Engg.); B.E.(Information Technology)	7 years 6 months
16	Purvi Sankhe (DOJ:07.07.10)	Assistant Professor	M.E.(Computer Engg.); B.E.(Computer Engg.)	10 years 2 months
17	Sinora Ghosalkar (DOJ:08.07.10)	Assistant Professor	M.E.(Electronics & Telecomm. Engg.); B.E.(Electronics & Telecomm. Engg.)	6 years
18	Neha Kapadia (DOJ:01.07.11)	Assistant Professor	M.E.(Computer Engg.); B.E.(Information Technology)	7 years
19	Rahul Neve (DOJ:01.07.11)	Assistant Professor	M.E.(Computer Sci. & Engg.); B.E.(Information Technology)	9 years 6 months
20	Ratna Nayak (DOJ:15.07.14)	Assistant Professor	M.Tech.(Computer Sci. & Engg.); B.E.(Computer Sci. & Engg.)	6 years
21	Fiona Lawrence (DOJ:16.07.14)	Assistant Professor	M.E.(Computer Engg.); B.E.(Computer Engg.)	3 years
22	Nivedita Bhirud (DOJ:06.08.14)	Assistant Professor	M.E.(Computer Engg.); B.E.(Computer Engg.)	3 years
23	Jyoti G. Golakia (DOJ:19.01.15)	Assistant Professor	M.E.(Computer Sci. & Engg.); B.E.(Computer Engg.)	1 year 5 months
24	Shridhar Kamble (DOJ:17.01.13)	Pro-Term Lecturer	M.E.(Information Tech.); B.E.(Computer Engg.);	2 years
25	Smita Chaturvedi (DOJ:22.07.13)	Pro-Term Lecturer	M.E.(Computer Engg.)-Pursuing; B.E.(Computer Engg.);	2 years
26	Godson Dsilva (DOJ:15.01.14)	Pro-Term Lecturer	M.E.(Computer Engg.)-Pursuing; B.E.(Information Technology)	3 years
27	Kaustubh Joshi (DOJ:15.01.14)	Pro-Term Lecturer	M.E.(Computer Engg.)-Pursuing; B.Tech.(Computer Sci. & Engg.)	1 year 6 months
28	Parth Patel (DOJ:25.09.14)	Teaching Assistant (Website Maintenance)	M.E.(Information Tech.)-Pursuing; B.E.(Computer Engg.);	1 year 8 months
29	Hemang Shah (DOJ:01.10.14)	Teaching Assistant (Network Engineer)	M.E.(Information Tech.)-Pursuing; B.E.(Information Tech.);	1 year 8 months
Experience 0 - 3 years = 9 3 - 5 years = 0 Above 5 years = 20		MAX Experience = 17 years 9 years  MIN Experience = 1 year 5 months	MEAN Experience = 8 years  MEDIAN Experience = 9 years	
NOTE: Seniority is based on Cadre and Date of Joining (DOJ) DOR-Date of Redesignation				





**E**lectronics 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. Application for Accreditation to National Board of Accreditation (NBA) has been made in June 2014.

**Mrs. Poorva Waingankar**, 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 and 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 and Applied Mathematics IV) , Fundamentals of Communication Engineering (FCE), Digital Circuits and Design (DCD), Business Communication and Ethics etc.

**Core Engineering:** Signals & Systems (SS), Electromagnetic Engineering (EME) , Design with Linear Integrated Circuits (DLIC), Digital Communication (DC), Mini Project I and Mini Project II, , Microcontrollers and Applications (MCA), Basic VLSI design etc.

**Advanced Engineering:** Computer Organization (CO), Advanced Instrumentation Systems (AIS), Digital Signal Processing and 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 establishment	2009-2010
Program offered	4 years B.E. (ETRX)
Faculty strength	13
No. of batches graduated	03
Success rate	79.73%
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"> <li>• "Teletronics-Technology works wonders" Department's E-Magazine</li> <li>• Programme Resource book</li> <li>• Course resource book</li> </ul>

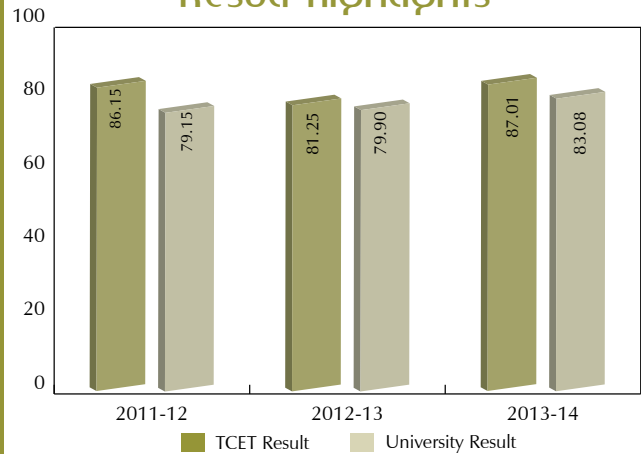
## Faculty Publication

Publications	Number of Faculty members	Number of Publications
ICWET+Multicon-W	12	17
International/National Journals	05	08
National Conferences	06	17
International Conferences	06	23
Book Publication	01	01
Modules Publications	13	20

## Topper's List

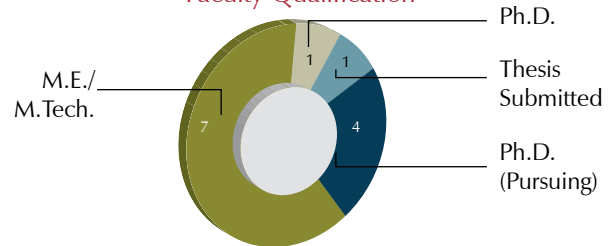
Name of the Student	%	Year
Mr. Davda Pradeep V.	80.32	May-2012
Mr. Amit S. Dubey	78.32	May 2013
Mr. Tanmay P. Padgaonkar	78.32	May 2013
Ms. Pooja R Vaid	75.48	May 2014

## Result Highlights

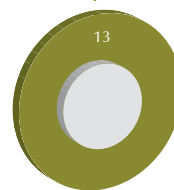


## Faculty Profile

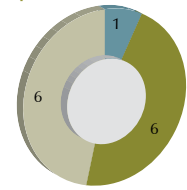
### Faculty Qualification



### Total Experience



### Experience in TCET



Discrete Integrated Circuit Laboratory



Soujourn 2014-15- ETRX students performing group dance



# FACULTY LIST

## Department of Electronics Engineering (ETRX)

Sr. No.	Name of Faculty Members & Date of Joining (DOJ)	Designation	Qualification	Total Experience
1	Poorva G. Waingankar (DOJ:15.09.08)	HOD (Electronics); Associate Professor	Ph.D.-Pursuing; M.Tech. (Microelectronics); B.E.(Electronics Engg.)	26 years
2	Sandhya Save (DOR:01.10.14)	Deputy HOD (ETRX); Associate Professor	Ph.D.(Thesis submitted); M.Tech.(Electronics Engg.); B.E.(Electronics Engg.)	15 years 6 months
3	Dr.Sanjay C. Patil (DOJ:08.07.13)	Associate Professor	Ph.D.(Engineering); M.Tech.(Electronics Engg.); B.E.(Electronics Engg.)	20 years 6 months
4	Hemant Kasturiwale (DOR:01.10.14)	In-charge Examination; Associate Professor	Ph.D.-Pursuing; M.E.(Electronics Engg.); B.E.(Electrical Engg.)	19 years 6 months
5	Jyoti Kori (DOJ:01.07.05)	Incumbent Associate Professor	M.E.(Electronics & Telecomm. Engg.); B.E.(Electronics Engg.);	14 years 9 months
6	Sujata Dubal (DOJ:27.11.07)	Assistant Professor	Ph.D.-Pursuing; M.E.(Electronics & Telecomm. Engg.); B.E.(Electronics & Telecomm. Engg.)	8 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
8	Sonal Barvey (DOJ:10.08.09)	Assistant Professor	M.E.(Electronics & Telecomm. Engg.); B.E.(Electrical Engg.);	8 years 3 months
9	Vaibhav Gijare (DOJ:13.07.10)	Assistant Professor	M.E.(Electronics & Telecomm. Engg.); MBA (Education Management); B.E.(Electronics Engg.);	12 years 5 months
10	Amrita Sengupta (DOJ:06.08.10)	Assistant Professor	M.E.(Electronics & Telecomm. Engg.); B.E.(Electronics Engg.);	6 years 6 months
11	Yashu Cotia (DOJ:09.03.11)	Assistant Professor	M.Tech.(VLSI Design); B.E.(Electronics & Comm. Engg.);	6 years 10 months
12	Leena Chakraborty (DOJ:04.07.11)	Assistant Professor	M.Tech.(Electronics Engg.); B.E.(Instrumentation);	9 years 2 months



Sr. No.	Name of Faculty Members & Date of Joining (DOJ)	Designation	Qualification	Total Experience
13	Smitha Prabhu (DOJ):15.07.11)	Assistant Professor	M.Tech.(VLSI Design & Embedded System); B.E.(Electrical & Electronics Engg.);	12 years 11 months
Experience 0 - 3 years = 0 3 - 5 years = 0 Above 5 years = 13		MAX Experience =26 years MIN Experience =6 years 6 months	MEAN Experience =13 years 4 months MEDIAN experience 0= 12 years 3 months	
NOTE: Sinority is based on Cadre and Date of Joining(DOJ) DOR-Date of Redesignation				

## GLIMPSES OF MULTICON W -2015 (ICWET)





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 focussing 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 reaching final year (4<sup>th</sup> year) in the current 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 become a department of eminence in the field of Mechanical Engineering.

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

## Programme Educational Objectives

- PEO1. To prepare learners with sound foundation in mathematical, scientific and engineering fundamentals.
- PEO2. To prepare learners to use modern tools effectively in order to solve real life problems.
- PEO3. To prepare learners for a successful career in Indian and multinational organizations and also excel in postgraduate studies.
- PEO4. To encourage and motivate learners in the art of self-learning.
- PEO 5. To inculcate professional and ethical attitude, good leadership qualities and commitment to social responsibilities in the learners thought process.
- PEO 6. To encourage students to identify and bridge the gaps between the curriculum and industry requirements.

## Programme Outcomes

- PO1. Ability to apply knowledge of mathematics, science & engineering.
- PO2. Ability to design and conduct experiments, as well as to analyze and interpret data.
- PO3. Ability to use techniques, skills, modern engineering and computer tools necessary for engineering practice.
- PO4. Ability to design a system, component, or process to meet desired needs within realistic constraints such as economic, environmental, social, political, ethical, health and safety, manufacturability and sustainability.
- PO5. Ability to understand the impact of engineering solutions in a global, economic, environmental, and societal context.
- PO6. Ability to identify real life problems in order to formulate and find solutions.
- PO7. Ability to function in multi-disciplinary teams and apply interpersonal skills in engineering contexts.
- PO8. Ability to understand professional and ethical responsibilities.
- PO9. Ability to communicate effectively with all stakeholders.
- PO10. Ability to recognize the need for, and an ability to engage in life-long learning.



## Major Subjects

**Basic Engineering :** Engineering Mechanics, Engineering/ Machine Drawing, Thermodynamics, Strength of Materials, Industrial Electronics etc.

**Core Engineering:** Machine Design, Theory of Machines, Mechanical Vibrations, Mechanical Measurements and Metrology, Dynamics of Machines, Heat & Mass Transfer, Fluid Mechanics, Production Process, Material Technology, Manufacturing Planning and Control etc.

**Advanced Engineering:** Digital Signal & Image Processing, Cloud Computing, Software Project Management, Information Storage Management and disaster Recovery, Data Warehousing Mining and Business Intelligence, Simulation & Modeling etc.

**Application Engineering courses:** Power Plant Engineering, Cryogenetic Engineering, Industrial Robotics, Piping Engineering, Automobile Engineering Non Conventional Energy Sources, etc.

## Highlights

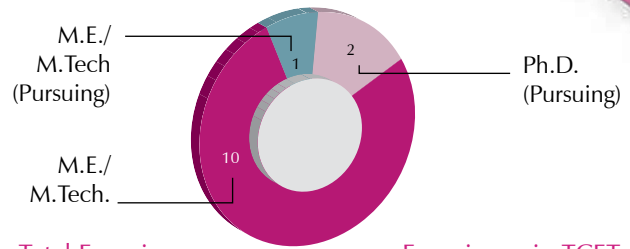
Year of establishment	2012-13
Program offered	Mechanical Engineering
Faculty strength	13
Professional chapter	ASME
Student membership	ASME, ISTE, NSS
Number of labs	13
Number of class rooms	04
Common facilities	Seminar Hall-02
Publication	<ul style="list-style-type: none"> <li>• Programme Resource Book</li> <li>• Course Resource Book</li> </ul>

## Faculty Publication

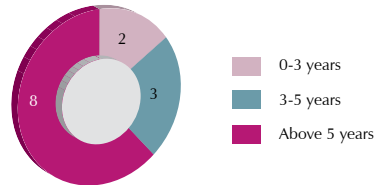
Publications	Number of Faculty members	Number of Publications
ICWET+Multicon-W	04	02
International/National Journals	01	02
National /International Conferences	06	12
Modules Publications	09	06

## Faculty Profile

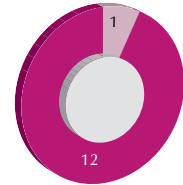
### Faculty Qualification



### Total Experience



### Experience in TCET



## THAKUR-TATA TECHNOLOGIES CENTRE OF EXCELLENCE

Thakur-Tata Technologies Centre of Excellence is established to propagate emerging technologies and train manpower in the fields of CAD/CAM/CAE and PLM

### UPCOMING EVENTS

Certificate Courses at Thakur-TATA Technology (Center of Excellence) commencing from 15<sup>th</sup> June 2015.



Strength of Material Laboratory



Metrology and Quality Engineering Laboratory



Theory of Machine Laboratory



Mechanical Vibration Laboratory



# FACULTY LIST

## Department of Mechanical Engineering (MECH.)

Sr. No.	Name of Faculty Members & Date of Joining (DOJ)	Designation	Qualification	Total Experience
1	Jayant Patil (DOJ:14.01.13)	In-charge HOD (Mechanical); Asst. Professor	Ph.D.-Pursuing; M.E.(Production Engg.); B.E.(Mechanical Engg.);	19 years 6 months
2	Rajeshwar Deshmukh (DOJ:06.07.13)	Deputy HOD (Mechanical); Assistant Professor	Ph.D.-Pursuing; M.E.(Mechanical Engg); B.E.(Production Engg.);	22 years
3	Rajesh Behra (DOJ:13.02.07)	Assistant Professor	M.E.(Mechanical with CAD/CAM & Robotics); B.E.(Mechanical Engg.);	17 years
4	Nikita Gawai (DOJ:18.06.13)	Assistant Professor	M.Tech.(Mechanical Engg. Design); B.E.(Mechanical Engg.)	5 years
5	Krishna Gaiwad (DOJ:18.06.13)	Assistant Professor	M.Tech.(Mechanical-CAD/ CAM); B.E.(Mechanical Engg.)	2 years 5 months
6	Jitendra Thombre (DOJ:02.08.13)	Assistant Professor	M.Tech.(Mechanical-Heat & Power); B.E.(Mechanical Engg.)	22 years
7	Rupesh Deshbhrtar (DOJ:02.08.13)	Assistant Professor	M.Tech.(Heat Power); B.E.(Mechanical Engg.)	5 years
8	Jaisinghani Rajeshwari S. (DOJ:06.08.13)	Assistant Professor	M.E.(Mechanical Engg); B.E.(Production Engg.);	7 years
9	Neha Chauhan (DOJ:28.07.14)	Assistant Professor	M.Tech.(Mechanical-CAD/ CAM); B.E.(Mechanical Engg.)	5 years 6 months
10	Ashwani Sharma (DOJ:16.07.14)	Assistant Professor	M.Tech.(Machine Design); B.E.(Mechanical Engg.);	5 years 6 months
11	Swetha Kulkarni (DOJ:30.07.14)	Assistant Professor	M.Tech (Machine Design); B.E. (Production Engg.)	4 years 6 months
12	Jitendra Chavan (DOJ:18.07.14)	Pro-Term Lecturer	M.Tech (Production Engg)- Pursuing; B.E. (Production Engg.)	1 year 6 months
13	Anil Bisaria (DOJ:01.08.14)	I/c. Workshop Superintendent	B.Tech.(Hons.); B.Sc.(Phy.,Chem.,Maths)	46 years
Since the students will be reaching to fourth year in the current academic year 2015-16, 11 more faculty members will be added in the department.				
Experience 0 - 3 years = 2 3 - 5 years = 3 Above 5 years = 8		MAX Experience = 46 years MIN Experience = 1 year 6 months	MEAN Experience = 12 years MEDIAN Experience = 5 years 6 months	
NOTE: Seniority is based on Cadre and Date of Joining (DOJ) DOR-Date of Redesignation				



# 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





Fluid Mechanics Laboratory



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 batch will reach to second year in the current A.Y. 2015-16 and therefore department of civil engineering is established in the current Academic year. 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.

**Ms. Seema A. 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

- |  |   |
|--|---|
| <p>PEO1 To prepare learners with a sound foundation in the mathematical, scientific and engineering fundamentals</p> <p>PEO2 To prepare learners to use modern tools effectively to solve real life problems</p> <p>PEO3 To prepare learners for successful career in Indian and multinational organizations, and to excel in postgraduate studies</p> | <p>PEO4 To encourage and motivate learners for self-learning</p> <p>PEO5 To inculcate professional and ethical attitude, good leadership qualities and commitment to social responsibilities in the learners</p> <p>PEO6 To prepare students by bridging the gaps between the curriculum and industries requirement</p> |
|--|---|



## 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

## Highlights

Year of establishment	2015-2016
Program offered	Civil Engineering
Number of labs	10 (Proposed)
Number of class rooms	06 (Proposed)
Common facilities	Seminar Hall-02



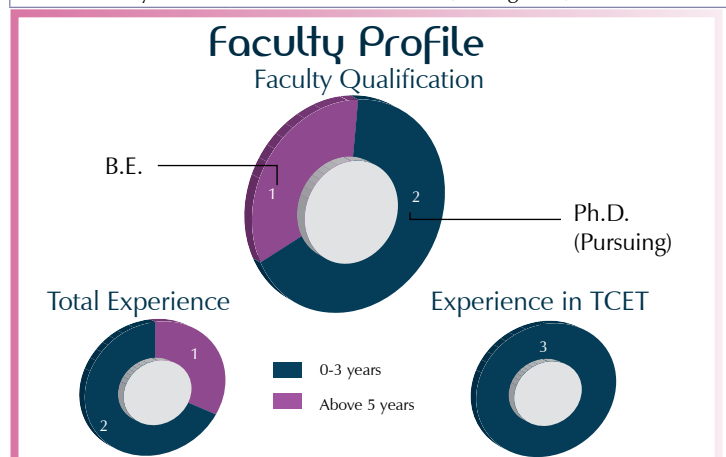
Applied Hydraulics Laboratory



Laboratory Instructional Area

Sr.	Name of Faculty Member and Date of Joining (DOJ)	Designation	Qualification	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.)	15 years
2.	Nagesh L. Shelke (DOJ:15.5.15)	Assistant Professor	Ph.D.-Pursuing; M.E.(Civil with Structural Engg.); B.E.(Civil Engg.)	18 years
3	Khushbu Kareliya (DOJ:01.07.14)	Pro-Term Lecturer	B.E.(Civil Engg.)	1 year 8 months
Experience 0 - 3 years = 1 3 - 5 years = 0 Above 5 years = 2		MAX experience = 18 years MIN Experience = 1 year 8 months	MEAN experience = 12 years MEDIAN experience = 15 years	

NOTE: Seniority is based on Cadre and Date of Joining (DOJ)



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





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

The P. G. department is headed by the Principal Dr. B. K. Mishra and is committed towards providing the students not only quality education, training and research opportunities but also an enriching experience that lasts a lifetime. He 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.

### Best Practises

- 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 (EXTC) of University of Mumbai

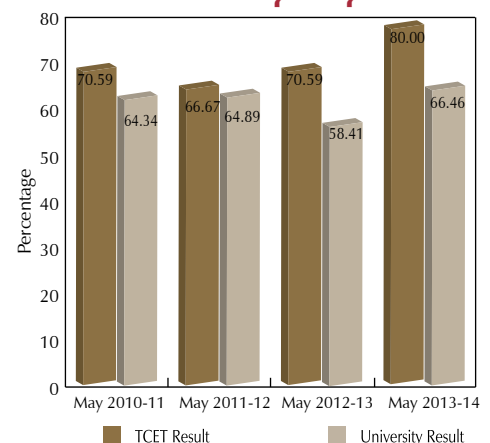
### Key Activities

- 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 center of Excellence by Accenture

## Topper's List

Name of the Student	%	Year
Ms. Gitanjali S. Korgaonkar	76.13%	May 2011
Mr. Rahul S. Yadav	70%	May 2012
Mr. Preetam B. Jain	67.50% GPA 7.64	May 2013
Mr. Preetam B. Jain	67.50% GPA 7.64	May 2013
Ms Reddy Vimala S	9.45/10 SGPA	May 2014

## 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.	Mrs. Poorva Waingankar	Associate Professor & HOD - Electronics Dept.	Image and Video Processing and Broadcasting
4.	Dr. Vinayak Bharadi	Associate Professor & HOD- IT	Wavelets
5.	Mr. Rajesh Bansode	Associate Professor & MR	Mobile and Wireless Communications
6.	Mrs. Sandhya Save	Associate Professor & Deputy HOD - Electronics	Digital Signal Processing and Applications, VLSI and Mixed Signal Circuits and System, Nano-Electronics
7.	Mr. Hemant Kasturiwale	Associate Professor & In-charge Examination	Digital Signal Processing and Applications, Adaptive Signal Processing
8.	Mr. Sanjeev Ghosh	Assistant Professor & Deputy HOD - EXTC	Image and Video Processing and Broadcasting, Advanced Digital Communications, Speech Processing
9.	Ms. Jyoti Kori	Assistant Professor	Statistical Signal Analysis
10.	Mrs. Payel Shah	Assistant Professor	Advance Satellite Communication, Network Security
11.	Mrs. Sujata Kulkarni	Assistant Professor & M.E. Coordinator - EXTC	Modeling and Simulation of Communication System, Next Generation Networks, Network Security

### LIST OF FACULTY RECOGNIZED AS A TEACHER OF THE UNIVERSITY FOR THE M.E. DEGREE IN ELECTRONICS & TELECOMMUNICATION 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	Dr. Bijith Marakarkandy	Associate Professor & M.E. Coordinator - IT
6	Mrs. Madhuri K. Mavinkurve	Associate Professor
7	Mrs. Poorva G. Waingankar	Associate Professor & HOD - Electronics
8	Mr. Rajesh Bansode	Associate Professor & MR
9	Mrs. Sandhya Save	Associate Professor & Deputy HOD - Electronics
10	Mr. Hemant Kasturiwale	Associate Professor & In-charge Examination
11	Mr. Sanjeev Ghosh	Assistant Professor & Deputy HOD - EXTC
12	Mrs. Payel Shah	Assistant Professor





**Ms. 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, Ms. 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.

### Best Practises

- 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.

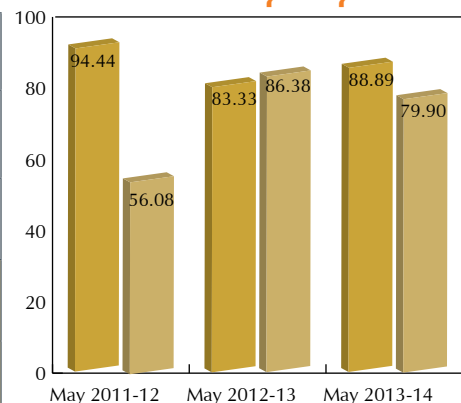
### Key Facilities

- 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. Jesalkumar A. Joshi	76.67%	May 2012
Ms. T. G. Lakshmi	85.17% GPA 9.82	May 2013
Ms Sonal S Save	SGPA 9.27/10	May 2014
Ms Pamli B Basak	SGPA 9.27/10	May 2014

### 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	Dr. Rekha Sharma	Associate Professor, HOD (UG) CMPN	Parallel Computing, Advanced Operating System, Advanced Computer Graphics
3	Mr. Kiran Bhandari	Associate Professor, Deputy HOD (UG) CMPN	Software Testing, Soft Computing
4	Mrs. Sheetal Rathi	Assistant Professor, M.E Co-ordinator, CMPN	E-Business Technology, Decision Making and Adaptive Business Intelligence, Advanced Computer Graphics
5	Ms. Shiwani Gupta	Assistant Professor	Advanced Algorithm and Complexity, Semantic Web Technology
6	Mr. Sanjay Sharma	Assistant Professor	Decision Making and Adaptive Business Intelligence
7	Mr. Niranjan Kulkarni	Assistant Professor	Cyber Security
8	Ms. Harshali Patil	Assistant Professor	Storage Area Network, Software Testing
9	Ms. Megharani Patil	Assistant Professor	Parallel Computing
10	Mr. Anand Khandare	Assistant Professor	Advanced Operating System, Advance Database Design
11	Ms. Rashmi Thakur	Assistant Professor	Advance Database Design, Cyber Security
12	Ms. Prachi Janrao	Assistant Professor	Advanced Algorithm and Complexity, Semantic Web Technology
13	Ms. Veena Kulkarni	Assistant Professor	E-Business Technology

### 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	Ms. Sheetal Rathi	Assistant Professor, M.E Co-ordinator, CMPN
4	Ms. Shiwani Gupta	Assistant Professor
5.	Mr. Sanjay Sharma	Assistant Professor
6.	Ms. Harshali Patil	Assistant Professor
7.	Ms. Megharani Patil	Assistant Professor
8.	Mr. Anand Khandare	Assistant Professor
9.	Ms. Rashmi Thakur	Assistant Professor
10.	Ms. Veena Kulkarni	Assistant Professor





M.E. IT Classroom 2014-15



**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 and industry connections.

### 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

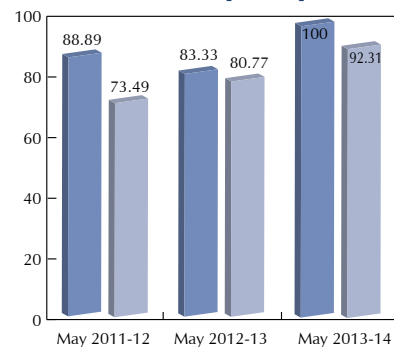
### Key Facilities

- 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
Ms. Neha J. Jain	73.20	May 2012
Mr. Jay L. Borade	79.00% GPA 8.91	May 2013
Ms. Shraddha S. More	SGPA 8.91/10	May 2014

### Result Highlights



M.E. IT Laboratory



# 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	Mr.Rajesh Bansode	Associate Professor	Network Design and Management
3	Mr.Zahir Aalam	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
6	Mr. Vikas Kaul	Assistant Professor	Network Design and Management
7	Mr.Namdeo Badhe	Assistant Professor	Advanced Data Mining with BI
8	Ms.Vandana Munde	Assistant Professor	Advanced Data Mining with BI
9	Ms.Purvi Sankhe	Assistant Professor	Usability Engineering
10	Mr. Aaditya Desai	Assistant Professor	Software Quality Assurance

### 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. Bijith Marakarkandy	Co-Ordinator, Associate Professor
3	Dr. Vinayak Bharadi	HOD (IT), Associate Professor
4	Mr. Rajesh S. Bansode	MR, Associate Professor
5.	Mr. Zahir Aalam	T & P Officer, Associate Professor
6.	Ms. Sangeeta Vhatkar	Assistant Professor



# TESTIMONIALS

It's a dream come true for me. I am fortunate to be doing my Ph.D. under expert guidance and in a college with excellent infrastructure. Cheers TCET!!!

Biju Balakrishnan  
(Ph.D./EXTC/14/01)

## Ph.D.(TECHNOLOGY) STUDENTS

Doing a Ph.D. is basically feeling of a very lonely and long walk! but, can be crossed confidently that border with the support and the guidance from expert supervisors from this esteemed institute.

Ujval Chaudhari,  
(Ph.D./EXTC/14/02)

TCET has given me an opportunity to pursue my higher education (ME as well as Ph.D.) along with my career development. I am proud to be a students as well as staff working with TCET for providing me a conducive environment for working as well as for my studies.

Sujata Dubal  
(Ph.D./EXTC/14/03)

The dream to pursue Ph.D. & to successfully complete depends upon the incredible opportunity given, being guided, mentored, moulded, encouraged and exposed to suitable environment. I really like to thank the management, Principal Dr. B. K. Mishra and the concerned higher authorities who has given me an opportunity to pursue my Ph.D., to nourish my knowledge, skill, attitude and to share and discuss my thoughts under the guidance of highly qualified and experienced professors of the Thakur college of Engineering.

Ms K. Jayasudha  
(Ph.D./EXTC/14/04)

It is a great pride to be a faculty in creating future engineers of nation and at the same time upgrading myself as student through TCET's first Ph.D. batch.

Kalawati M. Patil,  
(Ph.D./EXTC/14/06)

Great learning infrastructure, best experimental facilities equipped with latest technologies, experienced educators, incredible industry connect for campus placements and aspiring alumni association; a rare combination which is found in very few colleges in India. Proud to be associated with such an institution which is evolving to great heights every year.

- Hardik Sanghavi,  
BE CMPN, Batch 2007



## ALUMNI

It has set high standards in terms of education provided in the recent years. We are highly encouraged to participate in co - curricular activities which leads to an overall personality development.

Students can hugely benefit from the well established corporate network nurtured by TCET.

- Saurabh Mishra  
BE IT, Batch - 2011

TCET has provided me with the environment and resources to shape myself into a better person. I owe my parents and my professors for what I am today.

- Nirupama Rachuri  
BE CMPN Batch 2014



# Ph.D. Department Profile

## ABOUT Ph.D. RESEARCH CENTER

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 focussed 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 2014-15

Roll No	Name of Candidate	Subject Specialization
Ph.D./EXTC/14/01	Mr. Rathod Kiran Ramesh	Antenna
Ph.D./EXTC/14/02	Mr. Theckedath Dhananjay Kishore	Image Processing
Ph.D./EXTC/14/03	Ms. Mujawar Nazneen Kutubuddin	Image Processing
Ph.D./EXTC/14/04	Ms. Koti Jayasudha	Wireless Communication
Ph.D./EXTC/14/05	Mr. Chaudhari Ujval Gopal	Antenna
Ph.D./EXTC/14/06	Mrs. Patil Kalawati Madhukar	Optical Data Security
Ph.D./EXTC/14/07	Ms. Dubal Sujata Shantesh	Image Processing
Ph.D./EXTC/14/08	Mr. Biju Balakrishnan	Antenna



# GLIMPSES OF VARIOUS

## Degree Certificate Distribution Ceremony



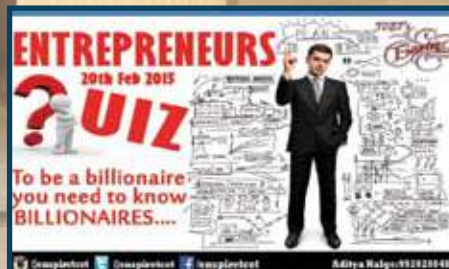
## Multicon-W 2015 (International Conference)



## Seminar on "Starting Your Own Start-up" in Association with Confederation of Indian Industry (CII)



## E-WEEK



# INSTITUTIONAL ACTIVITIES 2014-15

## IIT B SEMINAR (India's biggest Networking Championship IBNC)



## Industry-Institute Symposium - II : "An Integrated Approach to Enhance Employability"



## Accenture's International Woman's Day Celebration



## TECH Birth 2015



## Marathi Bhasha Divas Celebration



# STUDENT'S MAJOR ACHIEVEMENT

## Academic

Institute takes pride in the outstanding performance by **Mr. Darpesh A. Rupareliya** of Final Year Computer Engineering for securing 79.33 % (First in Institute Level) and **Ms. Priyanka B. Bhandari** of Final Year Information and Technology for securing 78.40% (Second in Institute level) in academic year 2013-2014. For their outstanding performance, the institute has awarded them with a certificate and a cheque of ₹ 5,000/- and ₹ 2,500/ respectively.

**Mr. Pawan Prakash Agine** final year Computer Engineering secured 78.13%, and stood third in the Institute. He was also award a certificate and a cheque ₹ 1,500/- by the institute.

## Sports

TCET students have participated in various Inter-collegiate tournaments.

The annual Intra and Inter collegiate sports festival ENERTIA 14 was organized under halogen lights and was a great success.

**Cricket:** TCET Cricket & Box Cricket team won many awards at BOSM14 Open Sports meets organized by BITS, Pilani, Rajasthan in September 2014. In the overall tournament it was at the third position. The team also won the Inter-collegiate sports tournament, ENERTIA' 15 organized by TCET in March 2015, Mumbai. The TCET Box Cricket team has the runner up in the Inter-collegiate sports tournament, ENERTIA' 15 organized by TCET in March 2015, Mumbai.

**Taekwondo :** TCET student also won Gold medal in Taekwondo at BOSM14 Open Sports meets organized by BITS, Pilani, Rajasthan in September 2014.

**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.

**Volleyball:** TCET volleyball team was the runner up in Inter-collegiate level sports tournament ENERTIA' 15 organized by TCET in March 2015, Mumbai. TCET students have also participated in various Inter-collegiate tournaments.

**Basketball:** TCET basketball team was the runner up [finalists] in the Inter-collegiate sports tournament Excelsior'14 organized by KEM, Mumbai. TCET basketball team was the second runner up in Inter-collegiate level sports tournament Enthusia'14 organized by VJTI, Mumbai.

## Technical

TCET has organized Multiple Conferences & Workshop (Multicon-W 2015) on February 27 & 28, 2015. MULTICON-W 2015, an initiative of TCET, offers multiple platforms for all the stake holders under one roof to contribute their original research work in five emerging areas: International Conference on Communication Computing & Virtualization (ICCCV-2015), International Conference & Workshop on Electronics & Telecommunication Engineering (ICWET 2015), and International Conference & Workshop on Advances in Mechanical Engineering (ICWAME 2015). In addition, Industry Workshops, Research Colloquium and EWPCC (Engineering workshop and paper presentation contest) for first year students are other special features of MULTICON-W 2015.

ICCCV-2015 and ICWET were organized in cooperation with International Journal of Applied Information Systems (IJ AIS) and IJCA (<http://www.ijcaonline.org>). Over 3102 delegates and 80 Resource persons from all over India and abroad attended Multicon-W 2015 Event.

TCET's annual technical festival, Zephyr'14, was held from 26-28 September 2014. There were more than 3000 attendees over the 3 days.



Mr. Darpesh A. Rupareliya (CMPN) -First in Institute Level



Ms. Priyanka B. Bhandari (IT) -Second in Institute Level



Mr. Pawan P Agine (CMPN) -Third in Institute Level



Enertia



# IMPORTANT SECTIONS

## SHRI RAMNARAYAN SINGH THAKUR MEMORIAL LIBRARY ESTD. 2006



Learning Resource Centre (Central library) is located on 4<sup>th</sup> floor of the College building with 825 Sq. m. built area. LRC is highly modular. Mr. Devidas Kalwale is the Librarian and looks after the development of the library. Additional library facility is created on fifth floor of Thakur Mall as Library Extension and the 78 students can use the premises upto 9.00 p.m. and as per request of students, timings can be extended upto 10.00 p.m. during examinations.

### HIGHLIGHTS:

- Text Books - more than 22,847
- References book - more than 1903
- Magazines - more than 15
- Printed Journals - more than 81
- Added 2928 books for the A.Y. 2014-15

### 7 E-Journals Data bases:

- IEEE-All Society periodicals Package - 145 Journals
- McGraw Hill-Access Engg. Library - e-books
- ASME-Mechanical Engineering 26 Journals
- Elsevier-Science Direct - 275 Journals
- ASTM Digital Library - 1700 Indexed & 13000 Journal articles
- ASCE-Civil Engg - 35 Journal new

## 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 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.

- J-Gate - Engineering & Technology-4700 indexed & 1700 new
- Book Bank Facility for economically backward students with more than 1925 books
- Department Library with average 500 books and 500 project reports
- Organised 2 training programmes of e-resources for faculty members. Book Exhibition for students and faculty

### KEY FACILITIES:

- Book stack section** : Capacity of 70,000 books
- Reference Section** : Handbook stacking capacity of around 4000 books Seating arrangement (48) Stack for magazines/Journals
- General reading room** : Seating capacity (128)+(100)
- 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 12 Mbps INTERNET
- Library Management** : Libsuite Software

## Administration

It is mainly for general administration led by Registrar, Mr. Yashwant Baing and Office Executive, Mr. Rajiv Singh. At present there are 30 dedicated full time non-



teaching staff members. 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.



# IMPORTANT SECTIONS

## Training & Placement



**T**raining 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

This needs:

- Sound communication skills
- Strong domain knowledge
- Awareness of corporate work etiquette
- Familiarity with recent trends and challenge

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.

### PLACEMENT

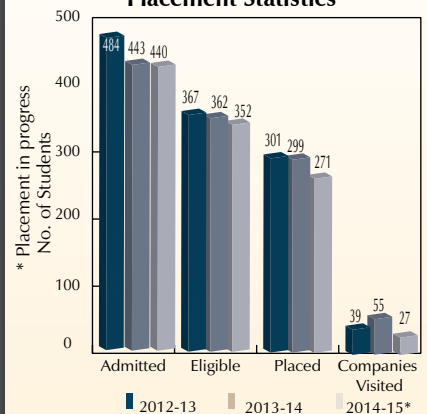
TCET has an enviable record in placement of students. The institute has been accredited by major companies like Infosys, Tata Consultancy Services, Accenture, IGATE and Tech-Mahindra etc.

At present more than 45 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.

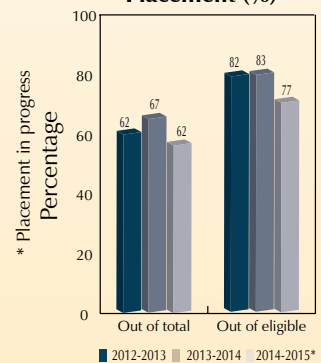
### IMPORTANT TRAINING ACTIVITIES

- **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.
- **Infosys Campus Connect Programme**: To develops the students with soft skills and the software engineering knowledge as required for IT industry.
- **Industrial Visit** : To familiarise students with industrial environment with they are likely to work as a professional after completing their course successfully.
- **Pre-placement Training Program** : 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.

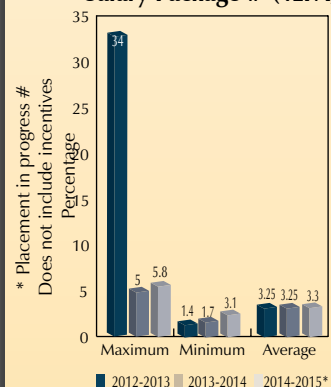
### Placement Statistics



### Placement (%)



### Salary Package # (₹LPA)



### 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 consider 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 enhancement.

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 FE 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 9 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

- 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

### Others

- Website developed for 'Pragmatic Solutions'
- Database Software developed for TATA Motors



# 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 upon web site.

Academic activities during the semester includes:- Theory/Practical/Tutorial sessions as per academic timetable 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 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
<b>Total</b>	<b>420</b>	<b>105</b>	<b>50</b>	<b>175</b>	<b>750</b>	<b>Total</b>	<b>380</b>	<b>95</b>	<b>75</b>	<b>200</b>	<b>750</b>

Subject schemes with syllabus details for students can 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.

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 heads and is counted 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



*Soujourn*

T CET 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- / level.



*Glimpses of 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

- Annual Intra Collegiate 27<sup>th</sup> January 2015
- Sports meet -T-Spark '15 4<sup>th</sup> February 2015
- Special Days February 2015
- Annual cultural festival -SOJOURN'15 19<sup>th</sup>-20<sup>th</sup> March 15
- Annual Inter College Sports Festival ENERTIA '15 9<sup>th</sup> -15<sup>th</sup> March 15
- Farewell to the final year students June 2015

### 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	Mr. N.T.Kulkarni
Cultural In-Charge	Mrs. Aradhana Manekar
Sports In-Charge	Mr.Vaibhav Gijare
Students	
General Secretary	Mr. Amit Kesari
General Advisor	Mr.Siddharth Pandey
Joint General Secretary	Mr.Rohit Vishwakarma
Treasurer	Ms.Meghna Amin
Lady Representative	Ms.Priya Singh
Lady Representative	Ms.Drishti Bhati
Cultural Secretary	Ms.Akanksha Agrawal
Cultural General Secretary	Ms.Sahana Nayak
Joint Cultural Secretary	Mr.Rohit Karotia
Joint Cultural Secretary	Ms.Raveena Pai
Sports General Secretary	Mr.Vikram Singh
Sports Secretary	Mr.Raghav Singh
Joint Sports Secretary	Mr.Mayank Singh
Joint Sports Secretary	Mr.Karan Gupta



# 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

- Technophilia-Workshop on Augmented Reality September 2014
- Zephyr-14 September 2014
- TechBirth Poster Competition February 2015
- Multicon-W 2015 February 2015
- IET Paper Presentation March 2015
- Industrial visit to Silvassa March 2015
- IC The Future - Project Exhibition April 2015
- MATLAB Workshop April 2015

## Future Plans

To organize an inter-collegiate project exhibition for students across all departments.



## Working Committee

### Faculty

In-Charge Dr. Lochan Jolly

### Students

Chairperson Saurabh Choudhary

Vice Chairperson Karan Jain

Treasurer Mihir Mehta

Event Manager Manu Nair



# 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 300 registered members and the chapter is still growing day by day. Activities are being continuously planned and conducted.

IEEE - TCET boasts of a head count of 136 students across all departments. Being an IEEE member entitles them to a monthly magazine, access to the IEEE international website and various other benefits.

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

## Important activities

- Code Cypher August 2014
- Bridge Course Aug-Oct 2014
- Zephyr September 2014
- Industrial Visit December 2014
- TechBirth Poster Competition January 2015
- Zeigen April 2015
- Sparkcode April 2015

## 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	Julie Salunke
Vice Chairperson	Hiten Prajapati
Treasurer	Sagar Waghela
Event Manager	Shruti Saxena
Secretary	Anmol Rohila
Sponsorship Head	Kanishk Varma



# 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 775 students have enrolled as NSS volunteers.

### Important activities

➤ BMC School Teaching	July 2014
➤ Blood Donation Camp	July 2014
➤ Anti-addiction Rally	July 2014
➤ Medical Camp	August 2014
➤ Malaria Awareness	August 2014
➤ Independence Day	August 2014
➤ Aadhar Oldage Visit	August 2014
➤ Ganesh Visarjan	September 2014
➤ Tree Plantation	September 2014
➤ Traffic Control	September 2014
➤ Organ Donation Awareness	September 2014
➤ Swachatta Abhiyaan	October 2014
➤ Mumbai Marathon	January 2015
➤ CMS Awareness 1916	January 2015
➤ Republic Day	January 2015
➤ Equal Streets	February 2015
➤ Manori Clean-up Drive	February 2015

### Future Plans

- 1) Cyclothon
- 2) Ugly Indian
- 3) Disaster Management
- 4) Litter of Light

### Working Committee

#### Faculty

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

#### Students

Student Leaders	Aakash Pandey, Aashna Shah, Pranjal Pangaonkar
Administrative Head	Bharti Chauhan
Finance Head	Jay Dhoka
Project Head	Nishant Singh
	Henil Shah



# STUDENTS' FORUM



**IETE**

IETE-TCET Students' Forum

Institution of Electronics and Telecommunication Engineers  
website : www.iete-tcet.org | E-mail : ietctcet@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 268 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

- TCET's Zephyr'14 September 2014
- Project Exhibition October 2014
- TechBirth Poster Competition January 2015
- MULTICON-W February 2015
- Industrial Visit February 2014
- Raspberry pi Workshop February 2014

## 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



## Working Committee

Faculty	
Faculty In-Charge	Mr. B. A. Chidre Ms. Jyoti Kori
Students	
Chairperson	Kushal Mahidhar
Vice Chairperson	Dixit Jain
Treasurer	Ravi Chama
Event Manager	Pankaj Panjiyar
Secretary	Radhika Patel
Sponsorship Head	Akshay Panchmukh



# 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 165 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 -14 Technical Festival September 2014
- Seminar on Ethical Hacking September 2014
- Bridge Course for second year Student on Ethical Values September 2014
- Ezine Magazine, 3rd Issue February 2015
- Multicon W 2015 February 2015
- Cloud Computing research under Microsoft Educator Grant February 2015
- Microsoft Student Associate Program February 2015
- Microsoft dream spark program for ACM core member February 2015
- Industrial Visit(for 2 days) March 2015
- BE Project Competition April 2015
- Mini- Project competition for 2nd year & 3rd year students April 2015

### Future Plans

- To have technical & soft skill workshop for members
- To spread awareness about ACM and get more and more members to join the chapter



### Working Committee

Faculty	
Programme Officer (PO.)	Dr. Vinayak Bharadi
In-Charge	Mr. Rahul Neve
Students	
Chairperson	Aman Agarwal
Vice Chairperson	Rajendra Mehra
Sponsorship Head	Krish Jain
Event Manager	Sagar Chettiyyar
Secretary	Yesha kava
Treasurer	Sagar Doshi



# STUDENTS' FORUM



**T**hakur 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 2014 were United Nations Human Rights Council (UNHRC), Disarmament and International Security Committee (DISEC), United Nations Security Council (UNSC), The special Political & Decolonization Committee (SPECPOL), Union of European Football Associations Congress (UEFA) and Game of Thrones Committee (GOT). 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 2014 received participation from over 250 delegates across India.

## Important activities

- ▶ Training Seminar August 2014
- ▶ Mock MUN Workshop September 2014
- ▶ TCET-MUN 2014 Conference September 2014

## Future Plans

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



## Working Committee

<b>Faculty-in-charge</b>	Dr. Poonam Ojha Mr. Amol Dapkekar
<b>Students</b>	
Secretary General	Sanjeev Rao
Deputy Secretary General	Ayushi Kanodia
Secretary General-Admin.	Ekta Shetty
Secretary General-Finance	Rishabh Prakash
Secretary General-Public Relations	Anmol Kaur Bagga
Secretary General-Hospitality	Rishabh Kedia
Secretary General-Marketing	Devyash Sanghai
Secretary General-Research	Shikha Verma



# 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.

## Important activities

- Zephyr -14 Technical Festival                      September 2014
- Organised Workshop on                              September 2014  
    Dynamic Street
- Organised Industrial Visit                            January 2015
- Car Project "Mechsters- GoCart"                 March 2015  
    (in Lovely University, Punjab)

## 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	
<b>Faculty-in-charge</b>	Mr. Rajesh Behra
<b>Students</b>	
Chairperson	Mandar Padole
Vice Chairperson	Rishabh Singh
Secretary	Jayesh Chaurasia
Treasurer	Sagar Tank
Event Manager	Kunal Munoyat
Sponsorship Head	Henil Shah



# 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

- ▶ Preliminary of National Level Secure Programming Competition August 2014
- ▶ Semi final of National Level Secure Programming Competition September 2014
- ▶ Chapter level Examination (ISTE SRMC 2014-15) November 2014
- ▶ Zonal level Examination (ISTE SRMC 2014-15) December 2014
- ▶ National Level Examination (ISTE SRMC 2014-15) February 2015
- ▶ Engineering workshop and Paper presentation contest-2015 Under the banner of Multicon-W February 2015

### 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

<b>Faculty-in-charge</b>	Mr. Rohit Kumar Singh Mr. Anil Vasoya Ms. Prachi Janrao
<b>Students</b>	
Chairperson	Ms. Poornima Kumar
Vice Chairperson	Ms. Ami Vora
Treasurer	Mr. Nakul Jain
Event Manager	Mr. Manish Yadav
Secretary	Ms. Snehal Bedmutha
Sponsorship Head	Mr. Bhaskar mishra



# ADMISSION

(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 Candidate and Outside Maharashtra State Candidate:

i) Candidate should be an Indian National and should have passed the HSC (Std. XII) examination of Maharashtra State Board of Secondary and Higher Secondary Education or its equivalent examination with subjects English, Physics, Mathematics and Chemistry / Biotechnology / Biology / Technical Vocational Subjects.

And

Secured minimum **50% marks** (minimum **45%**, in case of Backward class categories and Persons with Disability candidates belonging to Maharashtra State only) in the subjects **Physics, Mathematics and Chemistry/Biotechnology/Biology/Technical Vocational subject** added together.

And

Obtained a positive composite score\* i.e. marks obtained after adding 50% of JEE (Main) 2015 (Paper 1) marks and 50% of normalized Std. XII (Board of Equivalent Examination) marks in Physics, Chemistry and Mathematics.

**Note :** The details for calculation of positive composite score shall be notified separately on [website : dte.org.in](http://website : dte.org.in)

ii) Eligibility criteria for candidates who have passed Diploma in Engineering / Technology and seeking admission to First Year Engineering/Technology (Institute Level Seats/Vacant seats after completion of CAP Round) :

#### ADMISSION AT DIRECT SECOND YEAR ENGINEERING LATERAL ENTRY

B) The Candidate must be an Indian National and should have passed Post-SSC or Post-HSC Diploma Course in

Engineering/Technology with at least **45 % marks (40 % marks** in case of candidates of backward class categories and Persons with Disability belonging only to Maharashtra State) in appropriate branch of Engineering / Technology from an AICTE approved Institution with English as the medium of instruction at Diploma level.

OR

The Candidate must be an Indian National and should have passed B.Sc. Degree from a UGC / Association of Indian Universities recognized University with at least **45% marks (40 % marks** in case of candidates of Backward class categories and Persons with Disability belonging only to Maharashtra State) and passed XII standard examination with Mathematics as the subject and with English as the medium of instruction at B.Sc. level.

For more information about Admission to Direct Second year of Engineering Degree course log on : [www.dte.org.in](http://www.dte.org.in)

## II. POST GRADUATE PROGRAMME

**a) Master of Engineering (ME) :** For Master of Engineering admission 51% seats will be filled-up under linguistic minority quota, 29% will be filled-up by CAP Round and remaining 20% seats will be fill-up at Institute Level only.

#### Basic Eligibility Qualification

The candidates should fulfill the following eligibility criteria:

1. Candidate should be an Indian National
2. Candidate should have passed/appeared Bachelor degree or equivalent in the relevant field of Engineering/Technology from State Governments/MHRD approved institutions, with at least **50 % Aggregate marks (at least 45% marks** in case of candidates of Backward class categories and persons with disability belonging to Maharashtra State only)
3. The candidate should possess Bachelor degree in the



# ADMISSION

relevant course of Engineering/Technology as specified in the eligibility criteria of the concerned University for which admission is being sought to a particular Post graduate degree course/specialization.

## Important Note:-

The candidates must ensure before applying for admission to the post graduate degree courses/specialization in Master of Engineering/ Technology in a 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](http://www.dte.org.in)

## III. Course Fee

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

	UG (in ₹.)	PG (in ₹.)
Tuition & Development Fees	1,21,275	1,21,275
University & Other Fees	1,663	5,818
Library & Laboratory Deposit	5,000	5,000
Total Interim Fees	1,27,938	1,32,093

The above fee is interim fees and it will be finalized by the Shikshan Shulka Samiti in course of time which will be payable by the student. 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 Shikshan Shulka Samiti'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 Shikshan Shulka Samiti.

## IV Fee Refund Policy

All admissions till approved finally by Pravesh Niyantaran Samiti (PNS) will be treated as provisional. Refund of tuition, development and other fees after cancellation of admission secured through CAP rounds – I/II/III, in the Minority, Institute level round(s) and Vacancy round(s)

The candidate who has been provisionally admitted may cancel admission by submitting an online application through candidate's login only. The candidate shall submit online system generated application duly signed by the candidate for cancellation to the institute in duplicate.

The refund of fees as applicable shall be made in due course. It is made clear that such application for cancellation will be considered if and only if the admission is confirmed by paying the prescribed tuition fee and other fees in full and by submitting the original documents. Refund shall be made after deduction of the cancellation charges as shown below:

### Refund shall be made as follows : (As per the DTE Norms)

Sr.	Situation	Refund Amt.
1.	Cancellation Request Received before cutoff date & if a seat is filled in that course before the cutoff date	Entire fee less ₹. 1000/-
2.	Cancellation Request received before cutoff date but 'a seat' could not be filled in that course before cutoff date	No Refund (except security deposit)

• 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 produce if required.

## Sale of Application Form

FE/DSE/ME admission application forms are available in the Administrative Office on payment of ₹. 1250/ 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



# ADMISSION

## 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).	i) CAP Admission Seat Allotment Letter from the DTE (MH) (For CAP students only).	i) CAP Admission Seat Allotment Letter from the DTE (MH) (For CAP students only).
ii) Marksheet of SSC (Std. X) examination	ii) Diploma Final Year Marksheet.	ii) S.S.C ( Std. X ) Mark sheet.
iii) Marksheet of HSC (Std. XII) examination / Diploma in Engineering Examination	iii) Diploma Provisional Passing Certificate.	iii) H.S.C ( Std.XII ) Mark sheet.
iv) Score card for JEE-Main 2015	iv) College Leaving Certificate after passing Diploma Exam from last attended College.	iv) College Leaving Certificate of B.E./B.Tech.
v) Certificate of Indian Nationality of the candidate	v) Migration Certificate (in case of candidate passing qualifying exam. from any other Board other than MSBTE.	v) B.E. / B. Tech. Final year marksheet.
vi) College Leaving Certificate	vi) Gap Certificate on stamp paper of ₹.20/- duly notarized. (This is for those candidates who have passed Diploma in March 2014 or before and presently not studying in any course/institution)	vi) Valid GATE score card
vii) Physical Fitness Certificate from a Registered Medical Practitioner.	vii) Domicile Certificate on stamp paper of ₹.20/- duly notarized. (This is for those candidates who have passed Diploma in March 2014 or before and presently not studying in any course/institution)	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)	viii) Domicile Certificate of candidate / Domicile certificate of Father /Mother (in case of candidate passing SSC (Std X) and Diploma Examination from recognized institution outside Maharashtra State. (if necessary)	viii) Domicile Certificate of candidate/ Domicile certificate of Father / Mother (in case of candidate passing S.S.C. and H.S.C. Examination from recognized institution outside Maharashtra state).
ix) Migration Certificate (In case of candidate passing qualifying examination from any other board other than Maharashtra State Board of Secondary & Higher Secondary Education)	ix) AICTE anti-ragging undertaking on stamp paper of minimum ₹. 100/- by students as well as parents (at the time of admission).	ix) Indian Nationality certificate of the Candidate. In lieu of the "Certificate of Indian Nationality" any one of the following certificate will also be acceptable :-
x) Affidavit from Minority status on a ₹ 100/- non judicial stamp paper (only for Linguistic Minority candidates)	x) Aadhar Card (Xerox copy)	<ul style="list-style-type: none"> <li>• The College leaving Certificate indicating the Nationality of the candidate as 'Indian'.</li> <li>• Indian Passport in the name of the candidate, issued by appropriate authorities.</li> <li>• Birth Certificate of the Candidate indicating the place of birth in India.</li> </ul>
xi) AICTE anti-ragging undertaking on stamp paper of minimum ₹100/- by students as well as parents (at the time of admission)		x) AICTE anti-ragging undertaking stamp paper of minimum ₹. 100/- by students as well as parents (at the time of admission)
xii) Aadhar Card (Xerox copy)		xi) Aadhar Card (Xerox copy)

## General Instructions

- The reporting time for College is 9 A.M.
  - ➡ Instructional Timing is from 9.15 A.M. to 5.15 P.M. from Monday to Friday.
  - ➡ Academic load compensation & Practice Session may be arranged on Saturday/ holidays.
- Students should be regular and punctual for theory and practical sessions
- Minimum 75% attendance in each passing head is mandatory for term grant.
- Attendance for participation/ conduct in extra and co-curricular activities will be granted as per institute norms.
- In case of leave due to emergency or medical reasons application should be addressed to the Principal for the leave-grant through HOD.
- The College web site should be visited regularly.
- Assignments / Journal writing / Practical should be completed as per the schedule.
- All important dates provided by examination section should be met without fail.
- Cell phones are not allowed within the academic boundaries.
- All facilities and amenities should be used judiciously.
- Any illegal activity within the College premises is strictly prohibited.
- Wearing ID-card in College campus is compulsory.
- Formal dress code should be maintained (half -pants, capris, sleeveless T-shirts are not allowed).
- Discipline and decorum should be maintained within the College premises.
- 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:

- Ragging within or outside of any educational institution is prohibited.
- 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.
- 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.
- Whenever any student or, as the case may be, the parent of guardian or a teacher of an educational institution complains, 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 enquiry 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.

- 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](http://www.tcetmumbai.in)

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

**Anti Rapping 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 Grievence 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), DNA	Member (Local Media)
Mrs. Snehali Vaidya	NGO-Swadhar, C/o. Keshav Gore Smark Trust, Mahalaxmi Temple, Shruti Aarey Road, Goregaon (W), Mumbai-400 062	Member (NGO)
Mr. Amit Pathak	Student of FE-EXTC-A	Member (Fresher student)
Ms. Meghana Amin	Student of BE-CMPN-A	Member (Senior student)
Mrs. Pramila Jain	Mother of Priyanka Jain, Student of BE-ETRX - A	Member (Parent)
Dr. Rajesh Rao	Father of Siddharth Rao, 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. Rajeev Singh	Office Executive	Member (Non Teaching Staff)
Mr. Rajesh Singh	Hostel Warden	Member (Non Teaching Staff)

### Anti Rapping 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)
Ms. Sonal Barvey	Assistant Professor-ETRX	Member (Faculty)
Mr. Deepak Shete	Assistant Professor-EXTC	Member (Faculty)
Mr. Somnath Chinchkar	Assitant 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



## 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.	Prof. Poorva Waingankar	Associate Professor, HOD(ETRX)	6730 8000	poorva.waingankar@thakureducation.org	Member
3.	Prof.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.	Prof.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.Snehali Vaidya	NGO-Swadhar, Goregaon ( west )	NGO Member
3.	Dr.Vinayak Bharadi	HOD-IT, Associate Professor	Faculty Members
	Ms.Vidyadhari Singh	Examination Coordinator, Assistant Professor	
	Mrs.Nita Jain	Assistant Professor	
4.	Mr.Rajeev Singh	Office Executive	Non-Teaching
	Mrs.Bharati Rathod	Sr. A/c's Clerk	
	Ms.Pallavi B.Patil	Sr. Clerk	
	Ms.Teena Sequera	Advocate -TEG	
5.	Ms.Vibha Singh	B.E. ETRX	Students Member
	Ms.Meghna Amin	B.E. CMPN ( A )	
	Mr.Ganesh Rode	B.E. EXTC ( B )	



## Scholarship Benefit (Under Various Schemes)

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 8000/- per month) (Period July to June)	9	9 (Received upto January 2015)
2	Special Scholarship Scheme for Jammu & Kashmir	1 Fresh 1 Renewal 2	Renewal - Koushal Vinod Raina - 81,000/- Fresh - Hashim Hameed Bhat - 1,38,980/-
3	Social Welfare (SC / ST./ SBC / DT./ VJNT / OBC, For OBC - Freeship parents income upto 4,50,000/-) (For all supporting documents as per rule). (SC / ST / SBC / DT / VJNT - Getting Tuition fees and OBC getting 50% of Tuition fees)	SC - Freship -2 / SC - Scholarhsip - 2 SBC - Scholarship -2 VJNT - Scholarship - 1 OBC - Scholarship - 2 Total = 09	Scantioned not yet received
4	Merit-cum-Means based Scholarship of Govt. of India for (Minority Communities-Muslim/ Christian/ Sikh/ Parsi/ Buddhist) Central Government Scholarship-India (Getting per student Rs. 25000/- whose parents annual income is upto Rs.2.50,000/-)	23 Fresh 02 Renewal 25	Not yet received
5	Economic Backward Class (EBC) - DTE (Getting 50% of Tuition fees to those students coming from CAP, whose parents annual income is upto Rs.1,00,000/-)	31	Scantioned 31 but not yet received
6	Economic Backward Class (EBC) - UOM (Only 5 students can apply and Getting per student Rs. 5000/- whose parents annual income is upto Rs.1.00,000/-)	5	Not yet received
7	State Govt. Scholarship (SGS) Merit-cum-Means (MCM) (Minority Communities-Muslim/ Christian/Sikh/ Parsi/ Buddhist/Jains) Only for Maharashtra Candidates (Getting per student Rs. 25000/- whose parents annual income is upto Rs.2.50,000/-)	31 Fresh 26 Renewal 57	57
8	The JRD Tata Trust Scholarship Program (From S.E. to B.E. students can apply for Schoarship) (Getting Tuition fee to those who having 80% and above marks)	159	31
<b>Total</b>		<b>277</b>	<b>88</b>

Sr.No.	Name of Scholarship 2013-14	No. of Applications Received	No. of Sanctioned Scholarship
1	Merit-cum-Means based Scholarship of Govt. of India for (Minority Communities-Muslim/ Christian/ Sikh/ Parsi/ Buddhist) Central Government Scholarship-India	5	5
2	Economic Backward Class (EBC) - DTE	31	30 Sanctioned but not yet received, Rs. 14,71,181/-will receive soon.
3	Economic Backward Class (EBC) - UOM	3	3 Not yet received
4	State Govt. Scholarship (SGS) Merit-cum-Means (MCM) (Minority Communities-Muslim/ Christian/Sikh/ Parsi/ Buddhist/Jains) Only for Maharashtra Candidates	74	74
5	The JRD Tata Trust Scholarship Program	20	20
<b>Total</b>		<b>133</b>	<b>89</b>



## 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.)	
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.)	



Estd. 2001