



Estd. 2001

# QUASAR<sup>i7</sup>

❖ Volume 7 ❖ Issue 7



# think different...

*Tagdu Singh Charitable Trust's (Regd.)*

**THAKUR COLLEGE OF ENGINEERING & TECHNOLOGY**

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

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

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

\*\*1st time Accredited UG Programmes : • Computer Engineering • Electronics & Telecommunication Engineering • Information Technology (3 years w.e.f.: 16-09-2011)

\*\*2nd time Accredited UG Programmes : • Computer Engineering • Electronics & Telecommunication Engineering • Information Technology • Electronics Engineering (3 years w.e.f.: 01-07-2016)

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



## VISION

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

## MISSION

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

## 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 students in proactive manner to achieve our Institutional Quality Objectives and fulfil all academic and regulatory requirements to continually enhance the satisfaction of our students.

## VALUES

- Integrity & accountability
- Respect for each individual
- Sensitive towards social responsibilities
- Unfettered spirit of learning, exploration, rationality & enterprise
- Exploration & enterprise for both faculty and students

## CORE COMPETENCIES

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

# QUASAR<sup>i</sup>17

Academic Year 2016-17

## **THE EDITORIAL COMMITTEE**

### **FACULTY MEMBERS**

Mr. Amol Dapkekar (H&S Dept.)

### **STUDENT COMMITTEE**

Mr. Omkar Potdar TE MECH (B)

Ms. Arshdeep Sood BE EXTC

Ms. Monica Korlepara TE CIVIL

Ms. Rashi Dhariwal TE CIVIL

Ms. Ayushi Mankar TE CMPN

Mr. Abhishek Chauhan SE CMPN

Mr. Divij Shah SE CMPN

Mr. Swastik Chavan SE CMPN

Ms. Mrinal Bageshwari SE CMPN

Ms. Prachi Nagane SE CMPN

Ms. Dhanshree Kolhe FE CMPN

Ms. Saloni Shetty FE CMPN

Ms. Priyanka Pundir FE IT

### **ART DESIGN**

Mr. Pradeep Gupta (Admin Department)

Ms. Alka Singh (Admin Department)

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## EDITORIAL



**N**ot the same as another or each other; unlike in nature, all forms or all possibilities. Different, is it? Doesn't everything begin with just an idea? Is that what takes us to different paths in life? Yes! It all lies within our minds and in our thoughts.

How you build your thoughts and how you let them have an impact on yourself as well as the others is what makes a big difference. These powerful thoughts can either make your life or break it completely.

This is to all those relentless thoughts, the ones that swiftly come and go and the ones that actually make you think. Are you also pondering upon how your thoughts and ideas might sound absurd to the world? But aren't you equally amazed by them while they run through your mind?

Were or weren't they right when they said that the ugly duckling would grow up to be the prettiest?

Are you also planning to shift to the moon?

Do reporters wear pants behind the news desk?

Why do away with all the stereotypes? Why not be or be one of those Half-glass-full people? With this thought, we bring to you Quasar 2017! Because every thought matters..Think different

# Message by Chairman



V. K. SINGH

It is elevating to see the competence that the 7th edition of our annual magazine, QUASAR, has achieved yet again a new milestone. This year's theme, "Think Different" has given a push to share innovative and unconventional ideas in every person's mind.

Our magazine is a huge platform for students and provides exposure which results in their all-round development. TCET has always tried to provide creative platforms to students to showcase their hidden talent and achieve excellence in all their endeavours. I am confident that TCET students will exploit each opportunity they get here and build one's identity in this competitive world.

I applaud the students and the staff for expressing their creative pursuit through the articles written by them. A commendable job has been done by the Editorial Team in planning and preparing this exceptional edition. Also, through this, I also bid farewell to the outgoing batch and hope that with the nurturing received at TCET, they lead a successful life ahead.

All the best in all your endeavors!

# Message by CEO



KARAN SINGH

**W**e at TCET have constantly been trying to bring out the best in students to let them exhibit their creative potential apart from just academic excellence. Annual Magazine is one such opportunity for the students and staff alike to present their creative and original thoughts. This will help in developing the creative thrust and enhance their way of thinking.

I'm pleased with how the magazine and its experimental theme set a benchmark with each passing year. This year's issue has come up with a theme "Think Different" which gives the magazine a bright, entirely different look. It provides a wide range of inputs and varied perspectives.

I congratulate the Editorial Team of 2016-2017 for yet another excellent issue and wish them luck to keep the good work going.

# Message by Principal



Dr. B. K. MISHRA

It is a matter of pride for TCET to release the 7th edition of Quasar. This year's annual magazine is very special as its theme "Think Different" will give a creative impetus to students and staff alike.

This magazine will give a platform to think on the lines of creativity and innovations. This will bring students and staff of various disciplines on a common platform to share and display their ideas and literary talents through poems, stories, essays, pictures, illustrations and photographs. This is also the platform for all professional bodies and different activity heads at TCET to put forward their latent work through reports. This will help in understanding the progress, we at TCET made during these many years.

I appreciate Quasar team for their sincere efforts in putting up such a beautiful magazine. Their hard work and toil is reflected across the pages. I wish them all luck and keep blooming every year.

Lastly, I wish all the final year students to keep your energy alive in coming years and set up a new limit to yourselves after every successful endeavour as sky is the limit for achievers.

Wish you all a great success and career ahead!!



# Message by Dean Academic



Dr. R. R. SEDAMKAR

“People who are crazy enough to think they can change the world are the ones who usually do”

- Rob Siltanen

In an era of fierce competition, it is necessary for the youth to excel not only in studies, but also extracurricular and co-curricular activities. TCET has been witnessing steep growth in all aspects of students’ lives viz. soft skills, creativity and also academics.

It gives me immense pleasure to see seventh edition of Quasar magazine themed “Think Different” and I believe magazine is a great platform for students not only from TCET, but also from all around the nation.

Owing to the theme, we are expecting to showcase students’ ideas from various areas like creativity, innovation, international and domestic issues, art, etc.

Lastly, I wish to congratulate our final year students who will pass out and I wish they achieve massive success in their lives.

Congratulations to the editorial team for showing determined efforts in bringing out this magazine.

# Message by Dean R&D



Dr. KAMAL SHAH

“The best preparation for tomorrow is doing your best today.”

-H. Jackson Brown, Jr.

It gives me immense pleasure to pen a few words for the 7th edition of our institute magazine “Quasar 2017”! The theme of this year’s issue “Think Different” is what makes our students unique than the rest. Being different and thinking different makes a person unforgettable. History does not remember the people who have not done anything unique. TCET is a place where students have been given multiple opportunities to show that difference and uniqueness in them. Students, here, have been nurtured to become great world leaders with the best and finest of qualities.

I would like to congratulate the team of TCET QUASAR 2016-2017, who have made untiring efforts to bring out this magazine. I wish them all success.

# Message by Dean Student & Staff Welfare



Dr. LOCHAN JOLLY

It is a matter of great pride for me to give my message to the students and faculty through our annual magazine 'Quasar'. Also, it gives me great joy to witness the continual progress made by the editorial committee year by year.

"Think Different" being the theme, I believe Quasar is an excellent platform to demonstrate the ability to think outside the box and showcase the originality of thought for the students as well as faculty.

I heartily congratulate our final year students and wish them massive success in their future endeavors.



About TCET

## ABOUT THE INSTITUTE



The Thakur College of Engineering & Technology (TCET) was established in academic year 2001-02 with a clear objective of providing quality technical education in tune with international standards and contemporary global requirements. The College is recognized by All India Council for Technical Education (AICTE) & Govt. of Maharashtra and is affiliated to the University of Mumbai (UOM). All the courses at the U.G. level, eligible for accreditation in

2011 i.e. Electronics & Telecommunication (EXTC), Information Technology, IT and Computer Engineering (CMPN) were accredited by NBA for three years w.e.f. 16.9.2011. Moreover, these programmes are also given permanent affiliation w.e.f. A.Y. 2015-16 onwards.

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

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

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

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

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



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



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

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.)

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

#### UNDERGRADUATE COURSES (B.E. DEGREE)

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

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

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

### DEPARTMENTS

- Electronics & Telecommunication Engineering (EXTC)
- Computer Engineering (CMPN)
- Information Technology (IT)
- Electronics Engineering (ETRX)
- Mechanical Engineering (MECH)
- Civil Engineering (CivillVIL)
- Humanities & Sciences (H&S)

### AN INSTITUTE WITH A DIFFERENCE...

- Where we believe that education should stimulate the minds of the young and inflame their intellect
- Where global citizens of tomorrow are groomed by dedicated and trained faculty in a state-of-art infrastructure
- Where the focus is on teaching not just to make a living but how to make a life!
- Where there is symbiosis of technological development and human values



### THIS IS EVIDENT IN...

- The Management's concern and commitment towards society, to establish a world-class technical institute dedicated to quality education.
- Consistent institutional growth in respect to student intake, faculty, infrastructural, facilities, etc.
- Student's extra-ordinary performance at University examination
- Campus placement is almost 100% for eligible students

- Increase in number of students planning higher studies
- Organisation of successful national and international level events
- Industrial connection through Industry - Institute interface



### KEY INITIATIVES

- Effective implementation of ISO 9001: 2008 based Quality Management System (QMS)
- Conduct of University curriculum with full effectiveness and performance monitoring
- Mock test conduct to boost confidence and performance in campus placement
- Extra lectures / remedial work for academic performance and enhancement
- Emphasis on extra-curricular and co-curricular activities for overall growth of personality



### BEST PRACTICES (STUDENT CENTRIC)

- 1) Academic delivery as per the curriculum of UOM with 100% syllabus coverage.
- 2) Teacher-Guardian scheme - To mentor and guide the students for their professional and social growth.
- 3) Local Industrial Visit - To expose the student to industrial work environment.
- 4) Technical Seminar - To fill-up the gap and cover the contents beyond syllabus.
- 5) Motivation to participate in academic events - To broaden the knowledge base.







- 6) Expert lectures by eminent guest faculty members.
- 7) Resource Books - provided to bring about uniformity, efficiency and effectiveness in the teaching- learning process.
- 8) General English Proficiency Training (GEPT) - to enhance communication skills and bring about overall personality development.



- 9) Practice Sessions - to give hands-on experience in question paper solving to achieve better results.
- 10) Mini project implementation at S.E and T.E level-For encouraging the students with engineering practises and to prepare the foundation for final year B.E.

- 11) Participation in project competition at University, national and international level leading to the inculcation of R&D culture with perspective of B.E. programme.
- 12) Quality BE projects as per industry standard to make student ready for industry.



- 13) Student Development Programme (SDP)- Training to bridge the gap between curriculum and industry requirements.
- 14) Training / workshop / seminars / conference- To update students with the current trends and emerging challenges and also to improve their skills for technical writing.

- 15) Quality improvement programmes and R&D activities-To nurture professional growth of students with creative and innovative mind which will prepare the mind set of students for life long learning.

# WHY TCET?

## ACADEMIC

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

## FACULTY

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

## Student's Training

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

## Key Facilities

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

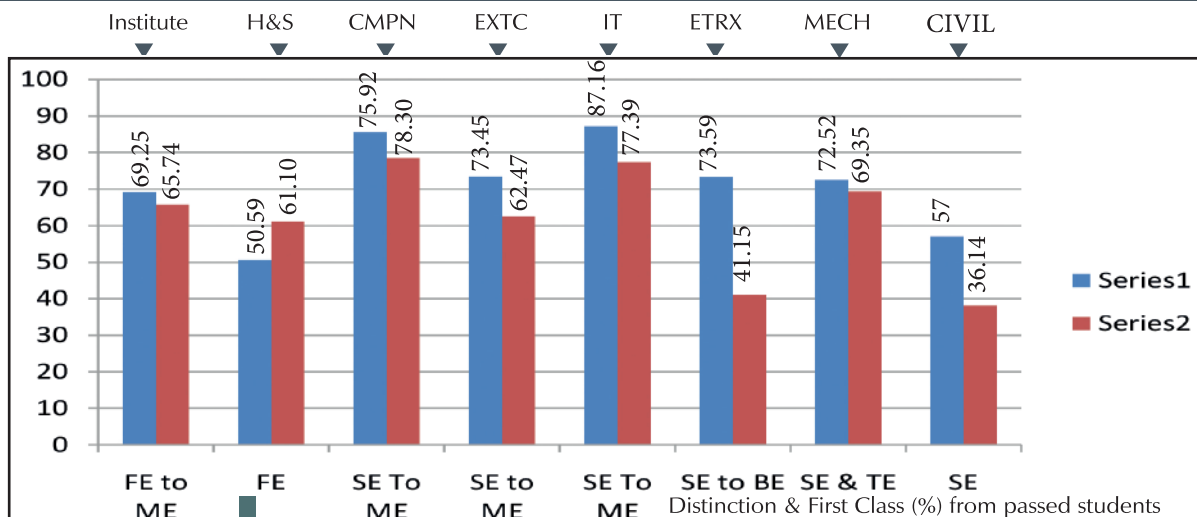
## INFRASTRUCTURE AT A GLANCE

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

## TCET ACADEMIC TOPPERS (A.Y. 2016-17)

Branch	Name of the Student	GPA/CGPI	Year
First Year Engineering (BE)	Mr. Jaiswal Swapnil Neeraj Chhaya	9.48 GPA	May 2016
Computer Engineering (BE)	Mr. Shah Akash Amritlal Rupa	9.70 (CGPI)	May-2016
Electronics & Telecommunication Engineering (BE)	Mr. Sahu Narayan Gorakh Prasad	9.06 (CGPI)	May-2016
Information & Technology (BE)	Ms. Suvarna Divya Giridhar Prabha	9.17 (CGPI)	May-2016
Electronics Engineering (BE)	Mr. Umrigar Arshis Rumi Navaz	8.78 (CGPI)	May-2016
Mechanical Engineering (BE)	Mr. Vishwakarma Sumeet Anurag Usha	8.78 (CGPI)	May-2016
<b>M.E. Toppers</b>			
Computer Engineering (ME)	Ms. Priyanka H.G. Shaila	SGPA 8.91	May-2016
Electronics & Telecommunication Engineering (ME)	Mr. Soparkar Shafaque N.	SGPA 9.59	May-2016
Information & Technology (ME)	Mr. Harshawardhan U.	SGPA 8.55	May 2016

### INSTITUTE & DEPARTMENT RESULT - MAY 2015



## COMPETITIVE EXAMS

- Large no. of students appear for competitive examination viz. GMAT / GRE / TOFEL / GATE / CET (M) for higher studies
- Around 20% qualify in competitive examinations viz. GMAT/ GRE/TOFEL/ GATE/CET CAT
- Students are encouraged for such examination by organizing seminars/ workshops by the professionals from reputed training institutes
- Every academic year such 4-5 programmes are arranged

## IMPORTANT TRAINING ACTIVITIES

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

## PLACEMENT

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

At present more than 70 companies are visiting for campus recruitment every year and almost all eligible students are placed through campus. Special efforts are also taken to place the non-eligible students.

## LEARNING RESOURCE CENTRE (LRC) CENTRAL LIBRARY

Learning Resource Centre (Central library) is located on 4th floor of the College building with 840 Sq. m. built area. LRC is highly modular. Mr. Devidas Kalwale is the Librarian and looks after the development of the library. Library is running for 12 hrs (8:00 am to 8:00 pm) on office working days (Mon-Fri). Additional seating arrangement is also done on demand during term-test, semester end examination.

### HIGHLIGHTS:

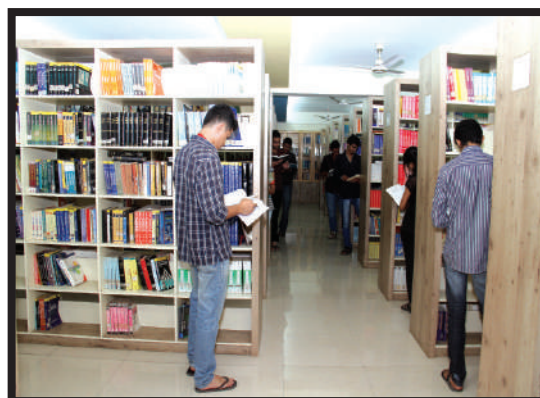
- Text Books - more than 25,000
- References book - more than 2100
- Magazines - more than 14
- Printed Journals - more than 81
- Added 2928 new books (upto May 2016) in A.Y. 2015-16

### 8 E-Journals Data bases:

- IEEE-All Society periodicals Package - 169 Journals
- McGraw Hill-Access Engg. Library - e-books
- ASME-Mechanical Engineering 27 Journals
- Elsevier-Science Direct - 275 Journals
- ASTM Digital Library - 17000 articles from 8 journals and 1500 + e-books
- ASCE-Civil Engg - 35 Journal new
- Springer Electrical, Electronics & CMPN-149 Journals
- J-Gate - Engineering & Technology-4700 indexed & 1700 free full text
- Book Bank Facility for economically backward students with more than 2110 books
- Department Library with average 500 books and 500 project reports
- Organized 2 training programmes of e-resources for faculty members. Book Exhibition for students and faculty
- Organized 2 national conferences for Library professional

### KEY FACILITIES:

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



# MARCHING TOWARDS EXCELLENCE..



**A.Y. 2016-17**

• Approved for **IEDC Grant** from the Department of Science & Technology, Government of India for the year 2016-2020

**A.Y. 2015-16**

• **Permanent affiliation** of 3 UG programmes - CMPN, EXTC, IT w.e.f. A.Y. 2015-16  
• **NBA Accreditation** of four UG programmes - CMPN, EXTC, IT & ETRX for two years with an extension one years w.e.f. 1st July 2016 • The first Institute from Maharashtra to win the Indian Merchants Chamber's **IMC-RBNQA Award in Education Category**  
• Received a trophy from **Higher Education Summit 2015 for Excellence in Education initiative** • Recognized for **outstanding contribution** towards **Infosys Campus Connect**

**A.Y. 2014-15**

• Establishment of **Ph.D. Research Centre of UoM** • **3<sup>rd</sup> re-certification** of ISO 9001:2008 • Recognized by AICTE-CII survey as an Institute '**Meeting National Industry Standard**' • Member of CII - Education Excellence Forum  
• **Best Debutant Award** for **E-Week - India 2015** of NEN

**A.Y. 2013-14**

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

**A.Y. 2012-13**

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

**A.Y. 2011-12**

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

**A.Y. 2009-10**

• Up-gradation from **ISO 9001:2000 to ISO 9001:2008** • BEQET-NCQM Quality Award in Exam Results - **IInd Prize** • Starting of International Conference & Workshop as a yearly event - **ICWET as First Edition**

**A.Y. 2008-09**

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

**A.Y. 2006-07**

U.G. Intake increased to **360**

**A.Y. 2005-06**

**ISO 9001:2000** Certification

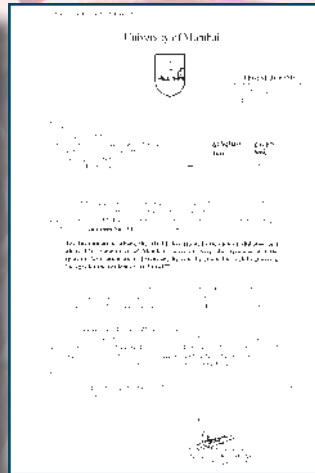
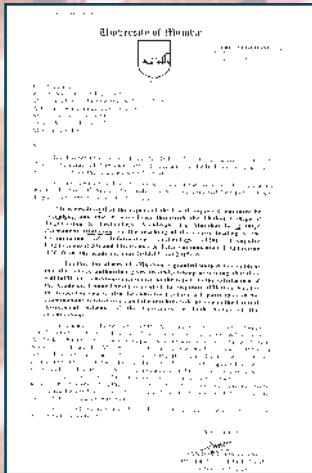
**A.Y. 2003-04**

U.G. Intake increased to **300**

**A.Y. 2001-02**

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

# TCET INSTITUTE RECOGNITION



# TCET INSTITUTE RECOGNITION







Annual Report 2016-17

# Annual Report 2016-17

“There is no royal road to anything. One thing at a time, all things in succession. That which grows fast, withers as rapidly. That which grows slowly, endures”

Thakur College of Engineering & Technology (TCET), established in academic year 2001-02 has been successful in standing to the above said quote by becoming one of the most talked-about institute in the suburbs not only for its splendid infrastructure but even for its perseverance, patience and unshakable determination to emerge as “Number one” in diverse fields.

The academic year of 2016-2017 which began on a sprawling high note, witnessed the college winning several accolades not only in the field of academia but also in cultural, social, co-curricular, extra-curricular and humanitarian sectors.

All this wouldn't have been possible without the sheer determination and perseverance of the faculty, students and alumni and the unconditional support and guidance extended by the stake holders of different firms, institutes and society.

## **STUDENT DEVELOPMENT PROGRAMME (SDP)**

The academic year 2016-2017 began on 11 July 2016 with Student Development Programme. The odd semester commenced with the intake of freshmen. It was accompanied by the launch of academic calendar followed by Student Development Program (SDP), organized during 11 July to 15 July 2016. The second and the third year students of the college were provided with additional training on the recent topics in order to bridge gaps between the curriculum and industry requirements. The programme aimed to give the students an insight into the prerequisites of respective industries and corporate world. Apart from this, various activities such as seminars, workshops by renowned academic professionals, group assignments, mock aptitude and technical tests, feedback sessions were also conducted. This proved to be beneficial for the students. As per the feedback conducted, some of the benefits observed were:

1. Improvement in campus placement.
2. Increase in the number of students qualifying eligibility tests for higher studies.
3. Increased participation of students in technical and cultural activities.
4. Overall personality development.

## **ACADEMIC ORIENTATION PROGRAMME (AOP)**

Semester Orientation Programme (SOP) was conducted for all the students during 20th July 2016 to 22nd July 2016 for even semester. It was at department level aimed at imparting an insight into the upcoming semester. Students were informed about the credits, given a brief about each subject and essential guidance for academics. The orientation sessions were conducted by the faculty

members of the respective departments. The sessions focussed on:

1. Institute Orientation
2. Department Orientation
3. R&D Initiatives and Activities
4. Examination and Evaluation
5. Students Council Activities
6. Training and Placement Activities
7. Higher Education and Online Certification Cell
8. Student and Staff Welfare Activities
9. Academic Orientation (essential Programme and Course Outcomes)

The end result of these sessions indeed turned out to be fruitful as students got their doubts cleared regarding the continuous evaluation process and the academic curriculum of the university and prepared them mentally for the upcoming semester.

## **TCET: AN ALL-ROUNDER TECHNICAL INSTITUTE**

“Education must not simply teach work-it must teach Life”

TCET has been a staunch follower of the above saying. It's pretty evident from the fact that it not only boasts about imparting world class education under one roof but at the same time it ensures overall development of the student by providing the right ambience for inculcating professional and leadership skills among students, thereby ensuring that by the end of the journey of four years, the student becomes ready for the real competitive world waiting for him/ her. TCET has been an all-rounder technical institute. The Students' Council and the Student chapters of different committees were formed during the month of August. Candidature for council members was decided on the basis of their academic performance and rigorous interview sessions, according to the guidelines laid down by the respective professional bodies. The core council was formed by election amongst the council members.

## **CO-& EXTRA- CURRICULAR ACTIVITIES**

Like every year, this year too saw several student activities aimed at enhancing leadership, performance and other skills. Various student activities were organized under different student forums by the respective core committee members under the guidance of faculty in-charges and heads of departments. In-depth particulars regarding the activities can be seen in the report of various councils. The main charge of these events was taken by Faculty in-charges and their team members.

The annual technical symposium, Zephyr-2016 was held in September. The three day tech-fest saw a lot of innovative ideas implemented by truly passionate students of the institute. The annual

inter-college sports meet, Enertia 2017 and the cultural festivals, Sojourn 2017 were organized to provide a platform for the students to showcase their skills and talents.

“A School Shapes Its Students And They Then Shape the School...”

TCET is proud enough to conduct one day Conference on New Initiatives in Apprenticeship Training, which was organized on Thursday, October 20, 2016 by Board of Apprenticeship Training (BOAT), Western Region, Mumbai in association with Thakur College of Engineering and Technology and supported by Board of Practical Training (Eastern Region), Kolkata, BOAT (Northern Region), Kanpur and BOAT (Southern Region), Chennai. The conference was conducted for senior professionals from Industry and Academia. Shri Dr. Mahendra Nath Pandey, Honourable Minister of State in the Ministry of Human Resource Development for Higher Education, Government of India was the Chief Guest of the conference.

It would be an understatement to say that the strength of a college lies in its alumni and TCET strongly understands this. As a tribute to the torchbearers of the culture and traditions of TCET, TCET Alumni Meet is held annually. This year it was held on 24th December, 2016 at TCET Ground Floor. It was conducted with the objective to foster a sense of community among the alumni and to form Alumni Association of TCET with the keen vision to create the platform for lifelong learning.

This year also a Degree Certificate Distribution Ceremony was held in TCET on Feb 18, 2017. The convocation ceremony was held to felicitate all the students who have passed out in A.Y.2015-16.

This year TCET has seen a huge participation in Multicon-W, an international conference and workshops which was organized during 24- 25 February 2017. More than 500 participants took part in the event. Along with the international and national conferences, 2 day workshops were also conducted for in house and outside students. Department of Humanities and Sciences has successfully conducted their second national conference. This year TCET Training and Placement Cell has also organized their first international conference. This year also conference was organized in association with reputed international journals and multinational organizations with an objective to attain new horizons.

The month of February also witnessed the celebration of Marathi Bhasha Divas. Marathi Bhasha Divas celebrated on 27 February 2017, observed an encouraging number of participants come together to celebrate the spirit of Marathi language. It was followed by felicitation of winners in all categories.

Swachh Bharat Abhiyaan was scheduled on 2nd October and was executed in accordance to the plan. It was aimed at promoting cleanliness in the Campus. The cleanliness drive was conducted to clean the area in and around the campus. It witnessed active participation of faculty and students. Many NSS students, TCET extension and staff participated in the cleanliness drive. In order to motivate the students and set an example, the Principal too participated in this drive enthusiastically. The initiative was highly appreciated by the students and everyone agreed to contribute for the cleanliness drive to make INDIA Clean.

As a national responsibility, TCET has also supported the Brihan Mumbai Municipal Corporation in providing the human resource for smooth conduct of BMC Election which was conducted on 21 February 2017.

## **ACADEMIC ACHIEVEMENTS**

Keeping up with the tradition of good performance in the University Examinations, TCET's students once again outperformed its results from last year, with its marvellous results in May 2017 and December 2016 examinations of first year. More details about the institute and departmental Result and Discussions are included in this magazine.

The credit of successful commencement of exams goes to Mr. H. P. Kasturiwale, In-charge Examination and his dedicated and committed team members.

## **TRAINING & PLACEMENT (T&P)**

At the start of the semester, Student Development Programme was conducted during 11 July to 15 July 2016 for second and third year students. The pattern of imparting training before they actually face the placement process was given importance. This year, Pre-Placement Training was conducted on every weekend during the semester on Saturdays. This resulted in more consistent training for the students, increasing overall impact of training. The main objective of the training is to get the students acquainted with the practical world, before their take off in the corporate world. The training was conducted to make the students well prepared on what is expected from them as professionals. It is indeed considered to be one of the most vital parts for shaping a student's career. The Infosys Campus Connect Programme was also conducted from 20th June 2016 to 16th July 2016 in collaboration with the Infosys software company.

Faculty members have also been provided with training this year by conducting Two Week Short Term Training Programme on Basics of Software Development, Programming Skills, Relational Databases and Soft Skills Development from 19th to 31st December 2016 by Infosys trained faculty for TCET faculty members of all departments. This programme helped faculty to conduct training for students. It was conducted to increase the number of faculty trainers for Infosys campus connect Foundation Programme. It aimed to provide industry oriented training to Faculty members which will help them to motivate and train students which will help them during campus recruitment process.

Training and Placement Cell provides the necessary impetus to launch the students into the real world where cut-throat competition is the order of the day. The industry linkages, professional and at par training has really proved fruitful, it helped in instilling quality professionalism among students. Another major accomplishment for the institute, placement record reflects how promising futures the students are going to have. Thanks to all the team of faculty coordinators of each department and TPO, Mr. Zahir Aalam, whose leadership pushed everybody one step further.

## **QUALITY IMPROVEMENT PROGRAMME (FACULTY)**

Apart from having an excellent platform for student development, TCET also boasts of having diverse opportunities to cater the development and well-being of its highly merited faculty.

Faculty Development Programmes are conducted on a regular basis with an intention of enhancement of soft skills, leadership, domain- knowledge, delivery skills, project skills and pedagogy. The Faculty Development Programme was conducted by FDP committee which was attended by all faculty members. The faculty development programme was conducted from 8th June to 10th June on Academic Excellence and Resource book.

The HOD meet was conducted for the first time on 21 December 2016 in order to increase the interaction between heads of departments of all institutes in and around Mumbai. This helps in overall development of institutes and departments. Policy decisions regarding the administration are taken through consensus. Quality of question papers, results, coverage of syllabus, examination, research papers and innovative teaching learning process are some of the issues discussed in the meeting.

The institute also encourages faculty to pursue higher studies. Also, a large number of technical and research papers have been published by the faculty in national and international journals and conference meetings. Another remarkable facility is the resource books provided for first year and second year students.

### **WOMEN'S DEVELOPMENT CELL (WDC)**

The Women's Development Cell (WDC) works for the protection of women's rights and it is formed as per guidelines of Mumbai University. Ms. Poorva Waigankar is the faculty in-charge for activities conducted in the cell, in association with Swadhar NGO, Goregaon. It celebrated Women's Day on 8 March 2017 by organizing a get together for female members of the institute.

### **ENTREPRENEURSHIP DEVELOPMENT CELL (E-Cell)**

After bagging the "Best Debutant" award at the NEN at national level in the year 2015, the Entrepreneurship Cell (E-Cell) returned with yet another bigger and extraordinary event in this academic year. The E-cell at TCET, recognized as a part of elite institutions in India aims at fostering the spirit of entrepreneurship amongst students and providing a supportive platform for the young aspiring entrepreneurs. It motivates the students to work on research based projects, which can be shaped to commercial products in near future.

### **FUTURE PLANS**

TCET will continue with its existing trend of making a mark in every field and will achieve many more milestones in the future.

# DEPARTMENT REPORT 2016-17

## DEPARTMENTAL ACTIVITIES OF H & S

Sr. No.	Description	Responsible Faculty	Date of Event	Participants
1	Syllabus orientation about all subjects	All Faculties	28th July to 6th August	All faculties F.E.
2	3 days Examiners training of staff for IMC Ramakrishna Bajaj national quality award	HOI	29th July - 1st August	Dr. Rajni Bahuguna, Dr. Poonam Ojha, Dr. Vivek Mishra
3	Seminar on IPR and introduction to band applications	Dean SSW, Mr. Amol Sapkal, Dr. Sandhya Maheshwari	30th July	All faculties F.E.
4	Orientation of the FE Students(SOP)	F.E. In charge, Dy. In charge, Coordinators, SOP committee members	1st -7th August	All faculties F.E. and 450 students
5	Principal address to the FE students	F.E. In charge, Dy. In charge, Coordinators and Class In charges	5th August	All faculties F.E. and 450 students
6	Principal address to the Parents	F.E. In charge, Dy. In charge, Coordinators and Class In charges	6th August	All faculties F.E. and parents of 450 students
7	Induction training program for new appointed teachers	Principal, MR and HOD	8th August	All HOD and newly inducted teachers
8	Dean Academics, R&D and SSW address to the students	F.E. In charge, Dy. In charge, Coordinators and Class In charges	16th August	All faculties F.E. and 696 students
9	Extra lecture for late admitted students Of FE	F.E. In charge, Dy. In charge, Coordinators, All Subject In charges	18th – 20th August	Approx. 70 students
10	Address of Core Dept. heads and F.E. In charge to F.E students	F.E. In charge, Dy. In charge, Coordinators	19th August	All class In charges
11	Subject orientation for late admitted students	F.E. In charge, Dy. In charge, Coordinators	20th August	All subject In charges

12	Get together of Hostel students with newly admitted students	Principal, Dr.Vivek Mishra, Dr. Rajni Bahuguna	31st August	All hostel students
13	Advisory committee meet for the dept	Dr. Poonam Ojha, Mr. Rohit Singh and Dr. Rajni Bahuguna	3rd Sept.	All F.E faculties more than 8 years of experience
14	ISTE enrolment for first year students	Mr.Rohit Singh, Dr.Kiran Sanap, Dr,Neha Mishra	3rd September	Approx. 400 students.
15	Teachers day celebration	All concerned committee members	3rd September	All Faculty members
16	TCET MUN	Mr. Amol Dapkekar & Dr. Poonam Ojha	16th-18th Sept.	All interested students
17	Zephyr 2016	All concerned committee members	23rd Sep to 2nd oct	All interested students
18	Extra lecture planned and conducted for second year diploma students of AM III and KT students of AM IV	Dr.Vivek Mishra, Mrs. Mukul Bhatt,Dr. Nita Jain, Mr. Yogesh Bhalekar, Dr. Vinita Agarwal, Dr. Satish Singh, Dr. Sandhya Maheshwari, Mr. Sagar Parekh	29th Sept to 1st Oct	Concerned students
19	Dental checkup camp and seminar on varicose veins	WDC team	30th Sept.	All faculty members
20	Workshop on self defense	WDC team	1st Oct	All female faculty members
21	Parents Teacher meeting with F.E. In charge and faculty	F.E. In charge, Dy. In charge, Coordinators and Class In charges	15th October	All Teacher Guardians



22	STTP on Basics of Software Development, Programming Skills, Relational Database and Soft Skills Development	Dr.Vivek Mishra, Dr. Rajni Bahuguna, Dr. Nita Jain, Dr. Poonam Ojha, Mr. Amol Dapkekar	19th Dec. to 31st Dec.	All faculty members
23	First HOD Meet	F.E. In charge, Dy. In charge, Coordinators and all senior & CS faculty members	21st Dec.	HODs and Representatives from different institutes
24	Industrial visit	Mr.Rohit Kumar singh, Dr. Rajni Bahuguna, Dr Poonam Ojha, Mr.Ashwin Pathak, Dr. kiran Sanap, Ms. Sonali Singh, Ms.Vidyadharisingh, Mr.Mukesh Singh, Mr. Udayvaskar	3/01/2017 to 11/01/2017	Two Groups of 171 FE students, 11 Staff members and 6 members of ISTE core committee
25	Programme officer training at Ahmednagar	Dr.Sunita Pachori, Dr.Satish singh	5/01/2017 to 11/01/2017	2 Faculties Of H&S Dept.
26	Semester orientation Programme	F.E. In charge, Dy. In charges, Coordinators, Dr. Sandhya Maheshwari, Dr. Vinita Agrawal and Time table committee member	11/1/2017 to 13/01/2017	F.E. students
27	Principal address	F.E. In charge, Dy. In charges, Coordinators	11/1/2017	FE students
28	NSS residential Camp	F.E. In charge, Dy. In charge, Coordinators and NSS Programme and Dy. Programme officer	19/01/2017to 25/01/2017	75 NSS volunteer + 12 NSS student's council Member + 15 Staff members
29	UDAAN Competition	Dr. Ela Agarkar & Mr. Ashwin Pathak	23/01/2017	20 EWT Volunteers + 2 Staff Members

30	Faculties sports day celebration	F.E. In charge, Dy. In charge, Coordinators and Mentors	27/01/2017	All staff members of H&S Department
31	ISTE Seminar- Introduction to Research Environment	Mr. Rohitkumar Singh, Dr. Kiran Sanap, Dr. Neha Mishra	02/02/2017	ISTE Student Members
32	General English Proficiency Training	Mr. Amol Dapkekar, Mr. Bhim Kunte, Ms. Jyoti Vanawe, Ms. Priya Pawaskar, Mr. Mushtak Shaikh	04/02/2017	F.E. Students
33	Multicon W-2017	All Staff of Humanities & Sciences	24/02/2017 – 25/02/2017	Delegates from various Institutes and students
34	Departmental Advisory Committee Meeting	F.E. In charge, Dy. In charge, Coordinators	04/03/2017	Dr. Vivek Mishra, Mr. Rohitkumar Singh, Dr. Sunita Pachori, Mr. Yogesh Bhalekar, Mr. Krishnakant Mishra, Mrs. Mukul Bhatt, Dr. Nita Jian, Dr. Rajni Bahuguna, Dr. I.A. Shaikh, Ms. Sundari Prabhavati
35	Inertia	Mr. Sagar Parekh, Dr. Kiran Sanap, Mr. Vipin Kallingal	07/03/2017 – 09/03/2017	Students
36	Mid Semester Review Meeting	Dean Academics, F.E. In charge, Dy. In charge	08/03/2017	All HODs & Dep. HODst

## DEPARTMENTAL ACTIVITIES OF COMPUTER ENGINEERING

Sr. No.	Description	Date of event	Participants
1.	Zephyr-16	30th September-2nd October 2016	All Students
2.	Webchamps	21st October 2016	S.E & T.E CMPN
3.	CSI Industrial Visit (Delhi – Amritsar – Chandigarh)	3rd Jan 2017 – 11th Jan 2017	S.E & T.E CMPN Total student went for IV = 62
4.	Semester Orientation Programme	11th Jan 2017 to 13th Jan 2017	All Students
5.	Seminar on opportunities outside India & Visa Process	12th Jan 2017	TE Students
6.	Foundation Programme	16th Jan 2017 to 21st Jan 2017	All Students
7.	NSS Residential Programme	19th Jan 2017 to 25th Jan 2017	NSS Students
8.	SE Subject Presentation & TE Technology Presentation	20th Jan 2017	SE & TE Students
9.	Faculty Sports day	27th Jan 2017	All Faculty
10.	T' Spark – '17	30th Jan to 3rd Feb 2017	All Students
11.	Technical Seminar	3rd Feb to 4th Feb	S.E ( A & B ) = 141 S.E ( A & B ) = 124 S.E ( A & B ) = 14
12.	Hackathon Competition	3rd February 2017	All Students
13.	Parents' Meeting	4th February 2017	All Parents
14.	Seminar on placement in product companies	12th February 2017	SE / TE Students
15.	Seminar on Startups	12th February 2017	TE Students
16.	C Programming Contest by SEED Infotech	17th February 2017	SE Students = 36
17.	Seminar on Codechef – Competitive Programming	18th February 2017	FE Students = 40
18.	Workshop on Meteor and MongoDB	18th February 2017	SE Students = 11 TE Students = 11
19.	Workshop on GIT Version Control	22nd February 2017	
20.	ICCCV Conference	24th Feb to 25th Feb	Total Papers Presented = 157
21.	Technical Debate Competition	10th March 2017	S.E & T.E CMPN
22.	Technical Quiz	24th March 2017	S.E & T.E CMPN
23.	Project Competition-Zeigen	1st April 2017	B.E. CMPN

## DEPARTMENTAL ACTIVITIES OF ELECTRONICS & TELECOMMUNICATION ENGINEERING

Sr. No.	NAME OF EVENT	DATESt	SPEAKER/ ORGANIZER	ORGANIZED FOR	NO. OF PARTICIPANTS	NO. OF GROUPS
1.	Step into the world of technology. (Project Activity)	5th August 2016	IEEE core committee and judged by Subject teachers	SE EXTC And TE EXTC	70	11
2.	Finding small scale industries.	5th August 2016	IEEE core committee and Subject teachers	SE EXTC	120	30
3.	Scilab workshop	20th August, 2016	Dr. Lochan Jolly.	SE EXTC	30	-
4.	Haptics Workshop	2nd and 3rd	IEEE core committee in collaboration with Robokarts	SE and TE EXTC	56	12
5.	Industrial Visit (IV)	3rd – 11th January, 2017	EXTC Faculty, IEEE Core Committee and Ashish Tours and Travels	SE and TE EXTC	114	-
6.	MULTICON'17 Arduino Workshop	24th and 25th February, 2017	Dr. Lochan Jolly, Dr. Sangeeta Mishra, Mr. Yogesh Kumar and TE students	SE EXTC	35	7
7.	IOT	3rd March, 2017	IEEE Core Committee and Dr. Lochan Jolly.	SE and TE EXTC	71	-

Sr. No.	NAME OF EVENT	DATESt	SPEAKER/ ORGANIZER	ORGANIZED FOR	NO. OF PARTICIP-ANTS	NO. OF GROUPS
8.	VISUAL T-CAD	4th March, 2017	IEEE Core Committee, Dr. Lochan, Mr. Deepak Sinha and Ms. Parita Mehta (M.E Student)	SE and TE EXTC and ETRX	58	-
9.	Eduvance	24th March, 2017.	EXTC Department and IEEE Core Committee	SE and TE EXTC	33	-
10.	IELTS Seminar (British Council)	24th March, 2017.	HOC Cell and IEEE Core Committee	All students of TCET	56	-
11.	Hackathon '17	31st March, 2017	Dr. Lochan Jolly and EXTC Department	EXTC Students	24	4
12	IC The Future	31st March, 2017	IEEE Core Committee and EXTC Department	SE EXTC	144	28



## DEPARTMENTAL ACTIVITIES OF INFORMATION AND TECHNOLOGY

SR. NO	INDUSTRIAL VISIT/SEMINAR/WORKSHOP	CLASS	ORGANIZER/COORDINATOR/STAFF ATTENDED	DATE/TIME	TOTAL NO OF STUDENT ATTENDED
1	Seminar on Higher study	TE	GEEBEE classes (Mr. Kapil Dedhia)	27/09/2016	80+
2	Workshop on c#.net	SE	Mr. Rahul Neve		50
3	Industrial visit to Cochin, Munnar, Allepy	TE & SE	ACM chapter- Mr.Rahul Neve	02/01/2017	147
4	Industrial visit to govardhan village	TE & SE	ACM chapter- Mr.Rahul Neve	10/03/2017	100+
5	Seminar on Higher study	SE & TE	GEEBEE classes (Mr. Kapil Dedhia)		80+
6	Workshop on ADO.net	SE	Mr.Rahul Neve	24/03/2017	40
7	Mini project compition	SE & TE	ACM Chapter	April 2017	-



## DEPARTMENTAL ACTIVITIES OF ELECTRONICS ENGINEERING (ETRX)

Sr. No.	Industrial Visit/ Seminar/ Workshop	Class/ Department	Organizer/ coordinator/ Staff Attended	Date/ Time	Total No. of Students Attended
1	Mini Project Exhibition – I	TE	IETE Students' Chapter	21st October 2016	75
2	Industrial visit to Kerala	SE & TE	IETE Students' Chapter	3rd January – 11th January	80
3	Industrial Visit to Supersonics - Ultrasonic cleaning System (Goregaon - West)	SE & TE	ETRX department	10th March 2017	20
4	Mini Project Exhibition – II	TE	IETE Students' Chapter	7th April 2017	73
5	Seminar on cyber security	TE	ETRX department	3rd February 2017	70
6	Certification Bridge Course of Arduino	TE	IETE Students' Chapter, in collaboration Eduvance	24th March 2017	73
7	Certification Bridge Course of PCB Designing	SE	IETE Students' Chapter, in collaboration Eduvance	24th March 2017	70
8	Seminar on Big Data	Electronics Department	IETE Students' Chapter, Seed Infotech	10th February 2017	50

## DEPARTMENTAL ACTIVITIES OF MECHANICAL ENGINEERING

Sr.	Industrial Visit/ Seminar/ Workshop	Responsible Faculty	Date of Event	Participants
1	Industry Visit to Reliance power plant, Dahanu	Mr. Iqbal Mujawar Mr. Anil Bisaria	21-10-2016	40 students of BE Mechanical
2	Industry Visit to Jindal Steels, Raigad	ASME Chapter Mr. Pawan Tiwari Mr. Anil Bisaria	26-10-2016	37 students of TE Mechanical
3	Tcet Zephyr'16	ASME chapter	1,2,3 Oct,2016	800+ Participated in 8 technical events of ASME only conducted in ZEPHYR
4	Industry Visit to Chandigarh-Amritsar-Delhi(Mechanical Engineering Department)	ASME Chapter Mr. Krishna Gaikwad	03/01/2017 TO 11/01/2017	141 Students of S.E,T.E. of Mechanical Engineering
5	Seminar on Mechanical Vibration	ASME Chapter Mrs. Neha Chavan Mrs Nikita Gawai Mr. Sagar Saigaonkar	02-02-2017	Students of T.E. of Mechanical Engineering
6	Seminar on OTIS elevator System	ASME Chapter	2-2-2017	ASME student Members
7	Technical Seminar on power plant engineering	Mrs. Neha Chavan Mrs Nikita Gawai Mr. Sagar Saigaonkar	10-02-2017	Students of S.E. Mechanical Engineering



Sr.	Industrial Visit/ Seminar/ Workshop	Responsible Faculty	Date of Event	Participants
8	Technical Seminar on Productivity Improvement in Transportation Systems	Mrs. Neha Chavan Mrs Nikita Gawai Mr. Sagar Saigaonkar	10-02-2017	Students of B.E. Mechanical Engineering
9	Industry Visit to Hindalco Ltd, Taloja MIDC	Mr Krishna Gaikwad, Mr Mahendra Shelar	10-03-2017	58 students of SE Mechanical
10	HPVC GROUP	Saurabh Vaidya (ASME sponsorhead) Mr. Mahendra Shelar	2-03-2017 TO 8-03-2017	Omkar Potdar, Deep Vira, Siddhesh Ghuge, Saurabh Vaidya, Kanishq Verma
11	“EXALT” Mini Project Exhibition	ASME Chapter, Mr. Shanmughrajan, Mr. Krishna Gaikwad	31-03-2017	Students of S.E,T.E. of Mechanical Engineering
12	“MECHON” E-Magazine	Mr. Krishna Gaikwad Mr. Pawan Tiwari	7-04-2017	Editorial Team: Saurabh Vaidya, Neha Newaskar, Vishal Gupta, Aditya Tantri, Sudhir Chaudhary, Snehal Tiwary

## DEPARTMENTAL ACTIVITIES OF CIVIL ENGINEERING

Sr. No.	Activity / Seminar Conducted	Date	Participants	Compliance
1	Industrial visit for Faculty to Mahananda Dairy, Goregaon – east, Mumbai	04/06/2016	Faculty	All USSC Faculty Attended
2	Student Development Programme	11/07/2016 To 15/07/2016	S.E & T.E Students	Conducted & Completed
3	Parents Meeting and Student record Updation	14/07/2016 To 16/07/2016	S.E & T.E Students	Conducted & Completed
4	FDP - Engineering Geology (Theory and Practices) at AIKTC College, New Panvel	15/07/2016 To 16/07/2016	Faculty – Ms. Ashwini Shanbhaug (Asst. Professor)	Attended
5	SOP	20/07/2016 To 22/07/2016	S.E & T.E Students	Conducted & Completed
6	Seminar on Auto steel and Auto scan	29/07/2016	T.E Students	Conducted & Completed
7	Opportunities for providing Excellence and Expanding knowledge of Civil Engg. through ASCE	05/08/2016	S.E & T.E Students  Speaker- Mr. Ravindra Ring Shah & Mr. Tejas Sura.	Conducted & Completed

Sr. No.	Activity / Seminar Conducted	Date	Participants	Compliance
8	Advisory Meeting	03/09/2016	HOD, Deputy HOD, Faculty Member and Delegates from industry	Conducted & Completed
9	Tcet- MUN	16-18/09/2016	S.E & T.E Students	Conducted & Completed
10	Zephyr- 2016	29/09/2016 to 01/10/2016	S.E & T.E Students	Conducted & Completed
11	Survey Project (Plane table survey)	10/10/2016 & 13/10/2016	S.E Students	Conducted & Completed
12	Workshop on Concrete mix design (Ambuja Knowledge Centre; Andheri)	12/10/2016	T.E Students	Conducted & Completed
13	Workshop On Surveying Advance Instruments and Techniques	10/10/2016	S.E & T.E Students	Conducted & Completed
14	Seminar on NDT	14/10/2016	S.E & T.E Students	Conducted & Completed
15	Parents Meeting and Student record updation	15/10/2016	S.E & T.E Students, their parents & Faculties	Conducted & Completed
16	Industrial visit to Chandigarh-Amritsar-Delhi	02/01/2017 to 10/01/2017	S.E & T.E Students	Conducted & Completed

Sr. No.	Activity / Seminar Conducted	Date	Participants	Compliance
17	FDP - National water convection 2017 Nexus at BSE Mumbai	07/01/2017	Mrs Seema Jagtap	Attended
18	Portfolio Building	13/01/2017	S.E & T.E Students	Collected & in progress
19	FDP – Design and Drawing of Steel structures by using LSM at A. R Kalsekar college, new panvel	20/01/2017 to 21/01/2017	Mr. Nilesh Patil	Attended
20	Hackathon Competition	03/02/2017	S.E & T.E Students	Conducted & Completed
21	Parents Meeting and Student record updation	04/02/2017	S.E & T.E Students, their parents & Faculties	Conducted & Completed
22	Technical seminar On GATE	10/02/2017	S.E & T.E Students	Conducted & Completed
23	Internal Audit	17/02/2017		Conducted & Completed
24	Faculty Sports Day	18/02/2017	All Faculties	Participated and Completed
25	Multicon 2017 In house Technical Presentation	24/02/2007 to 25/02/2017	S.E & T.E Students	Conducted & Completed
26	Local Industrial Visit	03/032017	T.E A- Water Treatment Plant T.E B- Traffic Survey	Conducted & Completed

Sr. No.	Activity / Seminar Conducted	Date	Participants	Compliance
27	Departmental Advisory Meeting	04/03/2017	HOD, Deputy HOD, Faculty Member and Delegates from industry	Conducted & Completed
28	Local Industrial Visit	10/032017	S.E – A, S.E - B RMC Plant, Dahisar.	Conducted & Completed
29	Local Industrial Visit	10/032017	T.E - B Water Treatment Plant. Bhandup. T.E A- Traffic Survey	Conducted & Completed
30	Project Exhibition	31/03/2017	S.E & T.E Students	Conducted & Completed
31	Hackathon Competition	31/03/2017	S.E & T.E Students	Conducted & Completed
32	Parents meeting with Teacher Guardian, students record updation	01/04/2017	S.E & T.E Students, their parents & Faculties	Conducted & Completed
33	Departmental Magazine	07/04/2017	C.O.N.C.R.E.T.E Core committee	Complete and published

# SECTIONS' REPORT

## EXAMINATION CELL

Examination cell is treated as a backbone of academic activity. Major activities include: continuous evaluation of the student by conducting term test, conduction of semester end exam on behalf of University, evaluation of answer books, publication of Result and Discussions, activity post to Result and Discussion publication such as grievance redressal, Result and Discussion analysis etc. SWOT analysis is carried out for the academic Result and Discussions with major findings. Corrective/preventive actions are initiated in order to improve academic performance of the student and their eligibility for the campus placement / higher studies. In addition, they are also responsible for issuing various academic documents to students viz. mark sheet, course completion certificate, issue of transcript etc.

Various activities conducted during the academic year 2016-17 are as follows:

Sr. No.	Activity	Schedule		Highlights
		Odd semester	Even Semester	
1	Eligibility Generation	–	15/07/2017 to 10/08/2017 (tentatives)	Gets ready within 3-4 days after declaration of Result and Discussions and done as per the schedule
2.	Examination Form Submission	15.07.16 to 10.08.16 (without fine)	01.10.16 to 30.01.17 (without fine)	As per the University Guidelines. Almost all students submitted the exam forms to the Institute.
		11.08.16 to 30.08.16 (with Rs.100/- fine)	31.01.16 to 15.02.2017 (with Rs.100/- fine)	
		31.08.2016 to 05.09.2016 (with Rs.500/- fine)	16.02.2016 to 26.02.2017 (with Rs.500/- fine)	
3.	Term Test I/II Re-test	29.08.2016 to 31.08.2016	28.02.2017 to 02.03.2017	Smooth & Fair Conduction and Result and Discussion declaration as per institution Guidelines as a part of continuous evaluation.
		17.10.2016 to 19.10.2016	10.04.2017 to 12.04.2017	
4.	Term Work Submission	26.10.2016 27.10.2016	18.04.2017 to 19.04.2017 to	Almost all eligible students submitted the term work and term was granted

Sr. No.	Activity	Schedule		Highlights
		Odd semester	Even Semester	
5.	Conduction of Oral/ Practical /theory Examinations	02.11 2016 to 02.01.2017	23.04.2017 to 15.06.2017	Smooth & Fair Conduction
6.	Assessment/ Moderation of Answer Books/Result and Discussion publication (S. E. & T. E.)	23.11.2016 to 07.03.2017	–	Applicable for SE & TE Result and Discussions for regular as well as ATKT examination.
7.	Result and Discussion Analysis	01.02.2017 to 20.03.2017	Likely to be in August September	Comparative Overall Result and Discussion, Subject-wise Result and Discussion Analysis and Toppers List.
8.	Issue of Photocopy of Answer Books/ revaluation Result and Discussions	02.02.2017 to 29.03.2017	Likely to be in August-September	Within 30 days after receipt of applications. It was completed in time during odd semester.
9	Result and Discussion related documents	On Demand	On Demand	Documentation processing takes minimum 3 working days.
10	Correspondence with UOM	Regular Basis	Regular Basis	Correspondence related to examination students grievances and their redressal.

## TRAINING & PLACEMENT CELL

### 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 challenges

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, 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:** It prepares students for professional career (at corporate) after successful completion of 4 years of Engineering.
- **Infosys Campus Connect Programme:** It is three weeks dedicated programme which facilitates students with soft skills and the software engineering knowledge as required for IT industry.
- **Industrial Visit:** Industrial Visits are organized to familiarize students with industrial environment and understand real life practices, concepts and processes as they are likely to work as a professional after completing their course successfully.
- **Pre-placement Training Programme:** It is 2 weeks programme conducted for all third year students to make them employable and face various challenges during campus placement & higher studies process by providing them training in aptitude, technical and soft-skills.
- **Internship:** Internship is helpful for suitable industry oriented skill based training for students' professional careers which are similar in some ways to apprenticeships for trade and vocational jobs. This would help students to understand the working environment of the organization.
- **Outhouse Project:** It provides an industrial exposure to final year students for their project works as well as to develop their career in high tech industrial requirements. Companies give students the opportunity to emerge out with their interest in various streams and enhance implementation of basic concepts in their domains
- **ZenSar Employability Skills Development Programme:** It is 6 weeks programme which provides Green Channel Placement at no cost for pre-final & final year students towards better readiness for the IT industry. The programme focuses on technical and soft skills.

#### 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

No. of Students Placed	2013-2014	2014-2015	2015-2016	2016-2017*
Total no of Students admitted in final year	517	557	657	655
No. of students opted for Higher studies	74	109	150	164
Total no. of Students interested in placement	443	448	507	491
Total no. of students eligible	362	342	415	402
Total no. of students placed	309	324	293	308
No. of Companies Visited	55	75	70	37
Percentage	2013-2014	2014-2015	2015-2016	2016-2017*
Out of total	70%	73%	58%	63%
Out of eligible	83%	95%	71%	77%
Salary Package in ₹. LPA #	2013-2014	2014-2015	2015-2016*	2016-2017*
Maximum	5	5.7	7.00	12.50
Minimum	1.7	1.44	2.00	2.20
Average	3.25	3.23	3.33	2.90

\* Placement in progress # Does not include Incentives

#### Training and Placement Team

Sr. No.	Name of the Faculty	Position	Department
1	Mr. Zahir Aalam	Associate Professor & Training and Placement Officer	IT
2	Ms. Rupali Mane	Assistant Professor & Training and Placement Coordinator	EXTC
3	Mr. Namdev Badhe	Assistant Professor & Training and Placement Coordinator	IT
4	Mr. Amol Dapkekar	Assistant Professor & Training and Placement Coordinator	H&S
5	Mr. Aaditya Desai	Assistant Professor & Training and Placement Coordinator	IT
6	Ms. Harshala Yadav	Assistant Professor & Training and Placement Coordinator	CMPN
7	Ms. Neha Chauhan	Assistant Professor & Training and Placement Coordinator	MECH
8	Ms. Sonal Barvey	Assistant Professor & Training and Placement Coordinator	ETRX
9	Mr. Darshan Mali	Lecturer & Training and Placement Coordinator	CIVIL
10	Mr. Anil Bisaria	Instructor & Training and Placement Coordinator	MECH
11	Mr. Rajesh Singh	Clerk	Admin
12	Ms. Rutuja Arondekar	Jr. Clerk	Admin

## R&D CELL ACTIVITIES

### Infrastructure Development

Innovation and Entrepreneurship development cell is established as per the guideline of Department of Science and technology, Government of India.

Achievement of students:

1. Two teams are selected for Hackthone 2017 at National Level. Detail in Table 3.6.2
2. Dr. A.P.J.AbdulKalam innovation compition was announced by ICT academy Chennai.Where Mr. Kushal Mania, Akash Pujari BE CMPN studnets under the guidance of Mr. AnandKhndare AP, CMPN has been seledted for final round under agritech category.
3. Abhishek Tiwari, Divya Sharma, Milan Tank,Suraj Singh has automated the process of Teacher guardian and now its available in portal format.
4. Ratneshsingh and Neerajjangid has visited Entrepreneurship conclave at Nasik where renowned entrepreneurs like Dr. A Velumali, Thyrocare, Mr. Hanmant Rao Gaikwad Chirman of BVG India Ltd. Were present and guided students for various aspects of start up
5. SagarPathare, AnvayPakhale, Rohit Singh, ChiranjivKaul, Adwait Kandy, of Computer Engineering Depatrment and Ashutoshsingh, Rahul Vishwakarma of IT department were selected for Zonal round of “C” language competition organized by University of Mumbai and SEED Infotech
6. Abhishek Tiwari, Divya Sharma, Milan Tank,Suraj Singh has participated in Project Competition at BhratiVidhyaPith college of Engg., and D.J .Snagvi college of Engineering.  
They also participated at Univesal college of Engineering and Technology in National level Project competition and won 3rd prize
7. “Waste Segregation System For Dumping Sites” is a project undertaken by student Ms. Prachijain ,----- of Information Technology department and selected for Zonal round
8. Western Railway selected a project developed by Ms seems Pandey students of BE EXTC under the guidance of Ms. SukrutiKaulgud for improving signaling system for safety of passengers

### R & D activities

At National level government of India announce a competition for real time problems faced by various ministries under the banner of Hackathon 17 . In this prestigious event following groups took part and suggested solutions for various ministries. Two teams are selected for Zonal competition at Ahmedabad and Chandigarh.

### List of submitted solutions for Hackathon 17

Sr. No.	Topic	Problem Category	Mentor Name	Students Name	Department
1	Attractive website design with innovative ideas	All India Council for Technical Education	Dr. Deven Shah	Aakash Kamble Ankita Jain Om Gothe Shanidev Jaiswar Sreerag Nair Umair Ahmed	Information Technology
2	Creating Incredible India	Ministry of Tourism	Mrs. Purvi Sankhe	Ashwini Nakil Sangita Padshala Shraddha Paghdar Yamisha Svaliya Aishwarya Nair Raj Desai	Information Technology
3	National E-portal for distance learning in skill training in each sector	Ministry of Skill Development & Entrepreneurship	Mr. Bhushan-Nemade	Prachi Jain Prakhar Agarwal Mohitraj Shah Aniket Pathak Aniket Pathak Abhishek Pandey	Information Technology
4	Promoting game and app for North-East India	Ministry of Development Of North Eastern Region (DoNER)	Dr. Kamal Shah	Chanda Jha Ankita Gaud Akash Naik Pooja Mistry Harshal Kale Prathamesh Padwal	Information Technology
5	Personal radiation dosage calculator	Department of Atomic Energy	Mr. Anil Vasoya	Mihir Mehta Ninad Parkar Sneha Poduval Harshit Vadodaria Kshitij Pandey Siddhesh Kadam	Information Technology
6	Gaming App for Elderly people	Department of Science and Technology	Mrs. Neha Kapadia	Tejas Mahajan Akanksha Chand Saurabh Maydeo Raj Asha Meet Gadoya Varun Agarwal	Information Technology
7	Police booth	Department of Road Transport and Railways	Mr. Vijaykumar Yele	Radhika Gokani Riya Parikh Jasmina Ambani Pooja Kammala Manasi Kadam Pranjal Aswani	Information Technology

8	Functioning of school management committee	National Commission for Protection of Child Rights	Mrs. Vidyadhari Singh	Ishita Gupta AnayAwasthi Anshul Gupta Prinesh Bansal Varun Malavia ChiranjevKoul	Computer Engineering
9	Discovery platform of Startup	Department of Science & Technology	Mrs.JesalVarolia	Harsh Jain Saurabh Jha RajanJha DhruvBangur Bhavya Agrawal Anamika Prasad	Computer Engineering
10	Potential of Digilocker	Ministry of Road Transport and Highways	Dr.Rekha Sharma	AshwaniPaliwal Yasmin Ansari Rashmi Agrawal Piyush Bajaj YashMehata AakashVaishnaw	Computer Engineering
11	Determine the authenticity of the email sender without using personal digital certificate	Department of Science and Technology	Dr.Deven Shah and Mrs. Megharani-Patil	Sahiltikoo Ayushkaul Prince Sinha ArchitKogta PranaySurana Tanya Talwar	IT and Computer Engineering
12	App to connect Farmers directly with Retailers and Food Processing industries	Ministry of Food Processing	Mr. Anand-Khandare	Mr. Akshay Varma Mr. Saurabh Indoria Mr.ShubhamChhaparia Ms. TanviSanzgiri Mr.MonarkUnadkant Mr. BhaveshJadav	IT and Computer Engineering
13	Asymmetric Key based Encryption and Authentication for file sharing	Department of Defence Production	Dr. Sangeeta Mishra	AmoghChavan TarushShenoy Krishna Yadav Atul Kadam Ashish Yadav Taruna Tiwari	Electronics & Telecommunication Engineering
14	Online Toll payment system	Ministry of Road Transport and Highways	Mrs. Payal-Saha	NirajJangid Akash Soni Sanath Acharya Drishti Shishodiya SimranMalawat Neil Naidu	Electronics & Telecommunication Engineering

15	Documenting novel solutions and innovations in education app	University Grants Commission (UGC)	Dr.MadhuriMavinkurve	Ishwar Jha Shikha Mishra Priyal Pandya Yash Bhatnagar Chanda Jha RajanJha	Electronics & Telecommunication Engineering
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3)Minor research Grant

Total number of faculty applied: 39

Total number of faculty received grant from UoM : 13

Total Amount : 3,30,000/-

### Details of Sanctioned proposals of Minor Research Grant

#### Academic Year 2016-17

Sr. No.	Title of Project	Research Project No	Principal Investigator	Fund Sanctioned
1	Telepresence Robot with Stereoscopic Vision	491	Mrs. AradhanaManekar(EXTC)	30,000/-
2	Smart Parking Management System	440	Ms. Sujata Kulkarni(EXTC)	25,000/-
3	On Panel Signalling with autobraking of Train and Monitoring of Railway Tracks	492	Ms. SukrutiKaulgud(EXTC)	22,000/-
4	Smart Medibox	570	Ms. Rupali Mane(EXTC)	20,000/-
5	Slotted Dual Band Patch Antenna Embedded with Metamaterial for WLAN and WiMAX Application	490	Dr. VinitkumarDongre(EXTC)	20,000/-
6	A Portable Dental Caries Detection and Classification system	572	Dr. BijithMarakarkandy(IT)	20,000/-
7	Virtual Computing Lab in College using Hybrid Cloud	403	Mr. Anil Vasoya(IT)	25,000/-
8	IoT (Internet of Things) based Highway Toll Deduction System	470	Mrs. Neha Kapadia(IT)	25,000/-
9	Transmitted Advanced Safety Assistance Automobile System (TRASAS)	468	Mrs. Neha Patwari(IT)	27,500/
10	PEGASIS based Irrigation Control System in WSN using IOT	573	Ms. Sangeeta Vhatkar(IT)	24,500/-

11	Cloud based surveillance system using Adaptive Automatic Video Tracking Learning and Detection	469	Mr. Bhushan Nemade(IT)	31,000/-
12	PLC Based Waste Segregation System for Green Environment	424	Dr. Sandhya Save(ETRX)	30,000/-
13	Study of Electro-Optical properties of Quantum Dots Doped in Liquid crystal Polymer system	439	Mr. Krishnakant Mishra (H&S)	30,000/-

#### **4) TCET Launched online Entrepreneurship Development Course in association with NEN**

After observing the interest among students regarding entrepreneurship institute has decided to guide them on various aspects. Institute send two of its faculty members Dr. Sangeeta Mishra and Mr. Krishnakant Mishra for training regarding the same with NEN at Aditya Institute of Management. These faculty members in turn train rest of the faculty members of EDC team of various department. Course contents are

- 1) Self discovery
- 2) Idea Generation
- 3) Idea evaluation
- 4) Entrepreneurial outlook
- 5) Customer Discovery
- 6) Value proposition Design

Under the guidance of these mentors students are learning various modules of Entrepreneurship development aspect and will be awarded with certification once they complete the training and examination.

#### **5) TCET has organized one day work shop on “ Idea 2 Entrepreneur” in association with IET, Mumbai chapter.**

The objective of this workshop was to train students for including innovation into their project and convert it into product which is well acceptable into market.

Students learn structure process of including creativity and innovation into project and protection of the same with IPR. All the teams have developed their business plans and did initial pitch in front of investors. Now final competition will happen on 15th April where best groups will be given

prize from IET

First prize: 7500/-

Second Prize: 5500/-

Third Prize: 3500/-

The event was well accepted by all stakeholders. All the groups got external mentor from industry for product development.

### 6) Training and Consultancy:

Dr. Kamal Shah, Mr. VikasKaul, Mr. Aditya Desai, Mr. BhushanNemade, Ms. PranjliKasture, Ms. VandnaMumnde of IT department received a consultancy from Bhakti Vedanta Hospital for customizing google docs for their routine work across all the departments. Total amount received is 1,73,000/-

Training on “Linux-as tool-” is initiated by Dr. Deven Shah, Professor IT department where 10 students have registered

Training on “Advance Machine Learning Algorithms” is initiated by Mr. AnadKhandare, AP CMPN department where 13 students have registered.





## HIGHER EDUCATION, ONLINE COURSES AND CERTIFICATION CELL (HOC CELL)

**H**OC Cell outlines the three modern concepts under one roof. It was created with the intention of originating the dynamism and then transmitting it to the surroundings. Purpose of HOC Cell is to encourage students for higher qualification such as pursuing master level program, graded online courses and certification courses.

HOC cell organized a Seminar on “Opportunities of Higher Studies within the country and abroad” for the students to build a student community to assist, support, guide and help outgoing students for admissions and other related matters. To prepare for the competitive exams such as GATE, GRE, TOEFL, CAT, CET, GMAT etc. guidance through internal faculty or External resources are provided.

To provide knowledge beyond curriculum HOC cell has initiated a local chapter in collaboration with NPTEL, under this local chapter various online certification courses are organized and conducted by IIT and The main advantage of online course is that the student can attend the course conveniently from home after academic hours.

To prepares students for professional career the HOC cell arranged certification program like Oracle Java Certification Program and arranges training in the campus with the help of professional trainers.

Thus, TCET has established the HOC Cell in order to help student to understand his/her final dream and make the right career decision in a sensible manner. HOC section in-charge and all the coordinators from each of the core departments have been given the responsibility of managing this Cell.

# TEACHING & NON TEACHING



Faculty Members



Non Teaching Members

# STUDENTS' COUNCIL



STUDENTS' COUNCIL – TCET



Sushant Patil  
Shraddha Dhumale  
Vighnesh Phanase  
Nayan Soni  
Ratnesh Singh  
Amit Singh



**IEEE**

THE INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS, INC.

IEEE-TCET Chapter  
**IEEE TCET**

Student Branch code : 41490581  
[www.ieee-tcet.net](http://www.ieee-tcet.net)



Quasar 2017

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Chairperson	:	Shivani Seksaria
Vice Chairperson	:	Amit Pathak
Secretary	:	Dhruv Bal
Treasurer	:	Pratik Jain
Event Manager	:	Prasika Nagvekar
Marketing Manager	:	Jay Sahasrabudhe



# CSI TCET

CSI-TCET Chapter



Chairperson	:	Pratik Singh
Vice chairperson	:	Ashish Kothari
Treasurer	:	Agrim Singh
Secretary	:	Sonu Mehta
Sponsorship Head	:	Ankit Singh
Event Manager	:	Saurabh Indoria

# TCET-ACM SIGITE Students' Chapter

Quasar 2017



Chairperson	:	Ayush Dutta
Vice Chairperson	:	Nishita Desai
Sponsorship Head	:	Paghdar Shraddha
Treasurer	:	Varun Agrawal
Event Manager	:	Vamil Gandhi
Secretary	:	Pooja Joshi



Secretary General	:	Omkar Ptdar
Director General	:	Rashi Dhariwal
USG Administration	:	Monica Korlepara
USG Finance	:	Jheel Khetan
USG Public Relation	:	Prachi Singh
USG Hospitality	:	Aditya Sarvankar
USG Marketing	:	Vatsalya Mishra
USG Research	:	Abhishek Chauhan
USG Delegate Affairs	:	Ayushi Mankar



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



Chairperson	:	Vaibhav Hakke
Vice Chairperson	:	Avinash Gupta
Secretary	:	Nitin Singh
Treasurer	:	Venkatesh Modi
Sponsorship Head	:	Sumit Jha





# ISTE

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## TCET Student's Chapter



Chairperson	:	Vedant Shrivastava
Vice Chairperson	:	Vicky Gupta
Treasurer	:	Shyam Pallisery
Event Manager	:	Prachi Nagane
Secretary	:	Sumit Barbhaya
Sponsorship Head	:	Kamraan Khan



# NSS-TCET Students' Chapter



Student Leader	:	Pratiksha Singh , Vijay Karotra , Nilesh Jha
Administrative Head	:	Nirali Rupani , Prasad Gorule
Finance Head	:	Karan Parikh , Prince Tiwari
Project Head	:	Charvika Banjan , Vinay Pandey , Bharat Joshi



# Student's Forum

# STUDENT'S COUNCIL - TCET

## REPORT ON Cultural Activities 2016-2017

• Objectives: To increase the participation of students in extracurricular activities

• Members Involved:

1. Dr. B. K. Mishra – Principal
2. Dr. Lochan Jolly – Dean SSW
3. Mr. Manish Rana - Faculty in-charge
4. Mr. Vikas Singh - Faculty in-charge
5. Ms. Aradhana Manekar - Cultural in-charge
6. Ms. Poorva Waingankar - Activity Head (Extra curricular)
7. Organizing Core Committee



Sr. No.	Name of Faculty/ staff	Committee
1	1) Ms. Aradhana Manekar 2) Ms. Poorva Waingankar 3) Mr. Manish Rana 4) Mr. Vikas Singh	Overall Coordinators
2	1) Mr. Sushant Patil 2) Ms. Shraddha Dhumale 3) Mr. Vighnesh Phanase 4) Mr. Nayan Soni 5) Mr. Ratnesh Singh 6) Mr. Amit Singh	Student Council Co ordinators(BE)
3	1) Mr. Vikas Singh 2) Mr. Shubham Vishwakarma 3) Mr. Tarush Shenoy 4) Mr. Harshal Chaudhary 5) Surbhi Sawant 6) Ms. Shraddha Paghdar	Student Council Co ordinators(TE)

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'.

### ❖ **The Background**

Students' Council over the years has been organizing events that bring together fun, knowledge, creativity, innovation and freshness in all the aspects of our life. Sojourn – the Annual Cultural Festival of TCET since its inception has always brought out the best talents in the college to the fore. It is organized with much fanfare.

### ❖ **Activities in 2016-2017**

### ❖ **Special Days**

Traditional day was the first 'Special Day' celebrated in college on 26th August 2016 drawing huge participation from students all over the college. Students were seen wearing their traditional outfits.

Tie and Saree Day was the second 'Special Day' celebrated on 14th October 2016. The whole college seemed enthusiastic to celebrate this day. Students participated in large numbers and the dress code was followed by most.

Rose Day was the third 'Special Day' celebrated on 17th February 2017. All these days brought a little change, enthusiasm and freshness amongst the students.

1	Special Days	Traditional Day	26th August 2016	Students came dressed in Indian traditional attire.
2		Tie & Saree Day	14th October 2016	Girls came dressed in Sari & boys were dressed in Formal attire.
3		Rose Day	17th February 2016	This Day was grandly celebrated, complete with music, enjoyment and fun.

### ❖ **SOJOURN 2017**

The annual cultural festival Sojourn is one of the most awaited events at the college campus. This year, Sojourn was celebrated with the theme "Phantom Heroes". Sojourn 2017 was celebrated on 17th and 18th of March 2017. The festival began with an exciting short drama based on the current year's Sojourn Theme. The backdrop was very much appreciated by all because of the hard work of the creative and the in-house team of Sojourn' 17.

Sojourn is a thoroughfare along which the engineering students are able to unveil their talent on the much isolated turf of performing arts. This is an event where students take a brief time off their busy schedule and strive hard to acclaim proficiency in the field of performing arts.

Let's have a look at the events took place in Sojourn:

#### 17th March 2017:

- ❖ **Solo and Duet Dance:** The students competed with each other in solo dancing and duet dancing. The dance was choreographed by the participants themselves. At the end, the winner was announced.
- ❖ **Singing:** It included both Solo Singing and Duet Singing. It brought forth the best singers in TCET. They got a chance to perform on the stage and entertain the audience with their singing.
- ❖ **BE Fashion Show:** All the BE Students got a chance to perform for the last time at undergraduate level. BE Fashion show is split up in 5 parts including all the five departments of TCET.
- ❖ **Standup Comedy:** This event was well-received by the audience. It featured some of the most amazing actors of TCET.

#### 18th March 2017:

- ❖ **Drama:** A comic act was put up by the students which thoroughly entertained the crowd.
- ❖ **Inter Departmental Group Dance:** This was one of the most fiercely contested events where every team represented their respective departments. Wonderful showcases of themed dances were put up by all the students.
- ❖ **Inter College Dance:** The inter college dance team of TCET put forward one of the best dances of the evening.
- ❖ **Intra College Fashion Show:** The budding models of the college got a chance to perform on stage.
- ❖ **Inter College Fashion Show:** The inter college fashion show team came up with a dazzling show in this event.
- ❖ **Rock Show:** Various musical bands of the college got a chance to perform on stage. □
- ❖ **NSS Dance:** This dance was choreographed by the college students which included various students from across all the years and mostly it included students from NSS unit of TCET.
- ❖ **BE Group Dance:** The BE students got an opportunity to perform on stage with their friends for the last time at undergraduate level.

The events can be summarized as below:

1	Sojourn '17	Singing	17th March 2017	The 1st prize was won by Komal Singh, followed by Akshay Patil and Yash Poojari
2		Solo Dance and		Milan Tank (BE IT) was the Solo Dance winner
3		Duet Dance		Milan Tank and (BE IT) and Pratik (FE) won the Duet Dance
4		BE Fashion Show		BE students performed on Bollywood songs.
5		Inter Department Dance	18th March 2017	The winner, EXTC group dance won everybody's hearts with their theme of – "Father Daughter Relation".
6		NSS Dance		A special showcase dance which covered NSS students from all branches across all years.
7		Rock Show		Student Bands enthralled the crowd in this event.
8		BE Dance		All the BE students participated with enthusiasm and represented their department in this dance.
9		Inter College Fashion Show		Inter College Fashion Show team performed for the in-house audience
10		Inter College Fashion Show		All the budding models of TCET got a chance to perform on the stage
11		Drama		It was the one of the most entertaining events where students got an opportunity to showcase their acting skills.

### Participation:

The table below gives the count of the number of Students participated in various events in Sojourn 2017

#### DAY - I

Events	FE	MECH	CM PN	IT	EXTC	ETRX	CIVIL	Total
Solo Dance	1	-	-	1	2	3	-	7

Duet Dance	-	-	1	7	5	5	-	18
Solo Singing	2	2	1	2	4	2	-	13
BE FS	-	47	71	55	70	31	-	274
Anchor	-	-	2	-	4	1	-	7
Total	3	49	75	65	85	42	-	319

### DAY-2

Events	FE	MECH	CM PN	IT	EXTC	ETRX	CIVIL	Total
Drama	7	4	2	10	15	4	-	42
Intra Dance	-	15	15	14	13	13	14	84
Inter Fashion Show	-	1	1	1	6	3	2	14
Inter Dance	1	-	1	8	-	2	1	13
Intra Fashion Show	3	3	4	2	6	2	1	21
NSS Dance	-	9	14	23	27	11	10	94
Filler	-	-	3	-	1	-	-	4
Rock Band	-	7	-	-	-	1	-	8
BE Dance	-	22	85	80	73	30	-	290
Total	11	61	125	138	141	66	28	570

Total Participation:

Day 1	319
Day 2	570
Total Students Participation	889

It has been observed that the participation of students in various events has increased over the years.

### ❖ Other Achievements

S r. No	Activity	Event	Date	Highlights
1	Inter College Show Team	Xavier's College of Engineering	29th January	<ul style="list-style-type: none"> <li>■ 1st Prize</li> <li>■ Shloka Goyal (BE EXTC) won the best female model award.</li> </ul>
		ICT	2nd February	■ 2nd Prize
		Nationals College	17th February	■ 1st Prize
		SPIT	18th February	■ 2nd Prize
		KJ Somaiya College of Engineering	2nd March	<ul style="list-style-type: none"> <li>■ 1st Prize</li> <li>■ Shloka Goyal (BE EXTC) won the best female model award.</li> </ul>
		Thakur College of Management	3rd March	■ 1st Prize
		Atharva College of engineering	7th March	■ 2nd Prize



2	Inter College Dance Team	SFIT	3rd February	■ Won the 1st Prize
		TIMSCDR	4th February	■ Won the 1st Prize
		TNMC	9th March	■ Won the 1st Prize
		Vartakt	11th March	

❖ **FUTURE PLANS:**

TCET has always provided its students with opportunities to prove their mettle in different fields. The number of students and faculty participation at TCET has increased over the years. The Students' Council of TCET 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. The council is responsible to organize events that provide a platform to students to nurture and show their talent in various fields. The Students' Council of TCET is looking forward to start literary and other clubs too in near future and to organize events on a large platform.



## SPORTS ACTIVITIES REPORT 2016-17

Sports in TCET have always been given utmost importance for the overall development of the students. TCET has always been a forerunner in events like cricket, basket-ball, football, volleyball, throw ball and table-tennis. Participation at national level and university level tournaments take place throughout the year.

The annual inter-collegiate sports festival of our college – ENERTIA is also one of the high-lights of the institute. TCET is the second college in Mumbai to conduct its sports festival under flood lights. ENERTIA first came under lights in 2009-2010 and has been continued since then. We plan to reach greater heights in the near future.

The college cricket team of TCET has won three consecutive tournaments this year & stood runnersup in five tournaments.

### Sport: Basketball

Sr no	Name of captain	Name of event	Duration of event	Achievement (winner, runner-up, 2nd runner-up)	Remark
1.	Amit Singh	Athos' 17, Intercollegiate tournament, FRCRCE, Bandra (W.), Mumbai	19/1/17 to 21/1/17	Runner up	
2.	Amit Singh	Enertia' 17, Intercollegiate tournament, TCET, Kandivali (E.), Mumbai	3/03/17 to 8/03/17	Runner up	

### Sport: Boxing

Sr no	Name of captain	Name of event	Duration of event	Achievement (winner, runner-up, 2nd runner-up)	Remark
1.	Jaivind Yadav	Intercollegiate tournament, Mumbai University	27/1/17 onwards	5 <sup>TH</sup> RANK	

### Sport: Cricket

Sr no	Name of captain	Name of event	Duration of event	Achievement (winner, runner-up, 2nd runner-up)	Remark
1.	Harsh singh	Intercollegiate tournament, SIES	03/02/17 to 07/02/17	Semi finalist	

Sr no	Name of captain	Name of event	Duration of event	Achievement (winner, runner-up, 2nd runner-up)	Remark
2	Harsh singh	Intercollegiate tournament, NMIMS, Mumbai	11/02/17 to 17/02/17	Runner up	Harsh singh best batsman.
3	Harsh singh	Intercollegiate tournament, spit, Mumbai	21/02/17 to 25/02/17	Semi finalist	
4	Harsh singh	Intercollegiate tournament, TCES .Mumbai	11/02/17 to 19/02/17	Semi finalist	
5	Harsh singh	Intercollegiate tournament, TNMC Mumbai	22/02/17 to 27/02/17	Semi finalist	
6	Harsh singh	ICT Matunga	20/03/2017 to 23/03/2017	Winner	
7	Harsh singh	NMIMS, Vile Parle	06/02/17 to 24/02/17	Winner	
8	Harsh singh	Enertia' 17	03/03/17 to 14/03/17	Semi finalist	

### Sport: Football

Sr no	Name of captain	Name of event	Duration of event	Achievement (winner, runner -up, 2nd runner-up)	Remark
1.	Suyash yadav	Athos' 17, Intercollegiate tournament, FRCRCE, Bandra (W.), Mumbai	19/1/17 to 21/1/17	Runner up	Lost in Quarter finals

Amit singh BE ETRX-Sports General Secretary, Inter collegiate Team-Basket Ball Captain

Rishabh Yadav TE ETRX-Joint Sports Secretary

Sayali Narkhede TE ETRX- Joint Sports General Secretary, , Inter collegiate Team Throw ball Captain, State Level Base ball Player

Jayesh Naik, Raj Indulkar, Rishabh Yadav-Inter collegiate Cricket Players

Shashank Dubey TE ETRX-Inter collegiate Boxer

Tanuj Dayal TE ETRX- Inter collegiate Chess Player

Rishabh Dey TE ETRX- Inter collegiate Foot ball Player

## IEEE-TCET 2016-17

<b>Faculty In-Charge</b>	<b>Mr. Biju Balakrishnan</b>
<b>CORE COMMITTEE</b>	
Chairperson	Shivani Seksaria
Vice-Chairperson	Amit Pathak
Secretary	Dhruv Bal
Treasurer	Pratik Jain
Event Manager	Prasika Nagvekar
Marketing Manager	Jay Sahasrabudhe

IEEE-TCET is a student branch of IEEE at Thakur College of Engineering and Technology, Mumbai.

IEEE TCET provides a platform for all students to enhance their technical skills and expand their knowledge in all domains. The members of IEEE benefit from the seminars, workshops and activities that are planned by the Committee. The members also get to be part of an internationally renowned Committee and have access to IEEE's website. The members also get access to the monthly Technical Magazine by IEEE which keeps them updated with the latest trends around the world. The members are also allowed to participate in International Conferences and Symposium's organized by IEEE all around the world.

Currently IEEE-TCET has 100 members associated with it.

<b>SR. NO.</b>	<b>NAME OF EVENT</b>	<b>DATES</b>
1.	Step into the world of technology. (Project Activity)	5th August 2016
2.	Finding small scale industries.	5th August 2016
3.	Scilab workshop	20th August, 2016
4.	Haptics Workshop	2nd and 3rd September 2016
5.	Industrial Visit (IV) Munnar-Cochin- Kottayam	3rd – 11th January, 2017
6.	MULTICON'17 Arduino Workshop	24th and 25th February, 2017
7.	IOT	3rd March, 2017
8.	VISUAL T-CAD	4th March, 2017.
9.	Eduvance	24th March, 2017.
10.	IELTS Seminar (British Council)	24th March, 2017.
11.	Hackathon'17	31st March, 2017
12.	IC The Future	31st March, 2017

IEEE-TCET has conducted multiple workshops. The Haptics workshop was a 2 day workshop which gave the students an idea about how gesture controlled devices work. The students themselves created an Arm Controlled Robot. The 2 day Arduino workshop arranged for Second Year students gave them an insight to the embedded systems world and inspired them to take up projects in this domain. Various Seminars on IOT and IELTS enlightened the students about Technical and Non-Technical fields. Various software based workshops on Scilab and Visual T-CAD helped the students to understand how different open source software's can be used to implement various projects.

### **Industrial Visit to Munnar-Cochin-Kottayam**

Official Industrial Visit to Munnar-Cochin-Kottayam was organized by IEEE-TCET. It was a 9-day and 8-nights visit which covered Major Industries like KEL, KELTRON, HMT and Lockhart Tea Factory. The journey through the mountains of Munnar was exciting and made the visit adventurous. Students also got the experience of City Life while staying in Cochin. All the industries provided valuable information to the students and helped them understand the practical applications of their theory subjects. A DJ night was also organized to end the journey on a pleasant note in Kottayam.

### **Future Plans**

- To organize Non-Technical events to improve Soft Skills
- To organize IEEE-360 with the technical fest



## CSI TCET 2016-17

Branch Councillor	Dr R R Sedamakar.
Faculty In charge	Mr Vikas Singh.
Student Core Committee	
<b>Position</b>	<b>Name</b>
Chairperson	Pratik Singh
Vice Chairperson	Ashish Kothari
Treasurer	Agrim Singh
Secretary	Sonu Mehta
Sponsorship Head	Ankit Singh
Event Manager	SaurabhIndoria

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.



## Important Activities :

Workshop on GIT Version Control	22 <sup>nd</sup> February 2017
Technical Debate Competition	10 <sup>th</sup> March 2017
Technical Quiz	24 <sup>th</sup> March 2017
Bridge Course(S.E)-Analysis of Algorithm	23 <sup>rd</sup> January-5 <sup>th</sup> April 2017
Bridge Course(T.E)-Professional Ethics	23 <sup>rd</sup> January-5 <sup>th</sup> April 2017
Bridge Course(B.E)-Latex	23 <sup>rd</sup> January-5 <sup>th</sup> April 2017
Project Competition-Zeigen	1 <sup>st</sup> April 2017

## Industrial Visit to Delhi-Chandigarh-Amritsar

Official industrial visit to Delhi-Chandigarh-Amritsar was conducted by CSI-TCET for the students of Computer Engineering. An 8-days and 7-nights visit covered major companies like Infosys, Mother Dairy, etc. The journey started with visiting the famous Golden temple at Amritsar. With a fantastic journey along with the cool weather, students enjoyed the way towards Infosys. A well-equipped city life of



Delhi offered way towards Mother Dairy one of the biggest milk plant in North India. Just to give a memorable wave-off to the journey a DJ night was planned at Delhi.

## NSS TCET 2016-17

Working Committee	
<b>Faculty</b>	
Programme Officer (P.O.)	Dr. Sunita Pachori, Dr. Satish Singh
Deputy Programme Officer	Dr. Sandhya Maheshwari, Mr. Sajjan Kumar Lal
<b>Student</b>	
Student Leader	Pratiksha Singh, Vijay Karotra, Nilesh Jha
Administrative Head	Nirali Rupani, Prasad Gorule
Finance Head	Karan Parikh, Prince Tiwari
Project Head	Charvika Banjan, Vinay Pandey, Bharat Joshi

### YOGA DAY CELEBRATION-21/06/16

The TCET-NSS Unit had organized a Yoga session on 21st June 2015 which is declared as International Yoga Day. Our principal, college teachers and 25 Volunteers were present in the session. All the basic yoga techniques and exercises were taught to all.



### TREE PLANTATION DRIVE-22/07/16

Tree plantation drive was conducted in college ground, it was inaugurated by Principal Sir. All the teachers and deans also graced the project by their presence. The project witnessed a turnout of 38 volunteers. The volunteers took turns in planting the trees. The process involved digging, planting, putting manure, providing support and finally watering the sapling. The project duration was 2 hours and we planted a whopping 25 saplings. The project was concluded by a pledge of adoption of these plants for future.



### SEMINAR ON LEPTOSPIROSIS-28/07/16

The TCET-NSS Unit organized a seminar on leptospirosis on July 28, Friday. Students were explained about the causes, preventions, symptoms of diseases such as malaria, dengue and many more monsoon bred diseases. They had an interactive question answer session and students gained a lot of knowledge about the diseases and preventive measures to be undertaken.

### RECRUITMENT PROJECT-30/07/16 & 31/07/16

78 Second year students from Civil, Mechanical, Extc departments had come for the project. The project was to create awareness about Leptospirosis. 42 TE volunteers had come for the project. 105 Second year students from It, Cmpn, Etrx departments had come for the project. The project was to create awareness about Leptospirosis. There were 36 TE Volunteers who had come for the project.





### **MEDICAL CAMP AWARENESS-06/08/16**

TCET NSS Unit had spread awareness about free medical camp which was conducted by local corporator, Yogesh Bhoir.

### **TREE PLANTATION DRIVE-06/08/16**



The TCET NSS unit took up the venture of tree plantation in association with local corporator Mr. Yogesh Bhoir. The project witnessed a turnout of 26 volunteers. After the project briefing, the volunteers were taken to 90 ft Road and Evershinenagar. The volunteers took turns in planting the trees. The process involved digging, planting, putting manure, providing support and finally watering the sapling.

The project duration was 3 hours and we planted a whopping 25 saplings. The project was concluded by a pledge of adoption of these plants for future. This seemingly small attempt at protecting the environment was warmly welcomed by volunteers and people of 90 ft road.

### **BMC SCHOOL TEACHING-06/08/16**

The TCET-NSS Council had organized BMC School teaching project, for the NSS Volunteers, in the BMC School at Akurli School and Sambhaji school, Kandivali (East). Total 79 volunteers were present. Volunteers started by introducing themselves and getting introduced to the students. Volunteers



then played various games with them. Students were asked to sing, act and dance. They even shared some ditties with us. The children were very friendly and all the volunteers had an amazing experience. Volunteers even clicked photographs with the school students thus making them filled with joy. This project gave the school students break from the monotonous school life and helped them in learning things in a new and fun filled way. The project was then concluded by a small feedback session and a vote of thanks to the headmaster of the school.

### **RAKHI SELLING-12/08/16**

The TCET-NSS Unit sold 600 Rakhi units made by mentally and physically disabled children of PUNARWAS EDUCATION SOCIETY. The overall response was overwhelming. All the S.E volunteers were called for this project.

**STEM CELL DONATION SEMINAR-12/08/16**

All the students were addressed about importance of stem cell donation. SE Volunteers were part of this project and this project was conducted in Auditorium

**ESSAY AND DEBATE COMPETITION-12/08/16**

This project was conducted in Room no 511, topic for essay was 'India Of Our Dreams' and topic of debate was 'Is India Intolerant'.

**BMC SCHOOL TEACHING-13/08/16**

The TCET-NSS Council had organized BMC School teaching project, for the NSS Volunteers, in the BMC School at Akurli School Kandivali (East). Total 34 TE volunteers were present. Volunteers started by introducing themselves and getting introduced to the students. Volunteers then played various games with them. Students were asked to sing, act and dance. They even shared some ditties with us.. The project was then concluded by a small feedback session and a vote of thanks to the headmaster of the school.

**POSTER MAKING-13/08/16**



The TCET NSS Unit had conducted Poster making on the theme 'YAADKAROQURBANI' in the ED Hall. 60 SE volunteers were a part of this project.

**INDEPENDENCE DAY CELEBRATION-15/08/16**

NSS volunteers of TCET gathered on the event of 15th August to celebrate the national festival – Independence Day. The event started off with the recitation of patriotic songs which was followed by a speech by the honourable chief guest. This



imbibed a feeling of patriotism in the volunteers of the unit which will help them in serving the country in an efficient manner in the future..

### **CONSTITUTIONAL CAFÉ-19/08/16**

Constitutional café helped students and disuss about the preamble of our constitution of India.



### **CANDLE MARCH-24/08/16**



This project was conducted under the guidance of HRD Ministry in the college premises under the theme 'YAADKAROQURBANI'. Mr. V N Dutta was felicitated by Principal Sir.

### **POSTER MAKING-25/08/16**

This project was conducted to make posters for the street play which was held on 26th August' 16

### **BLOOD DONATION CAMP-1/09/16 & 1/09/16**

The TCET-NSS unit organized a grand blood donation camp in the college on the Istand 2nd September 2016. The blood donation camp was conducted with the help of Tata Memorial and J JMahanagar hospitals. Donors turned up in large numbers because of the heavy publicity campaign undertaken by the volunteers



on social media as well as campus publicity by putting up posters all over the college campus. Donors included mainly the students of TCET. The Blood donation camp was a huge success which saw a massive turnout of around 533 people. We collected 180 units of blood on the first day and 201 on the second and in total 381. The NSS unit TCET was appreciated by one and all for this well organized event which will help save many lives in the city.

### **TEACHER'S MEDICAL CAMP-3/09/16**

A medical camp was organised at the multipurpose hall for the teachers. The volunteers assisted the doctors with any requirements.

**GANPATIVISARJAN DAY 1-06/09/16**

The volunteers were a part of the helping team at the Artificial Pond set up by the local corporator Mr. Yogesh Bhoir. The volunteers helped the devotees to perform their rituals and guided them through the system of Visarjan. They also managed the traffic on the roads during Visarjan and ensured the safety of the people.



**SWATCHHATA ABHIYAN-04/09/16 & 06/09/16**



SwachattaAbhiyaan was conducted in college ground, janupada, Shyamnarayanthakurmarg The areas around the college were covered by the students.

**GANPATI VISARJAN DAY 5-9/09/16**

The volunteers were a part of the helping team at the Artificial Pond set up by the local corporator Mr. Yogesh Bhoir. The volunteers helped the devotees to perform their rituals and guided them through the system of Visarjan. They also managed the traffic on the roads during Visarjan and ensured the safety of the people.



**GANPATIVISARJAN DAY 11-16/09/16**

The volunteers helped the devotees to perform their rituals and guided them through the system of Visarjan. They also managed the traffic on the roads during Visarjan and ensured the safety of the people. This helped the Mumbai policeto manage traffic and function smoothly.



### **CLEAN UP DRIVE-17/09/16**

To take a small step towards a healthy, beautiful and clean environment.

To make the unit work as a team The unit worked as a team and displayed an example of team-spirit and enthusiasm.



### **ORGAN DONATION SEMINAR-23/09/16**



Volunteers understood the procedure and situations of Eye, skin and Organ Donation. To understand the cause To make the volunteers aware regarding the symptoms and preventions of the same.

### **TALK FOR THE CITY AND TEAM BUILDING ACTIVITIES-24/09/16**

To analyse the problems of the City and find the solutions for the same and to build Team Building among the volunteers.



### **ROAD SAFETY AND TRAFFIC MANAGEMENT-26/09/16**

People got aware about the rules & regulations of traffic and the volunteers volunteers about the work of Traffic Police.

### **ORGAN DONATION AWARENESS-30/09/16**

Created awareness about the organ donation pledge forms . Convinced maximum people to fill them and help society. People got aware about the forms and readily filled them.

### **FLASH MOB AND STREET PLAY-30/09/16**

Attracted large amount of crowd towards the street play.

Message

was spread about all the injustice things in Mumbai city and also share ways to prevent them.

Flash mob created a huge impact on the crowd as large amount of people turned up for street play.

The main aim behind street play was accomplished as the message reached to almost all the people.

**PEACE RALLY-30/09/16**

Message was spread about peace and nonviolence to people. Large amount of people joined the appreciated and also joined the initiative.

**SELF DEFENCE WORKSHOP(FOR GIRLS)-1/10/16**

Taught different tactics of self-defence to girls for their safety

Many different tactics were learnt by all the girls which will help them during danger.



**BHAJAN SANDHYA-2/10/16**

Volunteers enjoyed a lot at the event as they learned many different bhajans and desh bhakti songs.

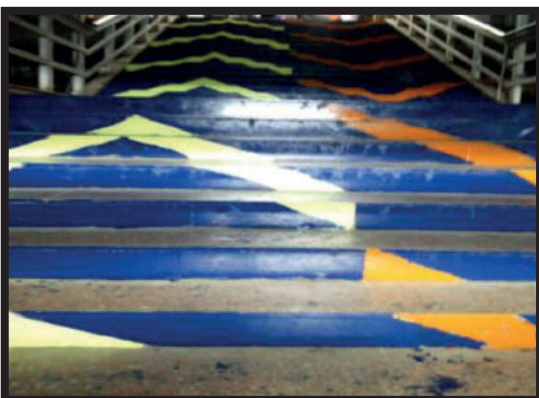
Also by providing assistance to the authorities the motto of participating was succeeded.



**YOGA-07/10/16**

Taught the Volunteers healthy yoga practises and implement them in daily life.

The patanjali expert taught many different asanas and exercises to volunteers which led to easy learning and further implementation in future .Volunteers pledged to teach others about the same.



**RAILWAY PAINTING PROJECT-08/10/16**

Volunteers helped the tech Mahindra foundation in painting the stations. They were made aware about their responsibility towards railway. Built creativity in them The railway painting project was successfully done as both the stations were painted beautifully Further the volunteers learned team work and time management. .

## **GUARD OF HONOUR FOR MHRDA MINISTER-20/10/16**

All the Volunteers were asked to wear a specific attire and give a guard of honour to the MHRDA Minister who was about visit our college.

## **RASHTRIYA EKTA DIVAS-31/10/16**

This day was celebrated to depict national integrity and also patriotism.volunteers showed team spirit and also developed a sense of fraternity.

## **SWACHATAABHIYAAN-5/11/16**

A swachataabhiyaan was conducted not only in the external surrounding but also internally.All the cupboards,shelves were cleaned and also old materials were segregated.

## **VIGILANCE WEEK-5/11/16 to 15/11/16**

During the vigilance week many different projects were conducted which included poster making,essay,slogan,panel discussion etc.

## **MUMBAI MARATHON POSTER MAKING-5/01/17**

A poster making session was conducted for the Mumbai marathon which was to be conducted on 15th January '17.The poster depicted the topic of mission education which was to be displayed during the flashmob.



## **POLICE STATION TRAINING SESSION-5/01/17**

Volunteers were taken to the police station where they were taught different rules and regulations, and also different positions of police officers along with different cells.

## **STREET KONNECT PROGRAMME-08/01/17**

The volunteers were allotted different zones such as food zone,petzone,game zone etc where they had to volunteer and guide the public..



**MUMBAI MARATHON-15/01/17**

This project was conducted at marinelines station where volunteers had to perform a flashmob to cheer the marathon runners. This project was in association with Smile foundation.



**REPUBLIC DAY CELEBRATION-26/01/17**

NSS volunteers of TCET gathered on the event of 26th January to celebrate the national festival –



Republic day Day. The event started off with the recitation of patriotic songs which was followed by a speech by the honourable chief guest. This imbibed a feeling of patriotism in the volunteers of the unit which will help them in serving the country in an efficient manner in the future.

**1916 AWARENESS PROGRAM-28/01/17**

An Awareness program was conducted to make people aware about the BMC helpline no 1916. this no can be used to make different complains concerned with public property.



**POSTER MAKING FOR VOTER'S AWARENESS-04/02/17**

A poster making session was done for the voters rally which was to be conducted on 7th February 17. the posters depicted the message of importance of voting.



**SHANTIDAN ASHRAM VISIT-05/02/17**

A visit was made to an ashram which was specially for physically and mentally challenged people. Volunteers were asked to spend time with those people and spread maximum possible happiness among them.



### **VOTERS AWARENESS RALLY-07/02/17**

A rally was conducted wherein the volunteers depicted the message of importance of voting and gave information about the upcoming election. The rally covered entire Thakur village.



### **COMPUTER LITERACY-15/09/16, 11/10/16, 2/12/16, 10/01/17, 16/02/17**

The volunteers taught the BMC school children basics of computer and covered the MS office over a period of 10 sessions in association with CACR NGO.



### **AMTM(ANIMAL MATTER TO ME)-19/02/17**

Volunteers were taken to animal Rehabilitation centre where they were asked to spend some time with animals and also perform a cleanliness drive in that area.

### **MULTICON-W-24/02/17 &25/02/17**

It was an event in which the NSS Volunteers helped in smooth functioning of the project. This was a college level project where the NSS Volunteers assisted in managing the conference event of the college.

### **1916 COMPLAINT FILING AND SAVE ELECTRICITY PROJECT**

Volunteers were asked to file complaints related to BMC which included water supply issues, potholes, streetlights, garbage accumulation etc. Along with it each volunteer was asked to collect light bills from 5 houses and maintain the record of unit consumption since last one year.

### **KESHAV SHRUSHTI ASHRAM VISIT-11/03/17**

NSS Volunteers visited the Keshav Shrushti Ashram which is shelter for old age people. The volunteers interacted with the old people. A Flashmob was performed in front of them and entertained them. Many activities were also played with them.



## BLOOD DONATION CAMP-24/03/17

The TCET-NSS unit organized a grand blood donation camp in the college on 24th March 2017. The blood donation camp was conducted in association of Lion's Club. Doctors from JJ Mahanagar hospital had arrived to conduct the same. Donors turned up in large numbers because of the heavy publicity campaign undertaken by the volunteers on social media as well as campus publicity by putting up posters all over the college campus. Donors included mainly the students of TCET. The Blood donation camp was a huge success which saw a massive turnout of around 250 people. We collected 187 units of blood. The NSS unit TCET was appreciated by one and all for this well organized event which will help save many lives in the city.



## IETE-TCET

<b>Faculty</b>	
<b>IETE Branch Counselor</b>	Dr. Sandhya Save
<b>Faculty in-charge</b>	Mrs. Archana Belge
<b>Student</b>	
Chairperson	Mr. Himanshu Gupta
Vice – Chairperson	Ms. Shonalikaur Singh
Secretary	Ms. Nindyaishani Sharma
Treasurer	Ms. Priyanka Singh
Event Manager	Mr. Pratik Walawalkar
Sponsorship Head	Mr. Vinit Gopal

IETE – TCET is a students' chapter at Thakur college of Engineering and Technology, Mumbai. Founded in 1953, the Institution of Electronics and Telecommunication Engineers (IETE) is a leading professional society devoted to the advancement of Science & Technology in Electronics, Telecommunications, Information Technology, Computer Science and other related disciplines. IETE serves its 25493 Corporate members, 230 Organizational members, 12502 Student members and 447 IETE Student Forum Institutions with 59168 ISF students through its 63 Centers spread all over India including one at Kathmandu (Nepal). To keep pace with technological development and achieve the mission of advancing the profession, it organizes conferences, conventions, symposia, seminars, workshops, publications and brain storming sessions for continued knowledge

up gradation of its members. The Government of India, Ministry of Science and Technology, Department of Scientific & Industrial Research has recognized IETE as a Scientific and Industrial Research Organization (SIRO) and the Institution has also been notified as an Educational Institution of National Eminence by the Government of India. TCET's Zephyr' 15

### **IETE Publications**

The IETE has been disseminating quality information on the latest developments in the field of Electronics, Telecommunications, IT and Computer Science Engineering through its journals- Bi-monthly - IETE Journal of Research (IF-0.284) & IETE Technical Review (IF- 1.304) and 6 monthly IETE Journal of Education. With a wide circulation of about 2,000 copies of each issue of Journal of Research and Technical Review and 2,000 copies of Journal of Education. IETE has made these journals available on <http://www.ietejournals.org> for free access. IETE Newsletter, 4 monthly publication, covers information of important events, technical activities of Centers/ ISFs, PACs or any other exemplary feats of our IETE Members.

### **Important Activities under IETE - TCET**

- TCET's Zephyr' 16
- Mini – Project Exhibition
- Industrial Visit to Alleppey - Munnar – Cochin
- Seminar on Big Data
- Arduino Test
- Mini – Project Exhibition

### **Industrial Visit to Kerala**

An industrial visit to Kerala was organized from 3rd January 2017 to 11th January 2017. 80 students from Second and Third year participated in it. The tour was organized by Ashish Tours with the help of the Faculty members of Electronics Department and the IETE Core members. The faculty participated in the tour were : Dr. S.C. Patil, Mr. Vaibhav Gijare, Mr. Sumit Kumar and Ms. Jalpa Pandya. The tour consisted of 3 industrial visits

To make students aware of the practical life in engineering and to give them the experience about the working culture of different states. The essence of working importance and prototypes will build confidence in students about the mannerism of working and a pre planned concept on how will they be prepared during a work trip or transfer for work any other states including the second visit to one of the local modern industry that is the base essentiality to them to understand the working of their home industry first

IETE chooses different different states where there are industry of their domain. Similarly IETE this time enrooted KERALA. The states working culture was a learning to students that gave them the importance of punctuality discipline working and healthy clean working. Visit to 3 industries were done

### 1. KEL electronics

### 2. HYCON India Pvt. Ltd.

### 3. Tea factory Munnar (Tekdi )

Students experienced immense growth of automation as well as manual working skills both being excellently flourished in Kerala . the working culture and systematic arrangements in all departments proves their ethics discipline nature and off course the punctuality in all times.

#### Local Industrial Visit

When thinking of the ratio most of the placements are happening here in Mumbai hence it is always a aim in checklist to visit a local industry nearby of similar domain

This time electronics department visited SUPERSONICS ULTROSOUND CLEANING INDUSYTRY in GOREGAN the students were accompanied with 2 of our very responsible faculties who not only took care of discipline but also kept in mind the learning of students at their level.

#### Future Plans

- ☞ IETE today, is one of the prominent technical education providers in India and is expanding its wings across the country through its 64 centres. Over the last 60 years, JETE has diversified its educational activities in the field of Electronics,
- ☞ I Telecommunication, Computer Science and Information Technology. We have programmes leading to DipiETE equivalent to Diploma in Engineering, AMIETE, equivalent to B-Tech, ALCCS equivalent to M-Tech.
- ☞ We have also started the Dual Degree, Dual Diploma and integrated programmes from December 2011 onwards. The Association of Indian Universities has recognized our AMIETE and ALCCS programmes. Government of India has also given reorganisation to all our educational programmes.
- ☞ To keep in time with modern industrial trends, we are introducing topics/subjects related to IPR/Patent laws, Cyber crimes, EMC/EMI, Quality & Reliability etc. More flexibility is proposed in terms of electives and dual degree programs. Special exam in the month of Oct 2012 was conducted to help the students belonging to the old syllabus to clear their programmes.
- ☞ IETE strives its best to indulge in a spread zone network and introduce latest and newest technology. By invading more and more colleges by increasing the youth proportions giving birth to new ideas and build the generation gap and keep up the culture also by introducing new and completely on base events

## TCET-MUN

Faculty	
In-Charge	Dr. Poonam Ojha, Mr. Amol Dapkekar
Students	
Secretary General	Omkar Potdar
Director General	Rashi Dhariwal
USG Administration	Monica Korlepara
USG Finance	Jheel Khetan
USG Public Relations	Prachi Singh
USG Hospitality	Aditya Sarvankar
USG Marketing	Vatsalya Mishra
USG Research	Abhishek Chauhan
USG Delegate Affairs	Ayushi Mankar

TCET-MUN 2016-17, in collaboration with United Nations Information Centre for India and Bhutan, began with an inaugural ceremony held on 16th September 2016 at 9:30 am to welcome all dignitaries and delegates to the event. It was graced by the Principal- Dr. B.K. Mishra, Dr. R.R. Sedamkar- Dean of Academics, Dr. Kamal Shah- Dean of R&D Cell, Dr. Lochan Jolly– Dean of student and staff welfare, Dr. Poonam Ojha and Mr. Amol Dapkekar, Faculty Incharge of TCET-MUN. TCET-MUN was fortunate to have Mrs. Anuradha Pradbhudesai, founder of the Lakshya Foundation and Mr. Aditya Maheswaran, World #2, World Championship of Public Speaking, Toastmasters. Mrs. Anuradha Pradbhudesai Kargil 14 times in the last ten years, and has published more than 400 copies of Hindi poems authored by her and several booklets on the Kargil martyrs. Mr. Aditya Maheswaran is the Principal at KornFerry Hay Group, 2-time TEDx speaker, has also received 'Young Achiever Award' for 2011 by Rotary for contribution to society.

TCET-MUN Society followed UNICMUN procedure for the debate and also followed the criteria and norms of United Nations Information Centre, giving delegates a opportunity to experience how discussion goes about in an actual United Nations Conference.

Following is the number of participations at the conference:

TCET-MUN in it's previous edition had 233 participants, out of which 105 were TCET students.

The committees formed under TCET- MUN were UNHRC (United Nations Human Rights Council), DISEC (Disarmament and International Security Committee), UNSC ( United Nations

Security Council), EU (European Union), UNICEF (United Nations International Children's Emergency Fund) and UEFA (Union of European Football Associations Congress). Their agenda and a brief summary of their discussions is given below.

The agendas of UNHRC were 'Arbitrary Deprivation Of Nationality' and 'Empowering civil society organizations in context of human rights.' This committee had a lot of first timers but experienced a high quality debate. The committee had three working papers which were discussed. The committee successfully passed a draft resolution.

In DISEC, the debate started with unanimous voting on the agenda 'Discussing the security concerns and encouraging disarmament in South China Sea'. This committee had a very good motion of entertainment. Again, the committee had three working papers which were discussed. The committee successfully passed a draft resolution.

At UNSC, the issue focused . Having a very experienced and perspicacious chair, Parth Gaikwad handled the committee in a formal procedure manner. The flow of the debate was very smooth. The committee had two working papers which were discussed. The committee successfully passed a draft resolution.

EU was the only committee to have double delegation. The issue focused on 'Doomsday for European Union: Brexit' The chair was no one other than Abhas Tripathi, who is a student of our very own institution. The committee had one working paper which were discussed. The committee successfully passed a draft resolution.

UNICEF was a committee specially for kids. The debate started with unanimous voting on the agenda 'The forced recruitment and use of children as soldiers'. The children spoke with all their heart for the kids being affected throughout the world. The committee had two working papers which were discussed. The committee successfully passed a draft resolution.

In UEFA, the discussion began with 'Questioning the future of UCL' The delegates of the committee were quick learners and the committee had great points. This committee faced a lot of heated discussions because the delegates had undying love for football.

The sponsors for the event were

The event ended with a closing ceremony on 18th September at 4:30 pm, where the Executive Board Members from each individual committee offered their feedback to the delegates. Each Chair also gave an award for Best Delegate, High Commendation and Special Mention to a delegate from his respective committee. With a vote of thanks, the Secretary General and the Director General later declared TCET MUN 2016-17 closed.

## ACM-TCET

<b>Faculty</b>	
In-Charge	Mr.Rahul Neve
<b>Student</b>	
Chairperson	Ayush Dutta
Vice Chairperson	Nishita Desai
Sponsorship Head	Paghdar Shraddha
Treasurer	Varun Agrawal
Event Manager	Vamil Gandhi
Secretary	Pooja Jain

**A**CM 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

<b>IMPORTANT ACTIVITIES</b>	
TCET’s ZEPHYR’16	August 2016
Workshop	September 2016
Bridge Course for second year Student	September 2016
Industrial visit to Cochin-Munnar-Allepy	January 2017
Multicon-W’16	February 2017
Mini- Project competition for 2nd year & 3rd year students	April 2017
BE Project Competition	April 2017

ACM-TCET has conducted two workshops which was a 1 day workshop. This workshop gave the students an idea about two coding language like C#.net and ADO.net. The students themselves created an two small projects using this language. Seminar on Higher study were also taken so that Students realized the importance of higher studies and its procedure.

### **Industrial visit to Cochin-Munnar-Allepy**

Industrial visit conducted by ACM under Department of IT for 2nd & 3rd year students from 2nd to 10th january,2017 at Cochin,Munnar,Allepy.First place we went was Cochin where we visited industry UST global,Netsoft & Hykon India pvt ltd.After that we visited various places in Cochin like lulu mall, marine drive & boat cruse. Then on 4th day we visited chinese fishing nets vascoda gama square.5th day we reached Munnar where we visited botnical garden which is famous for masala's. On 6th day we visited Mattupetty lake,dam & echo point tea plantation. 7th day we visted alappuzha beach in allepy. 8th day of official IV, lunch was provided in kerala traditional way i.e. on banana leaf.On 9th day we came back to mumbai.Outcome of this industrial visit that student gain practical knowlegede that how industry work.

### Future plans

- To organize workshop and seminars related to the latest technological trends
- To conduct coding compition to enhance students technical skills





## ASME-TCET

<b>Faculty</b>	
In-Charge	Mr. Krishna Gaikwad
<b>Student</b>	
Chairperson	Vaibhav Hakke
Vice Chairperson	Avinash Gupta
Secretary	Nitin Singh
Treasurer	Venkatesh Modi
Sponsorship Head	Sumit Jha

ASME-TCET is a Students' chapter at Thakur College of Engineering and Technology, Mumbai.

ASME-TCET provides a platform to enhance technical knowledge to its members. Members are supplied with daily technical and inventory updates, monthly magazines and opportunity to get scholarships to study abroad. The ASME-TCET offers workshops, seminars, technical journals and online recorded lectures by top industrialist and



inventors of great technologies. It also provides conferences and exhibition all over world.

Along with all these benefits ASME-TCET members are constantly exposed to in-house workshops and seminars every year. Currently ASME-TCET has more than 60 registered members in the institute.

<b>IMPORTANT ACTIVITIES</b>	
TCET's ZEPHYR'16	October 2016
Industrial Visit to Chandigarh-Amritsar-Delhi	January 2017
Multicon-W'17	February 2017
"SIGNATURE ANALYSIS" vibration Seminar	February 2017
"MECHATRONICS" Mini project Exhibition	April 2017
"MECHON" E- MAGAZINE	April 2017

ASME-TCET 2016-17 core committee conducted all the event came in front of it during its tenure successfully with utmost sincerity and dedication. Our activities was always planned with student centric approach in mind. We tried to bridge the gap between theoretical concept and practical skills need to be acquired about it. ASME-TCET conducted seminars on signature analysis, gyroscope, elevation, etc. which are important topics in mechanical engineering syllabus.

### “MECHON” ASME-TCET e-magazine

Since ASME-TCET student chapter was started in our college, we were the first one who successfully collaborated mechanical professor's thoughts and student's knowledge on budding topics and created our first E-MAGAZINE of MECHANICAL DEPARTMENT under leadership of Saurabh Vaidya. Lot of appreciation and praise we achieved from teachers and students of all department.



### Industrial Visit to Chandigarh-Amritsar-Delhi

Official Industrial Visit to Chandigarh-Amritsar-Delhi was conducted by ASME-TCET for the students of Mechanical Engineering. A 9days and 8 nights visit covered major companies such as MICRO-TURNER PVT. LTD, one of India leading manufacturers of two wheeler and automobile parts used in brands such as HONDA, YAMAHA, ASHOK- LEYLAND, etc. With fantastic journey of scenic Chandigarh, eternal Amritsar and capital



Delhi, it was unforgettable time for all of us. Lavish hotels, food and entertainment planned by us kept everyone excited throughout. Lavish hotels, food and entertainment planned by us kept everyone excited throughout the journey. Students learned how spare parts are made and curiosity engraved them when they saw how theoretical knowledge of production process and theory of machine was brought to practical use. Just to give sweet wave-off to the journey two DJ night was planned at Chandigarh and Amritsar after visit of Rock garden and Wagah Border respectively.

### Future Plans:

- To organize workshops and seminars related to the latest technological trends.
- To organize technical fest on larger scale with much more competitive events and increase

## ISTE-TCET

Faculty Advisor	Mr. Rohit Kumar Singh
Faculty In-Charge	Dr. Kiran Sanap
	Dr. Neha Mishra
Core Committee for ISTE-TCET Student's Chapter	
Chairperson	Mr. Vedant Shrivastava
Vice Chairperson	Mr. Vicky Gupta
Treasurer	Mr. Shyam Pallissery
Event Manager	Ms. Prachi Nagane
Secretary	Mr. Sumit Barbhaya
Sponsorship Head	Mr. Kamraan Khan

The Indian Society for Technical Education is a national, professional, non-profit making Society registered under the Societies Registration Act of 1860. 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.

### Our vision

The vision of ISTE is to create an environment where all learners thrive, achieve and contribute.

### Our mission

ISTE's mission is to empower learners to flourish in a connected world by cultivating a passionate professional learning community, leveraging knowledge and expertise and continually improving learning and teaching thereby creating a symbiotic ambience for all the departments.

ISTE-TCET students' chapter feels proud to announce that it has been able to get more than 800 members across all the departments.

## Important activities conducted in A.Y 2016-17

Seminar on Time Management, planning & Execution	September 2016
Zephyr-16	30th September-1st & 2nd October 2016
Industrial Visit to Jodhpur-Jaisalmer-Jaipur	3rd -11th January 2017
Seminar on Introduction to Research Environment	2nd February 2017
Engineering workshop and Paper presentation contest-2017 Under the banner of Multicon-W	24th & 25th February 2017
Project Exhibition	1st March 2017

### Future plans

To Establish Communication wing under ISTE-TCET students chapter for improving soft skill of students to increase their employability

To conduct a psychometric test for students in order to help them understand their Weakness & Strength to increase their employability





Student Articles...Poems

# Why being a millionaire is not just for everyone?

Prachi Nagane

SE-CMPN



**W**e always wonder, why some people are so rich even though they are not any smarter or hard working than most other people are. It doesn't seem fair, right? So how did they reach there? Do they have a great network? Did they gamble on money? Or is it from an illegal activity? These situations might be true for some of the wealthy people, but for the most part, getting wealthy is not a big deal! It comes with having a right "Strategy".

Bill Gates had once mentioned that, "If you're born poor, it is not your mistake; but if you die poor, it is your mistake!"

Most of us work for money; but rich people have their money work for them. Most of the people find a job, follow 8 to 8 clock, take orders from their seniors and then on weekends, they relax themselves from their hectic schedules. No more worries until Monday. This employee strategy requires a lot of hard work and then too you never get to decide anything or rule and this is how an average person trade time for money. Plus, The owner of the business is fine with this too. He

uses employees to expand his business and he pays them back in cash. He takes the financial risk, but he gets to keep all the reward.

Wealthy people don't think like employees. They never barter time for money. They invest their money to get a return without doing any of the work. They find a good investment, they put their money in, and if chosen well, they get more money than they have invested. Plus, they get to make the rules up too! All we require is a right strategy and 3D's, which are- determination, devotion and dedication.

The main problem that many people do not understand is, we don't know how money works. Surely, we cannot blame our parents or education system for this. Instead, it is our responsibility to figure out how money is to be held, how it is to be invested and to be preserved. The another problem with not being wealthy is our beliefs in money. These beliefs are inherited from generations to generations. We tend to be attached to the beliefs, to the strategies, we are raised with. Suppose, if your dad worked for some firm for someone else your whole life, possibility is, you will end up working for someone else too. Which means we likely do whatever we are familiar with, without even thinking about it. If we look at Forbes Richest List, we find one thing in common; there ain't employees! All of the wealthy people in the world invest and use their money to work for them.

In the end, we must remember that all work is simply to bring out the power of the mind, which is already there, to wake up the soul.



# CAN YOU NOT GIRLS

## A point-guide for the average woman.

- Arundhati Patil

1. Open your eyes and expand your experience, use math and science. Create with numbers and formulas and other cool tools. There is quiet satisfaction in identifying an unrecognized opportunity and implementing solutions that hundreds of millions of people will use. STEM (science technology engineering mathematics) isn't just numbers by-the-book. A career in engineering and technology will provide an opportunity to use your unique way of looking at the world to identify and solve problems. If you can do that, there's no limit to where your career can go and fun you can have on the way. You are already here. It's difficult, but let nobody get the best of you.
2. You are a child of Cosmopolitan culture, if you have been traumatised with assignments and too many tests and know neither your personality nor your body is up to its own device or you can't take the pressure; cancel out everything and spend the evening eating doughnuts in a cardigan with eggs on it.
3. Stop adding layers of foundation three times to your skin; you look like Casper the friendly ghost. Love our skin and its colour not only because it's the wrapping paper that stretches over your bones, but it's what makes you-you,
4. You honestly don't need to have idols like Kim Kadarshian and Kylie Jenner with their hourglass bodies and non-biodegradable organs. Let's have no more of this silly whining. Be a woman of substance and choose to have ideals of people who make a dent in the universe.
5. Your self-worth is not equivalent to your followers on Instagram.
6. If you love someone, let them go. If you hate someone, let them go. Basically, let everyone go – people can be really stupid.
7. Travel- where you can. Appreciate art- if you can. Use technology- to help and connect. Learn- always. Take deep breaths often.
8. Be a feminist.
9. Embrace yourself as a female engineer. Let no guy tell you that you can't do this. The world is already rampant with pathetic social ideals. It's important to realise that we are society. So go out into the world believing that there's just a few good people – try to be one of them.
10. Think different. We're all here to raise a toast to that!



# Art Entries

–Ms. MANISHA SHARMA

Class : F.E., CMPN -B

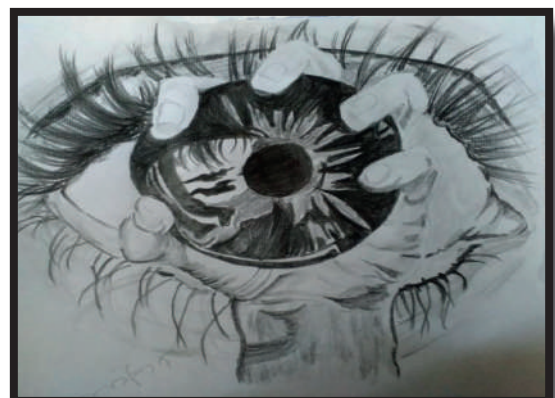
For He that worketh high and wise.  
Nor pauses in his plan,  
Will take the sun out of the skies  
Ere freedom out of man.



If we surrendered  
to earth's intelligence  
we could rise up rooted, like trees.



The eyes see only what the mind is prepared to  
comprehend.



1. The greatest self is a peaceful smile, that always sees the world smiling back.
2. No matter how grouchy you're feeling, You'll find the smile more or less healing.

It grows in a wreath

All around the front teeth—Thus preserving the face from congealing.



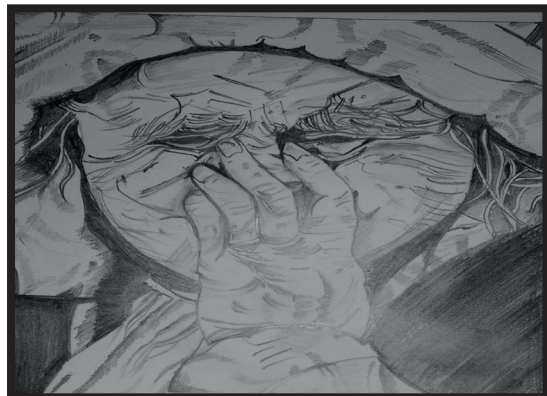
Keep your spirits high,  
floating somewhere above your life,  
where the world looks faintly hypothetical,  
almost translucent.



Threat is in the eye of the beholder.



We take it for granted that life moves forward.  
You build memories; you build momentum. You  
move as a rower moves: facing backwards.



You were born with your head in the clouds,  
your future wide open,  
feeling almost weightless. Almost.



You feel time starting to slip,  
pulling you back down to earth.  
even as you tell yourself,  
don't look down.



# The Story behind the phrase

- Keyur Lodha

FE-ETRX

“We at Apple had forgotten who we were. One way to remember who you are is to remember who your heroes are.” Jobs wanted his advertising firm, by then called TBWA\Chiat\Day and its director Lee Clow to do something special, something that would remind the world what Apple and Jobs pitched in for. Clow and his team tried a variety of approaches that praised the “crazy ones” who “think different”. And they finally came up with the well-known rendition of the “Here’s to the crazy ones” which had two editions, one of which Jobs recorded himself but was never shipped. Also there were 29 different “Think Different” posters created for the advertising stint that became a huge success.

Jobs said the following in an interview for PBS’ ‘One Last Thing’ documentary:

“When you grow up you tend to get told the world is the way it is and your job is just to live your life inside the world. Try not to bash into the walls too much. Try to have a nice family life, have fun, save a little money. That’s a very limited life.

Life can be much broader once you discover one simple fact, and that is - everything around you that you call life, was made up by people that were no smarter than you. And you can change it, you can influence it, you can build your own things that other people can use. The minute that you understand that you can poke life and actually something will, you know if you push in, something will pop out the other side, that you can change it, you can mould it. That’s maybe the most important thing.

It’s to shake off this erroneous notion that life is there and you’re just gonna live in it, versus embrace it, change it, improve it, make your mark upon it. I think that’s very important and however you learn that, once you learn it, you’ll want to change life and make it better, cause it’s kind of messed up, in a lot of ways. Once you learn that, you’ll never be the same again.”

“Think different” is just a simple phrase yet it signifies a lot. It is to the creativity, the genius and the blend of both, that people are, that changes the world in its own simple ways. Some people change the very foundation on which the world is resting on, some give us new outlooks on art, technology and other disciplines, some redefine the way you look at life, some give you hope and provide inspiration.

Then why not “Think Different” and “Put a dent in the universe.”

# Why is Nationalism a problem?

- Prachi Nagane

SE-CMPN(A)

Nationalism is a feeling that people have of being faithful to and proud of their country. Nationalism is not a bad thing; but most of the time it is. It is always used by people whenever they need an excuse to discredit, threaten anyone who has a point of view that would go against the centred population. Nationalism can transform society greatly against someone with slightly different opinion about their country. We stay in a country with a population of 1.2 billion. It is obvious that all of us cannot have same opinions, same views; But having different views in mind doesn't make us anti-national. There are many incidents happened in our country that showed us how people over react when it comes to nationalism.

In past days, a student from Delhi University, Gurmehar Kaur launched a Profile-for-peace campaign advocating peace between India and Pakistan in a video. After that, she came forward with social media against violence done by ABVP in DU. It attracted much controversies, particularly one statement-" Pakistan didn't kill my father,war did." What she actually wanted to say was that war always brings destruction. Situations make people kill each other during the war. As soon as this post flew in social media, people started taking this in a negative context-"Anti-national". She received death and rape threats for starting this campaign.

Another incident that took place in Goa was, Wheelchair bound award winning author and disability activist Salil Chaturvedi was allegedly beaten up by a couple in a goa multiplex wondering why he was not standing up during the national anthem!

Another incident when people lost their minds was when Aamir Khan made a statement about what his wife feels now-a-days about staying in India went controversial. He never actually said he wants to leave india. He said that his wife expressed concern, and talked about slight possibility of maybe leaving and for her to even bring that up was a desaster.

Can we not over react when it comes to national pride? There is nothing wrong with loving your country. The problem is, the most nationalism that is practiced in india is not productive nor positive force at all. It is just a toxic mess. Every single person has rights to express their opinion as long as they are civil. What is not right is to use an image out of context to target someone and fuel hatred. The condemnation of rape threats and abuses must be without any excuse. How can one justify rape threats or violence under the grab of nationalism?

Stupidity lies among common people too. While there are few to do the propaganda and spread hatred, there are millions to become victims to it. We need to have our own principles for the issues. Because, for those who don't have a stand, there are many others to make a fool out of them. People nowadays seem to be on a short fuse. They have forgotten-"Live and let live". Nationalism, patriotism have a cost; it doesn't come for free. People should feel it from the inside and not be forced for it.

# Kuebiko

– ShashankPandav

F.E. CMPN



**N**a state of exhaustion inspired by an act of senseless violence, which forces you to revise your image of what can happen in this world—mending the fences of your expectations, weeding out invasive truths, cultivating the perennial good that’s buried under the surface—before propping yourself up in the middle of it like an old scarecrow, who’s bursting at the seams but powerless to do anything but stand there and watch.

# \*PLAYED WITH MY MIND\*

– AmreshTiwari

FE MECH

Its all full of cream  
Just like a cloud full of dreams  
Just the way I've ever wanted.

I'm drowning in thoughts  
Listen to my soul  
A voice speaks within my body.  
Just like the wolves howl.

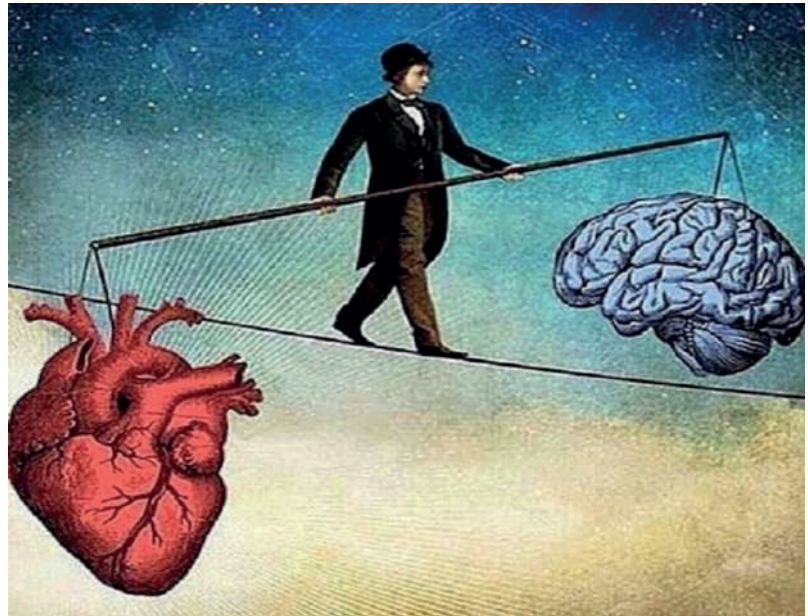
Am I loving the right way  
Am I giving her time  
Am I writing this subhead  
Just to rhyme

I'm drowning in thoughts  
I'm feeling the pain  
The things I think are insane

My mind is jumbled.  
Things worked out but fumbled

I don't know if I've changed  
Because there's nothing I've gained  
I am the same  
But a thought came

I know I was kind  
When I wrote this poem  
Out of nowhere  
A tear fell on the screen.  
And I played with my mind.



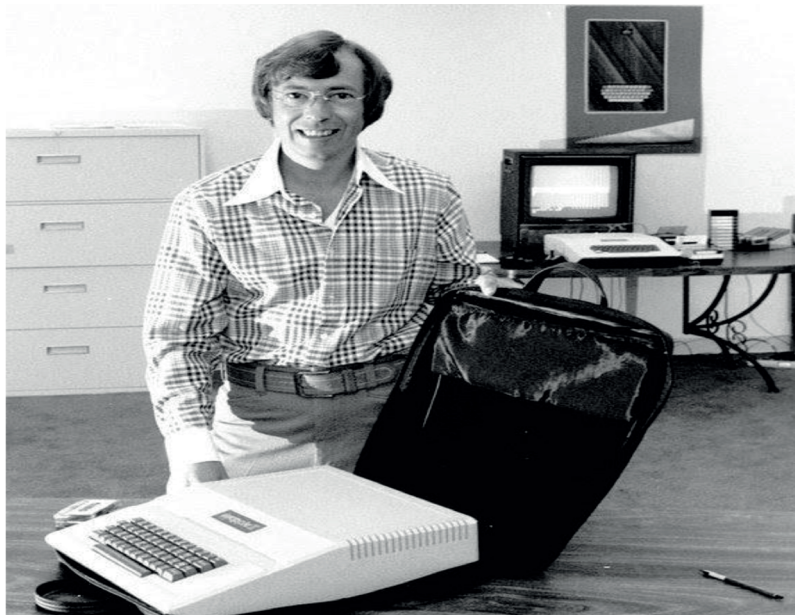
# THE APPLE MARKETING PHILOSOPHY

– Vedant Shrivastava

SE IT

In the late 70's, Steve Jobs recruited Mike Markkula, a marketing and finance man, to draw out the business plan for Apple. Steve told Mike how Apple was the next big thing and how it was going to make everyone in Apple, rich. Markkula replied, "Steve, you should never start a company with the goal of getting rich. Your goal should be making something that you believe in and making a company that will last." It is very easy to be different but it is very challenging to be better and this, this was the first thing that made Apple better.

Armas "Mike" Markkula, Jr. is an American entrepreneur who was an angel investor and second CEO of Apple Computer, Inc., providing early critical funding and managerial support. He was introduced to Steve Jobs and Steve Wozniak when they were looking for funding to manufacture the Apple II personal computer they had developed. With this guidance and funding, Apple ceased to be a partnership and was incorporated as a company.



Markkula wrote a paper titled "The Apple Marketing Philosophy" that focused on three points. The first was EMPATHY, focusing on building up a strong, intimate and deep connection with the feelings of the customer. The second was FOCUS, which isn't about saying yes to one good thing but is about saying no to thousands of better things. Focus needs forgetting everything else apart from the thing that you actually need to focus on. And finally, the third was titled IMPUTE followed by "People DO judge a book by its cover", meaning that every small detail matters everywhere. This was what pushed Apple with delivering their products with the best of features and details. But we'll be sharing more on that later.

Here's the paper that Mike Markkula wrote. Have a look:





## The Apple Marketing Philosophy

### **Empathy**

We will truly understand their needs better than any other company.

### **Focus**

In order to do a good job of those things we decide to do we must eliminate all of the unimportant opportunities.

### **Impute**

People DO judge a book by its cover.

We may have the best product, the highest quality, the most useful software etc.; if we present them in a slipshod manner, they will be perceived as slipshod; if we present them in a creative, professional manner, we will *impute* the desired qualities.

Mike Markkula  
January 3, 1977

“The Apple Marketing Philosophy” been serving Apple for about four decades now. We believe that this philosophy can help all kinds of businesses and can help you take your ventures to a whole new level.



Steve Jobs with Mike Markkula

# THINGS THAT MADE STEVE JOBS A GREAT CEO!

– Vedant Shrivastava

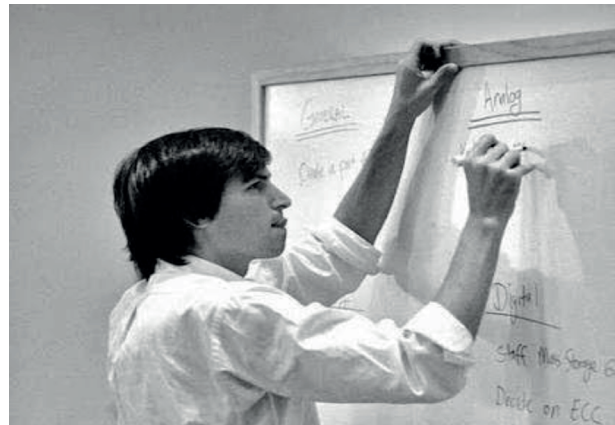
SE IT

Steven Paul Jobs is celebrated in the world for being the co-founder of Apple Inc. and being its visionary CEO for more than a decade. His story is a great one with all kinds of ups and downs including him getting fired from the company that he built. Over the years, Steve Jobs went on to work for Atari, co-found great companies like Apple Inc., NeXT and the famous Pixar Animation Studios. Steve Jobs has been a great visionary and one of the best leaders of the world along with being an inspiration for many.

Here are the things that made Jobs a great CEO:

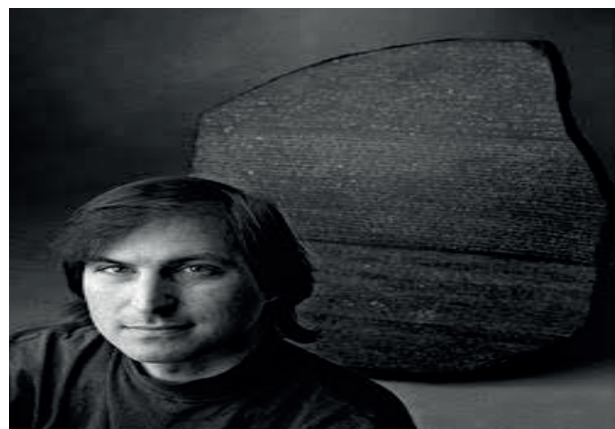
## 1. A Vision.

Jobs had always been a visionary first and then CEO. He had the vision of delivering cool to the people and make them feel more and do more by themselves. That vision was his fuel. That's what drove him forward. It was his vision that made him see things that others had missed.



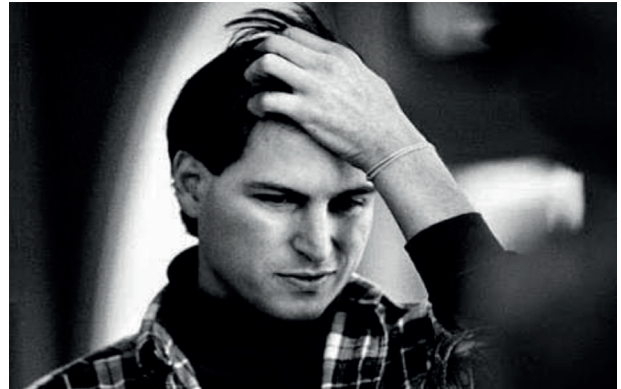
## 2. The Ability to Learn.

Jobs always had the desire to learn about things that got his interest on the go. For that, he learned to change the three basic things one needs to in order to learn the true nature, the true design of everything. Those three things were understanding, attitude and behaviour. Jobs knew this very well that design is all about how it works rather than about how it looks.



### 3. The Ability to Lead.

As we all know it, Jobs always wanted to be important and that's what drove him forward to learn the principles of leadership. Jobs had learned to acquire the ability to convince almost anyone.



### 4. The Ability to Recruit.

Jobs found this part to be the most challenging thing to do. In his early days, he wasn't that good with this skill and he faced many difficulties because of that and even got fired from his own company. But that didn't stop him there. It only took him forward to start two more successful companies but this time, in a wiser and better way.



### 5. The Ability to Improve.

The ability to improvise and to learn go hand in hand. Steve knew it well that mistakes are something that no one should be afraid of. He knew that mistakes only make a man more experienced. And the better the experience, the better is the judgment.



### 6. The Ability to Manage.

Steve always kept on learning to be a good manager. He always kept track of time and the market. He always knew what the people needed and he was always after delivering it to them. For him, details mattered a lot and it was worth waiting to get them right. And he



would always deliver the thing that the people actually wanted even if it cost more than the other products in the market.

### 7. The Ability to Present.

Steve's Presentation Skills are always appreciated by everyone. Presentation was something that Steve focused a lot upon. He always used to present it like a magician pulling out a rabbit out of his hat. He always made people wonder what his next venture was. Plus, he knew the magic trick behind bringing the hidden smiles on their faces.



जो तू कहे तो मैं पूरा हूँ  
 वरना मैं दिन हूँ।  
 जो सवेरा बिन अधूरा हूँ  
 जो तू है तो मैं चाँदनी रात हूँ।  
 वरना तेरे बिन तो,  
 मैं अमावाश के भान हूँ।।  
 तू मेरे दिल में समुंदर के लहर—सी है  
 जिसका वजूद तुझसे है।  
 मैं उस नदी की तरह हूँ  
 जिसका नसीब तुझमें मिल जाना है।।  
 मैं वो आग हूँ  
 जिसकी चिनगारी तू है।  
 तू अगर है जो रोशनी  
 तो तेरा दीपक मैं हूँ।।  
 तू चाँदनी रात की तरह  
 जिसमें मैं जगमगाता सितारा—सा।  
 मैं वो जिस्म हूँ  
 जिसमें तू किसी रूह की तरह।  
 मैं कुछ शब्दों से बना  
 तू पूरी किताब की तरह।।

ए मृग नैनी,  
 देखा था तेरा सपना मैंने उस रात को  
 कि ख्वाबों में, मैं आज भी हूँ.....  
 तेरे घने केश, गालों को चूमती लट  
 जो देखा मैंने उस रात को  
 कि ख्वाबों में, मैं आज भी हूँ.....  
 तेरी मदहोश निगाहें, तेरा मुस्कराता मुख  
 गुलाब के पँखिड़ी समान लब  
 जिस मीठे रस को चखा मैंने उस रात को  
 कि ख्वाबों में, मैं आज भी हूँ.....  
 तेरा कोमल बदन,  
 मुझे बुलाती अदायें  
 जिन बाहों में, मैं सोया उस रात को  
 कि ख्वाबों में, मैं आज भी हूँ.....  
 तेरे—मेरे मिलने की स्मृति, दिल में आज भी है  
 जो सोया मैं उस रात, कि ख्वाब आज भी है।  
 फूलों का हमपर झरना  
 बेवक्त बारिश का होना  
 एक बारिश के बूँद का  
 तेरे लब से तेरे जिस्म पर ढलना  
 बेशक सपना था उस रात का  
 कि उस ख्वाब में जिंदा, मैं आज भी हूँ.....  
 तू अपसरा है,  
 जो मैंने सपने में देखी थी उस रात को  
 आँखे खुली है मगर दिल कहता है  
 कि उन ख्वाबों में, मैं आज भी हूँ.....

बेजुबान ईश्क है मेरा  
 तेरा—मेरा शोर शराबा, दिलों की ताका झाकी।  
 आँखों की बाता—बाती में, बेजुबान ईश्क है मेरा।।  
 छाँव का, सूरज को चादर करना  
 पूर्णिमा के चाँदनी रात को  
 खुले आकाश में मिलना  
 एक—दूजे के बेतर्क बातों में  
 बेजुबान ईश्क मैं मेरा।।  
 दिशा—दिशा से, नदियों का सागर में मिलना  
 जैसे तेरे—मेरे जिस्मों का मिलना हो  
 खामोश निगाहों में  
 तलब भरी बाहों में  
 जब जिस्मों की हलचल हो  
 रुहों की बाता—बाती में  
 बेजुबान ईश्क है मेरा।।  
 खुला आसमाँ है, टेढ़ी—मेढ़ी सड़को पे....  
 पूरा जहाँ है  
 वक्त है..... कि  
 सोने — सा पूरा जहाँ है  
 लबों के ..... मिलन में .....  
 मेरा ..... ईश्क बेजुबान है।।

कि वो कहती है कि पत्थर सा दिल है ये मेरा  
 जरा देखें तो यारों, ए मूरत उसी का है।  
 वो मुझे कहती है परवाना  
 जरा मेरे दिल को समझें तो यारों।  
 कि ए परवाना भी, दीवाना उसी का है।  
 कि वो इकरार भी नहीं करती,  
 इनकार भी नहीं करती है।  
 आँखों में मुझे खोजें,  
 मगर लबों की बात नहीं कहती है  
 कि दिल में हूँ मैं उसके,  
 वो इसे स्वीकार नहीं करती है।  
 कि तलब है अब मुझे उसका  
 ए मेरा मासूम दिल कहता है  
 कि अब मैं भी  
 जरूरत बन गया हूँ उसका  
 तन्हाई में कहती है वो यारों।  
 निगाहें चुराने की आदत बना ली है उसने वो,  
 कि सौ बहाने मुझसे मिला करती है वो यारो  
 जो न मिलने में जाऊँ  
 तो दुनिया से रूठ जाने की,  
 अब तो बात करती है यारों  
 कहती नहीं है वो मगर,  
 मुझसे प्यार करती है वा यारो.....

Ankit Agarwal,

FE-IT-A



Year book...

# BE-CMPN (A DIVISION)



ADITYA GAWALI



ADITYA MUNOT



AISHWARYA DUBEY



AKANKSHA K. CHAUBE



AKSHATA JOSHI



ALKA MISHRA



ANAND DUBEY



ANANTA BHATT



Arunaobh pant



ashwani paliwal



B. RAHUL ANAND



Balchandra Naik



BHAVESH JADAV



Chitral puthran



DHAIVAL PATANWADI



DIPTI DUBEY



GARIMA KAUSHIK



JAY MEHTA



JUNAID DODHIA



KAUSHAL MARIA



MAURYESH DAVE



NATASHA JADHAV



NINAD ANIL  
CHEMBURKAR



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PIYUSH BAJAJ



POOJA SRIVASTAVA

## BE-CMPN (A DIVISION)



PRASHANT CHAVAN



RAKSHITH GONSALVES



RASHMI AGRAWAL



RAVEENA YADAV



RITESH GIRI



RITESH SAGWEKAR



ROHAN GANDHI



SAGAR SHASHIKIRAN  
CHAVAN



SAGNIK CHAKRABORTY



SHASHANK MISHRA



SHILPA DATTATRAY  
KUMTHEKAR



SHIVAM CHOUDHARY



SHIVAM SUNIL  
PATANWALA



SHRADDHA DHUMALE



SHRADDHA  
SALILPRASAD GUPTA



SHUBHAM GOWDA



SHUBHAM M.



SHUBHAM MISHRA



SIDDHARTH GANDHI



SIDDHI CHECHANI



SRISHITI MISHRA



SUMANSHU R.  
BANDOLIYA



TEJASWI ASHOK  
NINAWA



VEDANT KHANDEWAL



VIDHATA NISSAR



VIDHI MEWADA



VISHAL GUPTA



YASH D.



YASH MEHATA



YASMIN ANSARI



## BE-CMPN (B DIVISION)



AAKASH VAISHNAV



AAVISH



ABHISHEK YADAV



AISHWARY SHUKLA



AKRITI RAI



AMEYA UPADHYAY



AMIT RUNTHLA



ANKIT PRAJAPATI



ANUJ SHINDE



ANUJA SHIRKE



ASHUTOSH SINGH



AYUSH M. SHARMA



BHAKTI GANDHI



DEEPAK YADAV



ESHANI DALVI



HARSH SHAH



HIMANSHU SINGH



JUHI PATIL



KAUSHAL KUMAR  
SHUKLA



KISHAN YADAV



KOUSHAL RAINA



MANISH SINGH



MARMIKA VORA



MAULIK SHARMA



MAYANK SINGH



MAYANK THANVI



NAMASWI  
CHANDARANA



NAYAN SONI



NEELAM PRADHAN



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## BE-CMPN (B DIVISION)



PARTH SANGHVI



PRACHI SINGH



PRASHANT TRIPATHI



RAHUL YADAV



RIDDHI PEDNEKAR



RISHABH PRAKASH



RITIKA TEKRIWAL



RITU SAINI



ROHAN RANDE



ROHIL SINGH



SAHIL CHAVAN



SALONEE SHAH



SANDEEP SORAR



SANDHYA PANDEY



SANDHYA TANDEL



SANJAY YADAV



SARVESH SINGH



SHAMANG SHETTY



SHASHANK PAL



SHIVAM SHARMA



SHRADDHA YADAV



SHREYA RANA



SHREYA RAUT



SHREYASH SHARMA



SHRUTIKA UMESH  
SAUNSHI



SHUBHAM KOTHARI



SHUBHAM RAI



SUBHAM MISHRA



SUBHAM SINGH



SUMEET SHIVGAND

## BE-CMPN (B DIVISION)



SUNIL YADAV



SURESH SONI



SWET SHAH



TARUN CHATURVEDI



TITHI SHARMA



VARUN PRAJAPATI



VEDANT SINGVI



VISHAL SAHANI



YASH SANGANI



YASH SHAH



YASH VITTAL

## BE-EXTC (A DIVISION)



AALIYA ZAMINDAR



AANCHAL AGRAWAL



ABHISHEK GANDHALI



AJIT KUMAR



AKASH M. DUBEY



AKHIL S. YADAV



ANEESH KARWARKAR



ANIKET GUPTA



ANJALI SHARMA



ANKIT MITTAL



BHARAT GARHEVAL



CHAITENYA TAMASKAR



DEEPTI BHARDWAJ



FAIZ SAYYAD



JAIN SHUBHAM



KASHYAP LADOHA



KAILASH CHOUDHARY



KAVITA THAKUR



KESHAV CHOUDHARY



KRISHNA KUMAR GUPTA



KSHITIJ BHADAGE



MALYA MEHTA



MAYUR



MEHUL JAIN



MILIN ARUTLA



NAMAN JAIN



NAVIN LINGAMGAR



NISHANT DEHERKAR



OMKAR ASUKAR



PARAG CHAKRABORTY

## BE-EXTC (A DIVISION)



PARAG KUMAVAT



PAYAL KHANDEWAL



PRATHMESH CHAUBEY



PRATIK AGARWAL



PRINKESH MISHRA



PRIYA GUPTA



PRIYANKA JAISWAL



RAJAN GUPTA



RAVIKANT KHANDEWAL



RIYA



ROHAN JOSHI



SAHIBEALAM BAIG



SHALAKA D. BIRJE



SHUBHAM BAFNA



SHUBHAM GOSWAMI



SHYAMSUNDER C.V



SMRITI BHARDWAJ



SOHAM WARDE



SUBODH GUPTA



SWAPNIL S. KASPALE



TANMAY DESAI



UTSAV A.  
YUNDARANIYA



VAIBHAVI JATHAR



VED SHARMA



VEDANT CHAUDRY



VIGNESH IYER



VIKAS YADAV



VINAYAK KANDU



VIVEK DODIA

## BE-EXTC (B DIVISION)



AACHALA SINGHAI



ABHINAV SHANDILYE



AKSHAY PATIL



arjun sharma



ARSHDEEP KAUR SOOD



ASHISH RAWAT



AYUSHI RATHORE



DARSHANA DAPALE



DINESH PRAJAPATI



GAURAV A. SINGH



GAURAV SINGH



HARSHAL P. SARFARE



HEENA SHEIKH



JASH DESAI



JINIT THAKKAR



KAUSHIK A. MISHRA



KIRAN KAMBOGA



MAHANT YADAV



MANAV NAYAK



MAYUR DHAKAN



MILAN M. SHAH



NEETHU MUKUNDAN



NIKHIL S. SINGH



NIKITA SHARMA



NIRAJ MISHRA



NITIN S. KAMBLE



-----



OMKAR SAKHARAM RAKTE



PRIYA SINGH



RACHANA SAMANT

## BE-EXTC (B DIVISION)



RAGHAV SINGRODIA



RAHUL YADAV



RAJASHREE MADD



ROSHAN JHA



RUPESH TIWARI



RUSHALI PATIL



SANMITH SHETTY



SARAD MESHAM



SAURABH SINGH



SEEMA PANDEY



SHIVAM SINGH



SNEHAL RANSING



SUDEPTO  
MUKHOPADHYAY



SURAJ S. GUPTA



SURAJ SINGH



VINOD S. YADAV



VISHAL RAI



YADAV MUKESH



YASH POOJARI

## BE-IT (A DIVISION)



AADHYA BHATT



AAKASH KAMBLE



ajinkya lotankar



ANAND H. SHARMA



ANCHAL SINGH



ANKITA JAIN



ANURAJ KAPUSHKAR



ARPITA JOSHI



ASHWINI JADHAV



AYUSH JAIN



CHANDRESH VASANI



CHIRAG KODIAL



CHIRAYU KAINYA



DARSHAK BOHRA



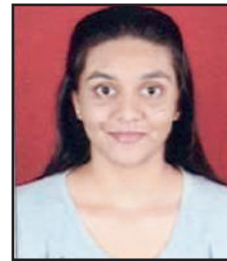
DARSHAN VAKHARIA



DEEPAK KUMAR BEITA



DEEPIKA JAIN



DHARA KANSAGARA



JINAL BANGUR



JULY NAIK



KASHISH KOTHARI



KHUSHBOO BAJAJ



KOMAL JAIN



KUNAL BAGUL



MANASI LAD



MEGAL PATIL



MITALI JADHAV



MUSKAN JINDAL



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## BE-IT (A DIVISION)



NEERAJ KANDU



NEHA GOSAR



NILESH GUPTA



NISHA KODE



NISHI GUPTA



-----



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OM GOTHE



PARTH MODHA



PINKY GUPTA



POOJA NARKE



PRANJAL GUPTA



PRANSHU



PRIYANKA BANDEKAR



RACHIT VERMA



RAGHAV AGRAWAL



RAHUL CHHAJER



RAHUL GHARAT



RAHUL JHA



RAJAT BUHNA



RINAL JAIN



ROHAN JAIN



RUTIKA HARSH



SANJAY DUBEY



SATYAM KUSHWAHA



SAURABH  
MAHAMUNKAR



SHANIDEV JAISWAR



SHRADDHA DWIVEDI



SHYAM SUNDER



SHYAM WAGHELA

## BE-IT (A DIVISION)



SOMYA DHAR



SOURABH GABHANE



SREERAG NAIR



SUSHANT VAISHYA



TANVI BARANWAL



TARAN BEDI



TEJAS FANSAMKAR



VANIKA GUPTA



VATSAL GANDHI



VISHAL S. CHAURASIYA



YASH KHANIVADEKAR

## BE-IT (B DIVISION)



MIHIR MEHTA



MILIND MEHTA



SHRUTI MENDON



AMAN MISHRA



RITESH MISHRA



SHASHANK MISHRA



SHREYA MISHRA



ANKITA MAURYA



SWATHI NAIR



KANIKA NEGI



SHRUTI PANDAY



ASHISH PANDEY



KSHITIJ PANDEY



NIDHI PANDEY



UJWAL PANSARI



VEDIKA PARAB



KAJAL THAKUR



NINAD PARKAR



HARSHIKA PATEL



ADITYA PITRODA



SNEHA PODUVAL



NISHANT PAGHDAR



RUCHI RATHOD



AKSHDEEP RUNGTA



VAIBHAV PRABHU



HARSHIT VADODARIA



RONAK SHAH



SHYAM AGRAWAL



DIVYA SHARMA



RAMJI SHARMA

## BE-IT (B DIVISION)



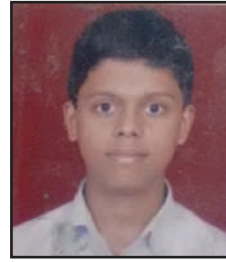
SHREYA SHRIVASTAVA



SIMANT SAH



AMRIT KALASH SINGH



ANUJ SINGH



HARSH SINGH



PRATI KSHA SINGH



KHUSHBOO SINGH



SAURABH SINGH



SHIVAM SINGH



SURAJ SINGH



SURAJ SINGH



GHANSHYAM SUTAR



MILAN TANK



ABHISHEK TIWARI



AKANKSHA TIWARI



POONAM TIWARI



VISHAL TIWARI



AAKASH UPPADHAYA



ANMOL VYAS



ISHAN VYAS



SIDDHARTH VYAS



SHIVAM WAGHELA



JITENDRA YADAV



SANJAY YADAV



JAY KAKLOTAR



SUYASH YADAV



ASIF SHAIKH



SHUBHAM SHARMA



PRASHANT RAINA



MUKESH JOSHI

## BE-IT (B DIVISION)



RIDDHESH DESAI



HIMANSHU SHARMA



KAUSHAL PARIKH



PUNIT MASHRUWALA



HAYAT RAJANI



POOJA SAWANT



SIDDHESH KADAM



NEHA SINGH



RAJ SURVE



PRIYANKA CHOBDAR



MEGHA MISTRY



NUZHAT AFRIN  
CHOUDHARY



PRIYANKA YADAV



ROHIT YADAV



GAURAV SINGH



MUKUNDA  
VISHWAKARMA



KARAN SHUKLA



YASH GOPANI



AKSHAY BADALE

# BE-ETRX



ABDUL KALAM



ABHAY TIWARI



ADITYA . A. ASTHANA



AISHWARYA S. RAJAK



AJAY GUPTA



AKASH SINGH



AKHILA NAIR



AKSHAY ANGWALKAR



AKSHAY KACHHI



AMIT SINGH



AMIT SINGH



ANKIT MISHRA



ANSHUMAN PATHAK



ARPIT MALASI



ASHNA MISHRA



DARSHAN SHAH



HARISH PAL



INESH SINGH



JANHVI TIWARI



JASH K. MEHTA



JAYESH DUBEY



KAUSHAL YADAV



KHUSHALI K. DOSHI



KULDEEP KUMAR  
YADAV



MANTHAN ATUL  
MISTRY



MITESH CHAUHAN



MONIK SANGHAVI



NIDHI D PARMAR



NIKITA MANDALIYA



PANKAJ PANDEY

# BE-ETRX



PRAJAKTA M. PAWAR



RAKESH KANAUJIYA



RAMASHISH



RAMAVATAR JANGID



RAVI KUMAR GUPTA



ROHIT DALVI



SACHIN KUMAR YADAV



SANKET YADAV



SAUMYA SRIVASTAVA



SHAILESH A. RAI



SHESHMANI YADAV



SHIKHAR MEHTA



SHRADDHA THORAVE



SHRUTI MENDON



SHUBHMAY  
KHEBUDKAR



SIDDHANT SINGH



SIDDHESH NAIK



SINGH ASHWINI KUMAR



SUMIT O. SALUNKHE



Trupti Dalvi



UMESH YADAV



VATSAL VAJANI



VINIT MEHTALIA



VINITA VILAS MESTRY



VISHAL JAIN



VISHAL PANDEY

## BE-MECHANICAL (A DIVISION)



ABHISHEK GUPTA



ABHISHEK KADAM



ADITYA DEO



AJAYKUMAR GUPTA



AKSHAY DESAI



AMEY JAUNJARE



AMIT MOURYA



ANAND N.



ANSHUMAN JADHAV



ANURAG ANAND



ARSHIYAN KHAN



BATESHWAR MISHRA



BHAVIK GEDIA



DEEPAK KUMAR MAHTO



DEVANSHU JHAKAL



JASPAL BANSAL



JAY PANCHAL



JAYDEEP GAREJA



JITENDRA DOGRA



KIRANKUMAR KHATRI



MAITRI SHAH



MALVIKA MISHRA



MANGESH BANDARKAR



MOHIT JAIN



MRADUL AGARWAL



MURALI



NIKHIL HAVLIMANE



NISARG KOTHARI



NITIN JAMWAL



PATEL YUSHA  
SHAHNAWAZ MISBAH



## BE-MECHANICAL (A DIVISION)



PRAJAKTA ATALE



PRAMENDRA JHA



PRASHANT JANGID



PRATIK BHANDARI



RAHUL DWIVEDI



RAHUL SHARMA



RAJ KACHHATIYA



RAJESH CHOUDHARY



RAMAN MISHRA



RESHMA MOREKAR



ROHIT BANDIWADEKAR



SACHIN KANDU



SAGAR GUPTA



SAGAR JAGTAP



SAMRUDDHI KADAM



SANJEEV JHA



SARVESH KADAM



SAURABH DUBEY



SHREYAS MAKHARIA



SHUBHAM DUBEY



SHUBHAM MISHRA



SUBHAM KOTIYAL



TAPAS PACHAURI



TARUN AGARWAL



UDDHAV BORHADE



VASANT CHOUDHARY



VIVEK



VIVEK SINGH



YOGESH DAHIPALE

## BE-MECHANICAL (B DIVISION)



AAKASH A. SANGHVI



ADITYA SALUNKHE  
PATIL



ADITYA VERMA



AISHWARYA PILLAI



AJAY KUMAR YADAV



AKASH PAWAR



AKASH SINGH



AKSHAY PATHAK



AMAN RAGHANI



ANKIT SHUKLA



ASHISH SHUKLA



ASHUTOSH  
VISHWAKARMA



CHINMAY S. JANGAM



DAUE FELIX DSOUZA



DAYANAND SINGH



GAURAV SHETTY



GAURAV SINGH RANA



HAREESH PATEL



HARSH PUNAMIYA



KEVAL R SAVLA



KEVIN T. SHETH



KIRTI KANOJIA



KRISHNA PATEL



KULDEEP TIWARI



NIKHIL PATIL



NITIN K. AHER



NITIN KUMAR SINGH



PRASHANT YADAV



QAZIM HUSSAIN



RAHUL YADAV

## BE-MECHANICAL (B DIVISION)



RAJESH KUMAR  
VISHWAKARMA



RAKESH YADAV



RATNESHKUMAR SINGH



RUSHABH RAIKAR



SANJANA SHETTIGAR



SANSKRUTI YADAV



SAVAN SANGHVI



SHARDUL



SHIVSHANKAR  
PRAJAPATI



SHUBHAM YADAV



SUGANDHA SINGH



SUJEET KUMAR



SUMIT TIWARI



SUNNY PANDEY



SUSHANT PATIL



SUSHIL KUMAR YADAV



SWAPNIL SHINDE



VIPIN TIWARI



VIRAL SANKHAVARA

Disclaimer to be added - 28<sup>th</sup> April 2017

# Memories...



# Memories...



# Student Editorial Committee



From Left to Right

Ms. Monica Korlepara, Ms. Ayushi Mankar, Mr. Divij Shah, Mr. Swastik Chavan,  
Mr. Omkar Potdar, Ms. Arshdeep Sood, Prof. Mr. Amol Dapkekar, Ms. Rashi Dhariwal,  
Ms. Mrinal Bageshwari, Ms. Prachi Nagane, Ms. Saloni Shetty, Ms. Dhanshree Kolhe,  
Ms. Priyanka Pundir(Not in the photo)

# Acknowledgement

**W**e the Editorial committee of Quasar 2017 are delighted to present you the summarization of our efforts towards the excellence of our college .This magazine encourages the student to give them a platform to express their original thoughts ,by articles, creativity and relate this treasure of life.

We hope that everyone is associated with our college and brings out an experience of college life through this edition of TCET-Quasar 2017.

We are so grateful for making this edition possible with our constant support of our Chairman ,Trustees, and CEO's of Thakur Educational Group and our Principal Dr. B.K.Mishra.

Our heartily thanks to who has contributed in completion of this edition with captivating layout and design of this magazine.

We are thankful to all who in one way or another has contributed and would like to acknowledge and appreciate the help of our faculty members and students of TCET for the dedication and new ideas to work.

Thank you!

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