

T.S.E.C. Annual Activity Report for the Academic Year 2018-2019**Academic Activities:**

With a passing percentage of 97% out of which 473 students secured 1st class, T.S.E.C. has proved its superiority amongst the engineering colleges affiliated to the University of Mumbai. Our Biotechnology and Computer Engineering branches emerged with 100% result.

We are very proud to announce that 10 faculty from TSEC have completed their PhD during this academic year.

- **Smart India Hackathon** : Students of IT department won the first prize in Smart India Hackathon held at Coimbatore.
- Students of third year IT won the second prize at Codestorm Hackathon

Cultural Activities:

T.S.E.C. provides just about the perfect support needed to excel in non- academic activities. The Cultural committee had celebrated Women's day to felicitate female faculty and students, Republic day, traditional day, and Trifles 19.

Our street play team made their presence strongly felt by securing the 1st position at IIM Ahmadabad, IIM Kozikode, Xavier Institute of Technology, SPIT, Nair Medical College, Atharva College of Engineering, Vidyalankar Institute of Technology and KJ Somiya College of Engineering and research. Also our dance team won first position at IIM Ahmadabad.

Sports Achievements:

Our football team secured first position in Enthusia 2018 at VJTI. BE EXTC student Karan Sharma emerged as a winner from Tennis Tournaments organized by K J Somiya and Xavier Institute of Technology. The Sports Committee organized a Marathon Run which was a grand success and saw more than 800 participations.

Research Activities:

Total of 13 PhD research scholars have been awarded PhD degree during 18-19 from TSEC's research center affiliated with Mumbai University.

Research Grant

Name of the faculty	Project Title	Project Type Research/Consultancy	Funding Agency	Amount (Rs)	Duration

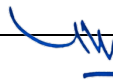
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Dhananjay Theckedath	Deep learning	Research	Nvidia Corporation	1,50,000	Open
Anuradha Mistry	Alerting System for Technology Induced Neck Pain	Minor research grant	Mumbai University	15,000/-	2018-2019

FDP/STTP/Conference attended by faculty members:

S.No.	Name of teacher	Title of the program
1.	Dr. G. T. Thampi	Attended One Week AICTE-ISTE approved STTP on Digital Forensics:Tools, Techniques and Current Trends
2.	Monica G. Tolani	Attended One Week AICTE-ISTE approved STTP on Digital Forensics:Tools, Techniques and Current Trends
3.	Monica G. Tolani	Attended in the 4th World Summit on Accreditation organized by National Board of Accreditation
4.	Dr.Shanthi Therese S.	Artificial Intelligence and Deep Learning held at Fr. Conceicao Rodrigues College of Engineering, Mumbai from conducted by leadingIndia.ai
5.	Dr.Shanthi Therese S.	Attended One week AICTE-ISTE approved STTP on Digital Forensics at TSEC
6.	Vijal Jain	Attended One week AICTE-ISTE approved STTP on Digital Forensics at TSEC
7.	Dr. Shachi Natu	One week AICTE-ISTE approved STTP on Digital Forensics
8.	Dr. Shachi Natu	Completed AICTE approved 12 week FDP on Machine Learning for Engineering and science applications from NPTEL
9.	Geeta Karande	Attended One week AICTE-ISTE approved STTP on Digital Forensics at TSEC



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10.	Nagaveni Hebbar	Co-ordinated and attended One week AICTE-ISTE approved STTP on Digital Forensics at TSEC
11.	Dr. Arun Kulkarni	One week FDP On ANN and Deep Learning
12.	Sanober Shaikh	One week AICTE-ISTE approved STTP on Digital Forensics
13.	Kumkum Saxena	Attended One week AICTE-ISTE approved STTP on Digital Forensics at TSEC
14.	Dr. Gopal Pardesi	Faculty Development Program for Student Induction (FDP-SI)
15.	Dr madhuri Rao	Attended One week AICTE-ISTE approved STTP on Digital Forensics at TSEC
16.	Dr. Tanuja Sarode	ISTE approved STTP on Infrastructure and Cybersecurity
17.	Ms. Darakhshan Khan	AI and Machine Learning
18.	Dr. Archana B. Patankar	AICTE-ISTE aproved Induction-Refresher Programme on Web Technology - New Trends
19.	Dr. Seema Kolkur	AI and Deep Learning
20.	Manisha P. Dumbre	Attended AICTE approved Workshop on “Machine Learning with Python” at TSEC bandra
21.	Shilpa Ingoley	Attended AICTE approved Workshop on “Machine Learning with Python” at TSEC bandra
22.	Dr. Arti Deshpande	one week STTP on Machine Learning with Python approved by AICTE and in association with IIT Roorkee
23.	Vaishali Suryawanshi	2-Week AICTE sponsored FDP on “Consumer Electronic Product Design, Testing, Reliability and Patenting”, SPIT, Mumbai
24.	Vaishali Suryawanshi	12-Week NPTEL-AICTE Approved FDP on “Deep Learning”, IIT, Kharagpur,
25.	Dr Maniroja Edinburgh	one week Internship on Raspberry Pi with IoT Environment
26.	Anushree Gupta	one week Internship on Raspberry Pi with IoT Environment



27.	Anushree Gupta	Attended 7 days FDP on student Induction organized by AICTE
28.	Uttara Bhatt	one week Internship on Raspberry Pi with IoT Environment
29.	Uttara Bhatt	Attended one week FTP organised by AICTE and L & T
30.	R.R.JOSHI	Analysis of modern manufacturing processes
31.	Sangita Gaikwad	Recent Advances in Chemical Engineering(SSJCOE,Dombivali)
32.	Dr. Trupti Dharmarao	Recent Advances in Chemical Engineering(SSJCOE,Dombivali)
33.	Ramesh Bhande	Analysis of modern manufacturing processes
34.	Prasad J. Parulekar	Analysis of Modern Manufacturing Processes
35.	ANURADHA B MISTRY	CEQIP-STC on "Sustainable Engineering: Theory and Practice"
36.	ANURADHA B MISTRY	AICTE-ISTE Approved STTP: Digital Forensic: Tools, Techniques and Current Trends
37.	ANURADHA B MISTRY	CEQIP-STC on "Biology for Engineers"
38.	ANURADHA B MISTRY	CEQIP -STC on "Laboratory and Ergonomic Safety for Engineers"
39.	Rithesh Kini	AICTE-ISTE Approved One-Week Short Term Training Program on "Digital Forensics: Tools, Techniques & Current Trends"
40.	Rithesh Kini	AICTE-ISTE Approved One-Week Short Term Training Program on "Machine Learning & Artificial Intelligence: Application, Challenges & Research Opportunities"
41.	Bharati Ingale	AICTE-ISTE approved Induction/Refresher Programme " Industrial Automation: Hands on"
42.	Bharati Ingale	4th World Summit on Accreditation: Challenges & Opportunities in Outcome Based Accreditation

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43.	Dr. Rita Sharma	AICTE-ISTE Approved STTP on ‘Contemporary Trends and Practices in Inter-personal Communication and Business Arbitration’
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Social Activities by NSS

- Projects like assisting a blind child, Teach to Preach, Joy of Giving and Blood Donation Drives were organized by NSS team.

E-Cell Activities

TSEC Entrepreneurship Cell conducted its third intra-college project exhibition. 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.

Publications from TSEC:

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Computer Engineering dept

Sr. No	Faculty Name	Published Research Paper	Book
1	Dr. Tanuja Sarode	5	--
2	Dr. Archana Patankar	4	--
2	Sakshi Surve	1	--
3	Ujjwala Bharambe	1	--
4	Dr. Arti Deshpande	2	05
5	Aejazul Khan	2	--

Faculty Name	No. of Publications
Dr. G.T. Thampi	3
Dr. Madhuri Rao	2
Dr. Gopal Pardesi	1
Dr. Shanthi Therese	1
Prof. Nagaveni Hebbar	1
Prof. SanjayKumar Pandey	1
Prof. Reshma Malik	1
Prof. Sanober Sultana Shaikh	1
Prof. Nikhilesh Joshi	1
Prof. Bhushan Jadhav	2



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Maths		EXTC		Chemical		BIO Medical	
Dr. Mansha Kotwani	3	Dr. Ashwini Kunte	5	Dr. Anita Kumari		Dr. Mita Bhowmick	2
Dr. Poonam Soni	3	Dr. Mani Roja	3	Dr. SJ Purohit		Prof. Dhananjay Theckedath	1
Gaurav Mithal	4	Ms. Shristi Bhatia	1	Prof. Nita Metha		Dr. Gauri M Shukla	1
		Mr. Amit Hatekar	2	Prof. Elizabeth Joseph		Prof. Anuradha Mistry	1
				Prof. Karuna Saswani		Prof. Dhananjay Theckedath- books	4

From Mathematics Department

-3 -3 Gaurav Mithal-4

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.

Guest lectures and workshops to build the gap between Institute and Industry

- One week workshop on “Internet of Things and its Applications”, Hands on workshop on Python Programming, also a workshop on carrier in Armed forces were arranged by EXTC dept.
- Guest lectures on Laboratory Diagnostics, FDA Compliance Verification Methodology and DICOM for Medical Imaging were arranged for Biomedical students.
- Department of Information Technology has organized one week AICTE-ISTE approved STTP on Digital Forensics: Tools, Techniques and Current Trends”
- Department of Information Technology has successfully organized first time in the history Thadomal Shahni Engineering College 24 hours Hackathon convened by Dr. G. T. Thampi.
- International Conference on Efficacy of Software Tools for Mathematical Modelling (ICESTMM)2019 was organized by Mathematics department.

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- STTP on Machine Learning with Python is conducted by Computer Engineering Department
- Workshop on “ML and Neural Network” was organized by Computer Engineering Department

Institute Industry Interaction

To keep the students up-to-date on the new developments in the industry, Industrial Visit has been organized to satellite training centre Pune. Visit to BARC also arranged on 26th Feb 2019. T.E Bioedical students visited Kokilaben Dhirubhai Ambani Hospital for understanding the equipment of OT and ICU in the Accident and Emergency department . An Educational Visit to the All India Institute of Physical Rehabilitation and Medicine, Haji Ali.and Visit to the Rehabilitation Center and Behavioral Intervention for Lifestyle Disorders (BILD) clinic of Deenanath Mangeshkar Hospital, Pune were arranged for Biomedical engineering students

Placements:

Placements during 2018-19 were as usual over the top. In all, 342 students were placed out of 465 eligible students .Over 50 Industry visited our campus for recruitment during this year.

Overall, the academic year 2018-18 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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