

## T.S.E.C. Annual Activity Report for the Academic Year 2016-2017

Our college has been the foundation for many achievers and award winners in different fields.

### **Academic Activities:**

With a passing percentage of 96.56 % out of which 130 students secured distinction and 257 students secured 1<sup>st</sup> class, T.S.E.C. has proved its superiority amongst the engineering colleges affiliated to the University of Mumbai. Our Biotechnology branch emerged with 100% result.

Prof. Shachi Natu from IT dept has completed her Ph.D.

Akhil Subramanian, student of Chemical Engineering scored All India Rank 66 in GATE 2017

Vakil Darshit, student of Computer Engineering scored All India Rank 340 in GATE 2017

### **Cultural Activities:**

T.S.E.C. provides just about the perfect support needed to excel in non- academic activities. The Cultural committee had celebrated avalanche for first year students, Women's day to felicitate female faculty, Republic day, traditional day, and Trifles 18.

Our drama team made their presence strongly felt by securing the 1<sup>st</sup> position at SP Jain Institute of Management and research.

### **Sports Achievements:**

The Sports team successfully organized the inter college Sports festival Yudh .Our student Karan Sharma emerged as a winner from Tennis Tournaments organized by DJ Sanghvi. K J Somiya and Xavier Institute of Technology. Neha Ture represented Mumbai University in the National level football Tournament and secured the second Position. Rachana Gowde represented Mumbai University in the National Aquatic Championships- organized by Panjab University, Chandigarh. Kunal Punjabi won the gold medal in district level swimming competition.

The Sports Committee organized a Marathon Run which was a grand success and saw more than 1000 participations.

### **Research Activities:**

Dr. Mita Bhowmic from Bio Medical and Dr.M.Mani Roja from EXTC, received research grant from Mumbai University for their research proposals.

Under the guidance of our principal Dr. G.T. Thampi and Dr. J.W.Bakal, five PhD research scholars have been awarded PhD degrees from TSEC's research center affiliated with Mumbai University.



**Research Publications from TSEC:**

Dr. G. T. Thampi- 2

IT		EXTC		COMP		BIO Medical	
Dr. Madhuri Rao	1	Dr. Ashwini Kunte	1	Dr. Tanuja Sarode	7	Dr. Mita Bhowmick	1
Ms. Shanthi Therese	3	Dr. Mani Roja	4	Dr. Archana Patankar	6	Ms. Gauri Sukla	1
Mr. Sanjay Pande	2	Ms. Anushree Gupta	1	Mr. Jayant Gadge	1	Mr. Dhananjay Theckedath	1
Ms. Shachi Natu	1	Ms. Neeru Patak	1	Ms. Seema Kolhkur	2		
		Mr. Amit Hatekar	1	Ms. Arti Deshpande	3		
				Ms. Shilpa Verma	1		

Chemical	No
Dr. Sadhana J Purohit	1
Prof. Usha Nambiar	1

**FDP/STTP/Conference attended by faculty members:**

Name of teacher	Title of the program
Dr. Arun Kulkarni	STTP on Wavelet Transforms and its Applications: Hands on
Dr. Seema Kolkur	Use of Open Source Software in Research
Dr. Ujwala Bharambe	IEEE conference on Geoscience and Remote Sensing (IGARSS) IEEE International Geoscience and Remote Sensing Symposium 2016, Beijing, China
Vaishali Suryawanshi	2- week AICTE Sponsored QIP on "Machine learning tools and applications", VJTI, MUMBAI
Dr. Mansha Kotwani	University of Mumbai DST-purse funded six day National workshop on "An Introduction to Matrix Groups"
Dr. Poonam Soni	DST-Purse funded Six Day National Workshop on "An Introduction to Matrix Groups" conducted by the Department of Mathematics, University of Mumbai



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### **Social Activities by NSS**

- Swacch Bharat Abhiyaan was conducted at NSS adopted village Belkadi (Vasai Road).
- Projects like Assisting a blind child, Teach to Preach ,Joy of Giving and Blood Donation Drives were organized by NSS team.
- NSS team has also constructed a small dam at the waterfall site of Anandwadi .

### **E-Cell Activities**

TSEC Entrepreneurship Cell blossomed this year and conducted its very first intra-college project exhibition on the 23rd of February, 2017. The day saw 16 judges from various industries take a keen professional interest in the projects and research papers that were presented by the students of the college.

### **Professional committee Activities**

Through the Technical committees ISTE, IETE, CSI, IChE, code cell and IEI, many training programs, technical paper presentations, coding competitions and quiz programs have been organized through out the year to impart technical knowledge among students. Management skills were groomed by the Management society.

### **Institute Industry Interaction**

To keep the students up-to-date on the new developments in the industry, guest lectures and seminars were conducted.

- One week Training Program on Satellite Communication at BSNL, YEUR Earth station took place from 2nd Jan to 6th Jan 2017.
- An Industrial Visit to Godrej and Boyce at Vikhroli was organized on 12th Jan 2017.
- A visit to NM Medical Center was organized to understand the principle of Medical Imaging Modalities on 13<sup>th</sup> April 2017.
- Visit to KEM hospital & G S Medical College were arranged on 4th and 6th October 2016 respectively.
- Guest lectures on ‘VLSI and Embedded System Design’, Fuzzy Logic Application, Cloud Computing and sustainability were conducted by industry experts for the students

- Course on IBM SPSS, a statistics software generally used for data mining and a Certification course by Microsoft on cyber security were organized
- workshop ‘Design for Life’ was conducted by Illumine labs and a workshop on Total Knee Replacement was conducted at Yogi Kripa Pvt. LTd

The Biomedical department of TSEC was selected by the University of Mumbai to carry forward its mission of reaching the unreached and that of conquering newer horizons of knowledge under university oration Series talk program.. Dr A. H. Bandivdekar from National Institute for Research in Reproductive Health, delivered a talk on “Use of Biotechnology in Management of Reproductive Health.

**Placements:**

Placements during 2016-17 were as usual over the top with our students having received 360 offers. In all, 292 students were placed out of 310 eligible students.

Overall, the academic year 2016-17 was a very successful one, setting the bar for future batches. We believe that this list will increase in the years to come and hence encourage more students to pursue their desires with passion.



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