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 1st 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 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.

Dr. G. T. Thampi
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Thadomal Shahani Engineering College
Bandra (W), Mumbai - 400 050.

THADOMAL SHAHANI ENGINEERING COLLEGE

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.ArchanaPatankar	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, IIChE, E-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 13th 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

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- 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.

Dr. G. T. Thampi
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T.S.E.C. Annual Activity Report for the Academic Year 2017-2018

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

Academic Activities:
With a passing percentage of 8.7 % 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, Bio Medical and Computer Engineering branches emerged with 100% result. Ms. Bhavi Shah from Biomedical department scored a perfect 10 SGPA from semester IV – VIII.

Prof. Aarti Despande from Computer Department dept has completed her Ph.D during this academic year.

Mr. Pratik Jugat scored 98 percentile in CAT. Apart from this, Mr. Yash Gondkar has won state level coding competition named as SEED IT Idol organized by SEED Infotech Ltd.

Dr. Tanuja K. Sarode was elected as Academic Council member of Mumbai University.

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 and students, Republic day, traditional day, and Trifles 18.

Our street play team made their presence strongly felt by securing the 1st position at IIM Kozhikode, Xavier Institute of Technology, SPIT, Nair Medical College, Atharva College of Engineering, Vidyalankar Institute of Technology and KJ Somiya College of Engineering 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 K J Somiya and Xavier Institute of Technology. The Sports Committee organized a Marathon Run which was a grand success and saw more than 1000 participations.

Research Activities:

Under the guidance of our principal Dr. G.T. Thampi, one PhD research scholars have been awarded PhD degree, 6 scholars have submitted their thesis and 5 have submitted their synopsis from TSEC's research center affiliated with Mumbai University.

Research Publications from TSEC:

Dr. G. T. Thampi
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Dr. G. T. Thampi- 2

Computer Engineering dept

1	Dr. Tanuja Sarode	6
2	Dr. Archana Patankar	7
3	Mr. Jayant Gadge	3
4	Ms. Shilpa Verma	2
5	Ms. Seema Kolkur	4
6	Ms. Tasneem Mirza	1
7	Ms. Sakshi Surve	1
8	Ms. Ujwala Bharambe	1
9	Ms. Sonal Shroff	1
10	Ms. Vaishali Suryawanshi	1
11	Ms. Ruhi Bajaj	4
12	Ms. Vijaya Padmadas	2
13	Ms. Arti Deshpande	4
14	Mr. Aejazul Khan	3

IT		EXTC		Chemical		BIO Medical	
Dr. Madhuri Rao	4	Dr. Ashwini Kunte	5	Dr. Anita Kumari	1	Dr. Mita Bhowmick	1
Ms. Shanthi Therese	1	Dr. Mani Roja	5	Dr. SJ Purohit	3		
Mr.Nikilaesh Joshi	1	Ms. Vijayalakshmi Badre	1	Prof. Nita Metha	1		
DR. Darshan Ingale	2	Ms. Shristi Bhatia	1	Prof. Elizabeth Joseph	2		
		Mr. Amit Hatekar	1	Prof. Karuna Saswani	1		

From Mathematics department

Dr. Mansha Kotwani-1 Ms. Poonam Soni -1

Dr. G. T. Thampi
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FDP/STTP/Conference attended by faculty members:

S.No.	Name of teacher	Title of the program
1	Monica G. Tolani	AICTE-ISTE Approved One Week STTP on Programming with Python & R
2	Monica G. Tolani	AICTE-ISTE Approved One Week STTP on Accreditation Procedure: NBA & NAAC
3	Dr.Shanthi Therese S.	One week AICTE-ISTE approved STTP on "Internet of Things and It's Applications" from at TSEC
4	Dr.Shanthi Therese S.	Attended One week AICTE-ISTE approved STTP on Programming with Python and R from at TSEC
5	Vijal Jain	AICTE-ISTE Approved One Week STTP on Programming with Python & R
6	Dr. Shachi Natu	AICTE-ISTE approved One week STTP on Internet of Things and its Applications
7	Dr. Shachi Natu	AICTE-ISTE approved one week STTP on Python and R Programming
8	Dr. Shachi Natu	AICTE-ISTE Approved One Week STTP on Accreditation Procedure: NBA & NAAC
9	Nagaveni Hebbar	AICTE-ISTE approved One week STTP on Internet of Things and its Applications
10	Nagaveni Hebbar	AICTE-ISTE approved one week STTP on Python and R Programming
11	Reshma Malik	AICTE-ISTE approved One week STTP on Internet of Things and its Applications
12	Reshma Malik	AICTE-ISTE approved one week STTP on Python and R Programming
13	Geeta Karande	AICTE-ISTE approved One week STTP on Internet of Things and its Applications
14	Dr. Arun Kulkarni	TEQIP-III sponsered one week STTP on Machine Learning using Python
15	Sanober Shaikh	AICTE-ISTE approved One week STTP on Internet of Things and its Applications
16	Sanober Shaikh	AICTE-ISTE approved one week STTP on Python and R Programming
17	Kumkum Saxena	AICTE-ISTE approved One week STTP on Internet of Things and its Applications
18	Kumkum Saxena	AICTE-ISTE approved one week STTP on Python and R Programming

19	Dr. Gopal Pardesi	AICTE-ISTE approved one week STTP on Python and R Programming
20	Dr Madhuri rao	AICTE-ISTE approved one week STTP on Python and R Programming
21	Dr Madhuri rao	AICTE-ISTE approved One week STTP on Internet of Things and its Applications
22	Sampada Pinge	Attended AICTE-ISTE approved One week STTP on Internet of Things and its Applications
23	Sampada Pinge	Attended AICTE-ISTE approved one week STTP on Python and R Programming
24	Tasneem Mirza	Internet of Things & its Applications
25	Ms. Nabanita Mandal	Internet of Things & its Applications
26	Ms. Nabanita Mandal	Programming with Python & R
27	Ms. Nabanita Mandal	Perl & Python
28	Dr. Tanuja K. Sarode	ISTE Approved STTP on Internet of Things & its Applications
29	Dr. Tanuja K. Sarode	AICTE-ISTE Approved One Week STTP on Programming with Python & R
30	Ms. Darakhshan Khan	Internet of Things & its Applications
31	Ms. Darakhshan Khan	Programming with Python & R
32	Ms. Darakhshan Khan	Perl & Python
33	Dr. Seema Kolkur	Accenture Learning Symposium on "Deep Learning and DevOps"
34	Dr. Seema Kolkur	ISTE Approved STTP on Internet of Things & its Applications
35	Dr. Archana B. Patankar	ISTE Approved STTP on Internet of Things & its Applications
36	Sonal Shroff	ISTE Approved STTP on Internet of Things & its Applications
37	Rupali Sarode	Attended AICTE-ISTE approved Induction/refresher programme on "Industrial Python Programming" conducted by A.C.Patil College of engineering, Kharghar, Navi Mumbai
38	Rupali Sarode	Attended AICTE-ISTE approved Induction/refresher programme on "IOT and its applications" conducted by Thadomal Shahani Engineering College Bandra(w)
39	Manisha P. Dumbre	Attended AICTE-ISTE approved Induction/refresher programme on "IOT and its applications" conducted by Thadomal Shahani Engineering

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40	Manisha P. Dumbre	Attended AICTE-ISTESTTP on "Python language and application" at S.H.JohndhaleCollege ,Dombivli(East)
41	Manisha P. Dumbre	Participated in FDP on Perl and Python at Fr AgnelEngg college Bandra(w)
42	Shilpa Ingoley	Attended AICTE-ISTE approved Induction/refresher programme on "IOT and its applications" conducted by Thadomal Shahani Engineering College Bandra(w)
43	Shilpa Ingoley	AICTE-ISTE Approved One Week STTP on Programming with Python & R, conducted by Thadomal Shahani Engineering College Bandra(w)
44	Urvi Kore	Attended AICTE-ISTE approved Induction/refresher programme on "IOT and its applications" conducted by Thadomal Shahani Engineering College Bandra(w)
45	Anagha Durugkar	Internet of Things & its Applications
46	Sakshi Surve	Attended AICTE-ISTE approved Induction/refresher programme on "IOT and its applications" conducted by Thadomal Shahani Engineering College Bandra(w)
47	Dr. Arti Deshpande	AICTE approved (FDP101x) conducted by IIT Bombay (MHRD) on " Foundation Program in ICT Education"
48	Dr. Arti Deshpande	AICTE approved (FDP201x) conducted by IIT Bombay (MHRD) on "Pedagogy for Online and Blended Teaching-Learning Process"
49	Dr. Arti Deshpande	Internet of Things & its Applications
50	Vaibhav Ambhire	AICTE-ISTE Approved One Week STTP on Programming with Python & R, conducted by Thadomal Shahani Engineering College Bandra(w)
51	Vaishali Suryawanshi	2- week AICTE Sponsored QIP on "Machine learning tools and applications", VJTI, MUMBAI
52	Vaishali Suryawanshi	1-Week AICTE-ISTE STTP approved STTP on "Internet of Things and It's applications", TSEC (Bandra (W)
53	Dr Maniroja Edinburgh	DTE & L & T sponsored FDP on Trends and practices in Electronics/ Electrical manufacturing industries at L & T
54	Anushree Gupta	DTE & L & T sponsored FDP on Trends and practices in Electronics/ Electrical manufacturing industries at L & T
55	Uttara Bhatt	AICTE-ISTE Approved Internet of things& its Application
56	Nita Mehta	"SAFETY IN CHEMICAL ENGG EDUCATION"
57	Gauri Shukla	Induction/ refresher programme "Internet of Things and its Application'
58	ANURADHA B MISTRY	Induction/Refresher Programme: Sensor Technology and Innovations
59	Rithesh Kini	AICTE-ISTE Approved One-Week Short Term Training Program on "PROGRAMMING WITH PYTHON AND R"

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60	Rithesh Kini	AICTE-ISTE Approved One-Week Short Term Training Program On "Sensor Technology and Innovations"
61	Bharati Ingale	One week AICTE-ISTE approved STTP on "Internet of Things and It's Applications" from at TSEC
62	Bharati Ingale	New NAAC Accreditation Process-Road Map for Higher Eduction
63	Praseeda Nambisan	UGC Sponsored Refresher course in Biosciences
64	Dr. Mansha Kotwani	QIP Short term program on "Finite element Method and Error Approximation"

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 conducted its second intra-college project exhibition on the 8th March. 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, IIChE, 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 AICTE-ISTE STTP on "Internet of Things and its Applications" and Guest Lecture on Mobile Developing App were organized by Computer Department
One week AICTE-ISTE STTP on Python and R, guest lectures on Search Engine Optimization, and Google Analytic and Keyword Generation were organized by IT department.
One Week ISTE Approved STTP on "Leveraging Digital content to build productive class room Engagement" by Humanities department.
Two days process engineering workshop by Neon InfoTech Guest lecture on studies in Desulfurization of transportation fuels and Guest lecture on P & ID, was organized for chemical students
Workshop on X-rays and Ultra sounds by Siemens Healthineers , Ardino workshop by Free Software movement Maharashtra, Guest lectures on Challenges in Biomedical Engineering, Job opportunities in Biomedical Engineering, Recent advances in Spiral CT and PET CT, Guest lecture on An introduction to Rehabilitation Engineering and Higher education in Ireland were organized by Biomedical department

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Workshop on Solar panel design , Ardino and IOT were organized by EXTC Dept

Institute Industry Interaction

To keep the students up-to-date on the new developments in the industry, guest lectures and seminars were conducted. Industrial Visit has been organized to copper track industries on 10th April 2018

Industrial visit to Nanavati hospital was arranged by Biomedical Engineering department

Special achievements

➢ Our passed out Student Divyashree Shinde became scientist in ISRO by securing AIR 3 in 2017 and Rohan Patil secured First position in Maharashtra in IES exam 2018.

Placements:

Placements during 2017-18 were as usual over the top with our students having received 313 offers. In all, 287 students were placed out of 357 eligible students with makes whooping 80%. Placement

Overall, the academic year 2017-18 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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THADOMAL SHAHANI ENGINEERING COLLEGE

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

Dr. G. T. Thampi
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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 Cybersecirity
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

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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: Handos on"
42.	Bharati Ingale	4th World Summit on Accreditation: Challenges & Opportunities in Outcome Based Accreditation

43.	Dr. Rita Sharma	AICTE-ISTE Approved STTP on 'Contemporary Trends and Practices in Inter-personal Communication and Business Arbitration'

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:

Dr. G. T. Thampi- 2

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

Dr. G. T. Thampi
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THADOMAL SHAHANI ENGINEERING COLLEGE

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, IIChE, 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.

- STTP on Machine Learning with Python is conducted by Computer Engineering Department

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- 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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THADOMAL SHAHANI ENGINEERING COLLEGE

T.S.E.C. Annual Activity Report for the Academic Year 2019-2020

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

Academic Achievements:
With a passing percentage of 100%, out of which 269 students secured above 7.5 Pointer. Congrats to TSEC and students and also a small thanks to online exams and corona.

Prof. Jeyant Gadge, Prof. Arun Kulkarni, Prof.Gopal Pardesi, Prof. Bhushan Jadhav Prof. Seema Kolukar, Prof. Ujawala Bharambe Prof. Gauri Sukla and Prof. Poonam Soni Prof. Elizabeth Joseph and Prof. Shanti Terese have completed Phd degree during this academic year. Indeed a great achievement.

Cultural Activities:
 T.S.E.C. provides just about the perfect support needed to excel in non- academic activities which is evident in the achievements of the cultural contingents in various competitions. Cultural committee had celebrated women's day to felicitate female faculty, Republic day, colorful traditional day, TSEC awards day and Trifles 2020. Our dance team made their presence strongly felt by securing the 1st position at IIT Gandhi Nagar and IIM Ahmedabad. Our drama team also won first prize at at IIT Gandhi Nagar.

Sports Achievements:
Our cricket team reached the semifinals at VJTI Enthusia and our first year student Vedant Agarwal got selected to represent Mumbai university at the west zone inter university tournament. Adil Mukhi from the Computer Engg. Department was a part of the team that represented India at the World throw ball Championship 2019 in Malaysia and emerged as the champions making our country proud. Udit Gupta from BT won Gold Medal in 10 M Air Rifle in Mumbai Games 2019 and Silver Medal in West zone shooting competition.

Placements:
Placements during 2019-20 were as usual over the top having received 217 offers. In all, 204 students were placed out of 340 eligible students. A maximum salary 19.9 lakhs was offered to our students.

Research Activities:
Principal Dr. G. T. Thampi Dr. Mani Roja from EXTC, Dr. Ramesh Bhande from Chemical, Dr. Bhushn Jadhav, Prof. Sampada Pinge, Prof.Vijal Jain from IT and Dr. Gauri Sukla from Biomedical received research grants from Mumbai University for their research proposals.
Nine PhD research scholars have been awarded PhD degree from TSEC's research center affiliated with Mumbai University.
Research Publications from TSEC:

Sr.No.	Name of Faculty- Maths	Number of Publications
1.	Dr. Poonam Soni	01
2.	Dr. Mansha Kotwani	01

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3.	Prof. Gaurav Mittal	03	
4.	Dr. Tushar Parulekar	03	

Faculty Name- IT	No. of Publications
Dr. G.T. Thampi	7
Dr. Madhuri Rao	4
Prof. Archana Kale	1
Dr. Shanthi Therese	1
Prof. Nagaveni Hebbar	1
Prof. Kumkum Saxena	2
Prof. Monica Tolani	1
Dr. Gopal Pardesi	Published 1 book
Dr. Bhushan Jadhav	Published 3 books

Faculty Name-EXTC	No. of Publications
Dr. Ashwini Kunte	4
Dr. Mani Roja	3
Prof. K. K. Mathew	1
Prof. Medha Somalwar	1
Prof. Shrishti Bhatia	2
Prof. Uttara Bhatt	1
Prof. Amit Hatekar	2
Prof. Manoj Kavedia	2

Sr.No.	Name of Faculty- Computer	Number of Publications
1.	Dr. Tanuja K. Sarode	07
2.	Dr. Archana Patankar	03
3.	Dr. Shilpa Verma	02
4.	Dr. Seema Kolkur	02
5.	Prof. Urvi Kore	01
6.	Prof. Nabanita Mandal	01

Sr.No.	Name of Faculty- Biomedical	Number of Publications
1.	Dr. Gauri Sukla	01
2.	Prof. Tanveer	01
3.	Prof. Anuradha mistry	01
4.	Prof. Dhananjay Theckedath	02 Books reprint

Sr.No.	Name of Faculty- Bio Tech	Number of Publications
1.	Prof. Praseeda Nambisan	02
2	Prof. Sruthi Menon	01

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Sr.No.	Name of Faculty-Chemical	Number of Publications
1.	Dr. Anita Kumari	02
2.	Dr S. J. Purohit	03
3.	Dr. Elizabeth Joseph	03

FDP/STTP/Conference attended by faculty members:

Sr. No.	Name of teacher who attended	Title of the program
1.	Monica G. Tolani	Attended AICTE-ISTE approved STTP on Leveraging Digital Content To Build Productive Class Room Engagement
2.	Monica G. Tolani	Attended FDP on "Usage of Technology in Covid-19"
3.	Monica G. Tolani	Attended FDP on Online Teaching & E-content.
4.	Dr.Shanthi Therese S.	Attended AICTE Sponsored Two week Faculty Development Program on Pedagogy of Signal processing and its Applications , at RAIT ,Nerul , Navi Mumbai
5.	Vijal Jain	Attended 5 days FDP on R-Programming at Sinhgad Institute of Technology and Science, Pune in association with Spoken Tutorial IIT Bombay
6.	Vijal Jain	Attended 1 week STTP on Recent Trends and Applications of Machine Learning and Deep Learning at RAIT, Navi Mumbai
7.	Vijal Jain	Attended 1 week STTP on 3. Matlab based teaching-learning in mathematics, science and engineering at RAIT, Navi Mumbai in collaboration with DesignTech Systems Pvt Ltd.
8.	Dr.Shanthi Therese S.	Completed 5 days workshop on data analytics from conducted by Bennett university
9.	Dr. Shachi Natu	One week STTP on "Infrastructure and Cyber Security"

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10.	Dr. Shachi Natu	Five days FDP on "Advanced Deep Learning" by LeadingIndia.ai
11.	Dr. Shachi Natu	Completed 5 days workshop on data analytics from conducted by Bennett university
12.	Dr. Shachi Natu	AICTE approved 04 week FDP on Python for Data science from NPTEL
13.	Dr. Arun Kulkarni	One week STTP on "Infrastructure and Cyber Security"
14.	Sanober Shaikh	Disruptive Technolgies of Industry 4.0
15.	Sanober Shaikh	ISTE approved STTP on "Python Basics, Machine Learning & Blockchain" organised by Computer Engineering Department of KJSIEIT from 8th June 2002 to 13th June 2020.
16.	Kumkum Saxena	Attended 1 week STTP on Matlab based teaching-learning in mathematics, science and engineering at RAIT, Navi Mumbai in collaboration with DesignTech Systems Pvt Ltd.
17.	Kumkum Saxena	Attended 5 days webinar series in SJCEM
18.	Dr. Gopal Pardesi	Leveraging Digital Content to Build Productive Class Room Engagement"
19.	Dr. G. T. Thampi	Attended AICTE online workshop on Universal Human Values on the theme "Inculcating Universal Human Values in Technical Education"
20.	Sampada Pinge	One week FDP on Leveraging Digital Content to Build Productive Class Room Engagement
21.	Sampada Pinge	one week online Faculty Development Program on "Advances in Internet Of Things"
22.	Sampada Pinge	one week online Faculty Development Program on "DATA SCIENCE"
23.	Sampada Pinge	Two weeks online Faculty Development Program on "Emerging Research Trends in Computer Science and Technology"

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24.	Tasneem Mirza	Recent Trends and Applications of Machine Learning and Deep Learning in IT
25.	Tasneem Mirza	Usage of Technology in Covid-19
26.	Tasneem Mirza	Research Funding projects and IPR
27.	Dr. Seema Kolkur	FDP on Artificial Intelligence
28.	Dr. Seema Kolkur	Disruptive Technolgies of Industry 4.0
29.	Dr. Seema Kolkur	FDP on Data Science
30.	Dr. Seema Kolkur	ISTE Approved STTP on "IT for Sustainability"
31.	Dr. Seema Kolkur	Innovative Trends in Engineering and Technology
32.	Dr. Seema Kolkur	Recent Trends & Applications of Machine Learning and Deep Learning in IT
33.	Dr. Seema Kolkur	Blockchain Technologies for Smart Contracts
34.	Dr. Seema Kolkur	Data Science and Big Data analytics
35.	Tasneem Mirza	Blockchain Technologies for Smart Contracts
36.	Ms. Nabanita Mandal	Recent Trends & Applications of Machine Learning and Deep Learning in IT
37.	Ms. Nabanita Mandal	IT for Sustainability
38.	Dr. Tanuja K. Sarode	ISTE Approved STTP on "IT for Sustainability"
39.	Dr. Archana B. Patankar	AICTE Sponsored Two Week FDP on "Consumer Electronic Product Design, Testing, Reliability and Patenting"at S.P.I.T. Mumbai.
40.	Dr. Archana B. Patankar	FDP in Association with Spoken Tutorial IITB on hands on Python
41.	Dr. Shilpa Verma	1 week STTP on Recent Trends and Applications of Machine Learning and Deep Learning in IT
42.	Dr. Shilpa Verma	1 week STTP on Disruptive Technolgies of Industry 4.0
43.	Dr. Shilpa Verma	Four days Webinar on Blockchain Technologies for Smart Contracts
44.	Dr. Shilpa Verma	Four days FDP on Research Funding projects and IPR

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45.	Dr. Shilpa Verma	Two Days FDP on Online Teaching & E-content
46.	Dr. Shilpa Verma	1 week STTP on Matlab based teaching-learning in mathematics, science and engineering
47.	Rupali Sarode	Attended AICTE-ISTE approved STTP on Infrastructure and Cyber Security
48.	Rupali Sarode	Attended AICTE-ISTE Approved STTP on To Build Productive Class room Engagement coordinated by TSCE Chemical Dept
49.	Rupali Sarode	Attended ISTE approved online Short Term Training Program on "Natural Language Processing and Deep Learning " for all academicians and researchers coordinated by VidyaVardhini Engineering College,Vasai
50.	Rupali Sarode	Completed 8 daysOnline FDP on R software in association with Spoken Tutorial ,IIT Bombay organised by Thakur College Of Engineering
51.	Rupali Sarode	Successfully Completed Online STTP on "Recent Trends and Applications of Machine Learning and Deep learning" Organised by RAIT ,IT Dept
52.	Rupali Sarode	Attended Online Faculty Development Program (FDP) on " Python Django " in association with Spoken Tutorial, IIT Bombay coordinated by K.J.Somiaya Engineering College Sion
53.	Rupali Sarode	Coursera - Java for Android by University of Vanderbilt, 4 weeks.
54.	Rupali Sarode	Blockchain Technologies for Smart Contracts (Organised by : TSEC)
55.	Manisha P. Dumbre	AICTE-ISTE approved STTP on Infrastructure and Cyber Security
56.	Manisha P. Dumbre	ISTE Approved STTP on To Build Productive Class room Engagement coordinated by TSCE Chemical Dept

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57.	Manisha P. Dumbre	Two week ISTE Approved STTP on "IT for Sustainability"
58.	Manisha P. Dumbre	Blockchain Technologies for Smart Contracts (Organised by : TSEC)
59.	Manisha P. Dumbre	3 day workshop on Part"ग्रामीण विकास": Enabling Self-Reliant Economy Through Techno-Social Innovation In A Perspective of Post COVID-19 Rural India conducted under UBA Cell, RGIT.icipated in 3 day online National Workshop on Gramin vikas
60.	Manisha P. Dumbre	Successfully Completed Online STTP on "Recent Trends and Applications of Machine Learning and Deep learning" Organised by RAIT ,IT Dept
61.	Manisha P. Dumbre	Attended FDP on "R Programming", Organised by Fr. C. Rodrigues Institute of Technology, Vashi in association with Spoken Tutorial IITB, Mumbai,
62.	Manisha P. Dumbre	Coursera - Java for Android by University of Michigan, 4 weeks.
63.	Shilpa Ingoley	AICTE-ISTE approved STTP on Infrastructure and Cyber Security
64.	Shilpa Ingoley	Attended Online Faculty Development Program (FDP) on " Python Django " in association with Spoken Tutorial, IIT Bombay coordinated by K.J.Somiaya Engineering College Sion
65.	Shilpa Ingoley	Four days Webinar on Blockchain Technologies for Smart Contracts
66.	Shilpa Ingoley	Successfully completed STTP on "Disruptive Technologies of Industry 4.0" organized by Fr. Conceicao Rodrigues College of Engineering
67.	Shilpa Ingoley	Two week ISTE Approved STTP on "IT for Sustainability"

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68.	Shilpa Ingoley	Attended FDP on "R Programming", Organised by Fr. C. Rodrigues Institute of Technology, Vashi in association with Spoken Tutorial IITB, Mumbai,
69.	Shilpa Ingoley	Coursera - Programming for Everybody -Getting Started with Python, University of Michigan, 4 weeks.
70.	Shilpa Ingoley	Attended International conference on "Transfer Learning on (ICESTMM 2019)
71.	Shilpa Ingoley	Online STTP on "Recent Trends and Applications of Machine Learning and Deep learning" Organised by RAIT ,IT Dept 25th May to 29th May 2020
72.	Urvi Kore	AICTE-ISTE approved STTP on Infrastructure and Cyber Security
73.	Urvi Kore	AICTE-ISTE approved STTP on Leveraging Digital Content to build Productive class room Engagement
74.	Urvi Kore	Two week ISTE Approved STTP on "IT for Sustainability"
75.	Anagha Durugkar	Blockchain Technologies for Smart Contracts (Organised by : TSEC)
76.	Anagha Durugkar	Completed one WEEK AICTE/ISTE approved referesher program on "Leveraging Digital content to Build productive Class Room Engagement"At TSEC Bandra
77.	Anagha Durugkar	AICTE-ISTE approved STTP on Infrastructure and Cyber Security
78.	Anagha Durugkar	AICTE-ISTE approved STTP on Infrastructure and Cyber Security
79.	Anagha Durugkar	Attended One Week FDP on "DATA SCIENCE"at FrCRCE Bandra Mumbai
80.	Sakshi Surve	Perticiated in 3 on days Webinar "happiness and Harmony " At KC College Thane

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81.	Sakshi Surve	Participated in "Water shed Management Project"under UBA-TSEC, Paani Foundation at Neral
82.	Dr. Ujwala Bharambe	One week ISTE approved STTP on Natural Language Processing Novice to pro
83.	Dr. Arti Deshpande	Emerging Research Trends in Computer Science and IT , by IEEE Computer Society (Delhi Section), CSI & ISTE, Delhi Section with Bharati Vidyapeeth's Institute of Computer Applications and Management (BVICAM), New Delhi
84.	Dr. Arti Deshpande	Usage of Technology in Covid 19 by Terna Engineering College, Nerul Mumbai
85.	Dr. Arti Deshpande	FDP on block Chain , AICTE Training and Learnig (ATAL) Acedamy
86.	Vaishali Suryawanshi	1-Week **ISTE approved STTP** on "Basics of Python Programming and Blockchain Technology ", KJSCIT, Sion
87.	Vaishali Suryawanshi	1-Week **AICTE-ISTE Approve**d STTP on "E-Learning Tools, methodologies and Content management", COET Akola,
88.	Vaishali Suryawanshi	2-Week **ISTE approved STTP** , "IT sustainability", ,TCET, Mumbai
89.	Vaishali Suryawanshi	1-Week **ISTE approved STTP** on " NLP and Deep Learning ", organized by VCET, Vasai(W)
90.	Ms. Shrishti Bhatia	"Technological Advancements in the Field of Electronics and Telecommunication Engineering"
91.	Dr Maniroja Edinburgh	Completed a 12 week NPTEL course on Deep learning
92.	Dr Maniroja Edinburgh	AICTE-ISTE sponsored STTP on Machine learning
93.	Dr Maniroja Edinburgh	Deep learning at DBIT
94.	Dr Maniroja Edinburgh	FDP on "Research, Funding Projects & IPR " jointly organized by IQAC, R & D Cell

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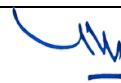Thadomal Shahani Engineering College
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95.	Dr Maniroja Edinburgh	Signal, Image & Video Processing: A Practical Approach (SIVPAPA-2020) under Technical Education Quality Improvement Program (TEQIP-III)
96.	Dr Maniroja Edinburgh	Artificial Intelligence and Deep learning by Bennet University
97.	**Dr Maniroja Edinburgh**	**"MATLAB based Teaching-Learning in Mathematics, Science & Engineering".**
98.	Anushree Gupta	Attended FDP on Online teaching and E-content
99.	Anushree Gupta	Attended national workshop on Enabling Self Reliant Economy
100.	Dr.Elizabeth Joseph	Leveraging Digital content to build productive class room engagement
101.	R.R.JOSHI	Leveraging digital content to build productive classroom engagement
102.	R.R.JOSHI	Moodle Test for Teachers
103.	R.R.JOSHI	CFD using OPENFOAM
104.	R.R.JOSHI	"R"
105.	R.R.JOSHI	GeoGebra-5.04
106.	Sangita Gaikwad	Leveraging Digital Content to Build Productive Classroom Engagement(TSEC)
107.	Sangita Gaikwad	SCILAB
108.	Sangita Gaikwad	FDP on "Python 3.4.3"
109.	Dr. Trupti Dharmarao	Leveraging Digital Content to Build Productive Classroom Engagement(TSEC)
110.	Dr. Trupti Dharmarao	Scilab
111.	Prasad J. Parulekar	Leveraging Digital Content to Build Productive Class Room Engagement
112.	Prasad J. Parulekar	CFD Using Open Foam
113.	Prasad J. Parulekar	Stress Counselling
114.	Prasad J. Parulekar	MATLAB based Teaching-Learning in Mathematics, Science & Engineering

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115.	Dr. Gauri Shukla	FDP on "Game Pedagogy in Outcome Based Education"
116.	Dr. Gauri Shukla	FDP on "Engineering Education and the Industry: A Post COVID-19 Perspective"
117.	Dr. Gauri Shukla	Induction/Refresher Programme on "Leveraging Digital Content to Build Productive Class Room Engagement"
118.	ANURADHA B MISTRY	CEQIP-STC on "Basics of Formability, Damage and their Numerical Simulation"
119.	ANURADHA B MISTRY	CEQIP -STC on "Sustainable Engineering to Address Food-Energy-Water Nexus"
120.	ANURADHA B MISTRY	4-DAY ONLNE FDP ON RESEARCH, FUNDING PROJECTS and IPR
121.	ANURADHA B MISTRY	Online Short-Term Training Program on "MATLAB based Teaching-Learning in Mathematics, Science & Engineering"
122.	ANURADHA B MISTRY	One-Week Online Faculty Development Program on "SCILAB"
123.	ANURADHA B MISTRY	Online AICTE Recognized One Week FDP Short Term Course (STC) on 'Skill Enhancement using Free & Open Software Tools'
124.	Rithesh Kini	One-Week AICTE recognized Faculty Development Programme on "Nanomaterials and their applications"
125.	Rithesh Kini	AICTE-ISTE Approved One-Week Short Term Training Program on "Infrastructure and Cyber Security"
126.	Bharati Ingale	AICTE-ISTE approved Induction/Refresher Programme on "Leveraging Digital Content to Build Productive Class room Engagement" organized by Thadomal Shahani Engineering College
127.	Bharati Ingale	AICTE Approved Online FDP on Internet of Things organized by Dept of Computer Science and Engineering, NITTTR, Chandigarh

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128.	Bharati Ingale	AICTE Approved Online FDP on Nanomaterials and Devices organized by Dept of Applied Sciences, NITTTR, Chandigarh
129.	Dr. Mansha Kotwani	webinar on IPR organized by The ICFAI University, Dehradun in collaboration with Cell for IPR Promotion and Management (CIPAM),
130.	Dr. Mansha Kotwani	4-Days Webinar on "Blockchain Technologies for Smart Contats"
131.	Dr. Poonam Soni	4-Days Webinar on "Blockchain Technologies for Smart Contats"
132.	Dr. Poonam Soni	National Level Online Course on "OPERATIONS RESEARCH" organized by Department of Mathematics (SF), V.H.N.S.N. College (Autonomous), Virudhunagar. 2020.
133.	Dr. Poonam Soni	FDP on "Scilab" organized by DJSCOE in association with Spoken Tutorial Project, IIT Bombay.
134.	Dr. Poonam Soni	· Webinar on IPR, organized by The ICFAI University, Dehradun in collaboration with Cell for IPR Promotion and Management (CIPAM), under the aegis of the Department for Promotion of Industry & Internal Trade (DPIIT), Ministry of Commerce & Industry, Government of India.
135.	Dr. Kajli Sharma	AICTE-ISTE approved Induction/Refresher Programme on "Leveraging Digital Content to Build Productive Class room Engagement" organized by Thadomal Shahani Engineering College

Social Activities

The walls and boards at Bandra station were given a facelift by our students under the theme of Swacch Bharat and plastic ban. TSEC green army in association with NSS- TSEC and with the help of MCGM, organized a tree plantation drive at Pali Hill railway colony. As usual Blood Donation Drives were organized by NSS team. UBA TSEC organized a cleanliness drive in Ambevadi village Maharashtra. NSS TSEC and UBA TSEC jointly organized a residential camp at Neral on the foothills of Matheran.

E-Cell

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TSEC-E-cell conducted its event EMBARK which served as a platform to the budding engineers to turn their dream into reality.

Professional committee Activities

Through the Technical committees ISTE, IETE, CSI, IIChE and IE, many training programs, technical paper presentations, coding competitions and quiz programs have been organized through out the year to impart technical knowledge among students.

The MAD club of TSEC launched the mobile application TSEC App during Internship Mela.

Department of Information Technology has successfully organized 32 hours Hackathon and Department of Computer Engineering in association with Code cell organized the third edition of TSEC Hacks.

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

One week AICTE-ISTE STTP on "Infrastructure and Cyber Security" was organized by Computer Department.

One Week ISTE Approved STTP on "Leveraging Digital content to build productive class room Engagement" was organized by Chemical Engineering Department.

Hackathon winners:

- Students of third year IT won the second prize at Code storm Hackathon
- Students of third year IT won first prize in Project Expo held at St. Francis, Borivli.
- The team from the Department of Computer Engineering once again won the Smart India Hackathon for the second consecutive year. Indeed an exemplary achievement.
- Bio tech students won 2nd prize at Biohackathon organized by K J Somaiya college

Institute Industry Interaction

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

An Industrial Visit to Hyderabad and another one to Madurai, Mysore and Coorg were organized and more than 12 industries were visited.

On the occasion of the birthday of Dr. Abdul Kalam TSEC organized Innovation day, to facilitate the importance of mother tongue day, Mathru Bhasha Dinotsavam, also Dr. Ambedkar Jayanti were organized by TSEC.

Convocation Ceremony

Convocation ceremony for BE 2019 batch was held on 25th Jan 2020. Our president Mr. Kishu Mansukhani graced the function as the chief guest.

Overall, the academic year 2019-20 was a very successful one, setting the bar for future batches. We believe that this list will increase in the years to come. Stay Safe, keep safe distance wear your mask and be happy and healthy

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THADOMAL SHAHANI ENGINEERING COLLEGE

T.S.E.C. Annual Activity Report for the Academic Year 2020-21

Academic Activities:

With a passing percentage of 100 %, out of which 406 i.e. 77 % students secured distinction and 112 i..e 21 % students secured 1st class, T.S.E.C. has once again proved its superiority amongst the engineering colleges affiliated to the University of Mumbai.

TSEC awarded as one of the Top Placement Ready Initiatives at the career Change Maker Awards 20-21.

In The Week-Hansa Research survey 2021, TSEC's All India ranking was 32 amongst Private Engineering Colleges.

Internshala, which is the biggest internship provider and endorsed by AICTE, ranked us 56th All India rank out of 1530+ participating colleges across India and 11th Zonal Rank out of 38 participating colleges across West Zone. These ranking were based on student selections from 1st April to 31st July 21.

TSEC Listed as one of the Leading Educational Institute in India for 2021 in Higher Education Directory 2021 and Education Stalwarts.

Our Biomedical Student Nikhil Kumar secured an all India rank of 30 in GATE 2021 and presently doing his MTech in IIT Kharagpur.

Our student Givinder Singh of Chemical Engineering won prize in Writing Competition organized by Department of Atomic Energy (DAE) Govt. of India. His essay selected in top 10 for the topic " Applications of Radioisotopes and Radiation Technology for Societal Benefits" and received cash prize.

Our two students Ashish Jaiswal and Reevan Dsouza participated in Quiz Azeotropy conducted by IIT Bombay and secured 16th and 13th position respectively among National Top 30 students.

Placements:

Placements during 2020-21 were as usual over the top having received 360 offers. In all, 300 students were placed out of 400 interested students for placement process that is 75 % across all branches. Highest salary offers was Rs 19.63 lakhs per Anum

Research Activities:

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Under the guidance of Dr. G. T. Thampi, Dr. Madhuri Rao and Dr. S. K. Shende, three research scholars have been awarded PhD degrees from TSEC's research center affiliated with Mumbai University.

Dr. Tushar Parulekar from Math Department was awarded PhD degree from IIT Bombay in Feb 2021 for the thesis titled Ryser Design Conjecture.

Research Publications from TSEC:

Our faculties published 54 papers in various conferences and journal.

IT		COMP		EXTC		Chemical	
Dr. G. T. Thampi	2	Dr. Arti Deshpande	1	Dr. Ashwini Kunte	2	Dr. Elizabeth Joseph	1
Dr. Shanthi Therese	1	Dr. Ujwala Bharmbhe	3	Dr. Mani Roja	3	Dr. S. J. Purohit	2
Prof Mukesh T Israni	1	Prof Juhi Janjua	2	Prof Neeru Pathak	1	Dr. Anita Kumari	1
Prof Kumkum Saxena	5	Prof. Darakshan Khan	3	Prof K K Mathew	1	Dr. Ramesh Bhande	1
Prof Nagaveni Hebbar	1	Dr. Archana Athwale and Prof Tasneem Mirza	1	Dr. Theckedath, Dhananjay	3	Prof. Ravindra R. Joshi	1
Prof Sanober Shaikh	2			Prof Amit Hatekar	1		
Dr Bhushan Jadav	4						
Prof Himani	3						

Deshpande							
Dr Madhuri Rao	2						
Dr. Shachi Natu	1						
Prof. Vijal Jain	2						

Mechanical		Maths	
Prof Mudita Dikshit	1	Dr. Poonam Soni	1
		Prof Arvind Mishra	3

FDP/STTP/Conference attended by faculty members:

Sr. No.	Name of teacher who attended	Title of the program
1.	Monica G. Tolani	Attended AICTE-ISTE approved One week STTP on Implementation of Outcome Based Education (OBE) for holistic development
2.	Monica G. Tolani	AICTE ATAL FDP on "Quantum Computing"
3.	Monica G. Tolani	FDP on Python
4.	Monica G. Tolani	Attended two days online workshop on ""Transformation Through NAAC Accreditation Process National Workshop For Higher Educational Institutions"
5.	Dr.Shanthi Therese S.	Attended 5 days STTP on AICTE Incorporating Universal Human Values in Technical Education (An AICTE Initiative)

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6.	Dr.Shanthi Therese S.	Attended one week FDP on Quantum Computing" organized by AICTE Training And Learning (ATAL) Academy
7.	Dr. Shachi Natu	Attended 5 days STTP on AICTE Incorporating Universal Human Values in Technical Education (An AICTE Initiative)
8.	Dr. Shachi Natu	Attended one week FDP on Quantum Computing" organized by AICTE Training And Learning (ATAL) Academy
9.	Dr. Shachi Natu	Completed AICTE approved 12 week FDP on Applied Natural Language Processing from NPTEL
10.	Dr. Shachi Natu	Faculty orientation program for the subject "Computer and Network Security" and "Security Lab"
11.	Dr. Shachi Natu	Two Week STTP on "Internet Programming: The full stack approach"
12.	Ms. Vijal Jain	ISTE 2 week STTP on "Internet Programming: The Full Stack Approach"
13.	Ms. Vijal Jain	Attended AICTE online workshop on Universal Human Values(UHV)
14.	Ms. Vijal Jain	Attended one week FDP on Quantum Computing" organized by AICTE Training And Learning (ATAL) Academy
15.	Nagaveni Hebbar	Attended AICTE online workshop on Universal Human Values(UHV)
16.	Nagaveni Hebbar	Attended one week FDP on Quantum Computing" organized by AICTE Training And Learning (ATAL) Academy
17.	Nagaveni Hebbar	AICTE sponsored STTP on Cyber and Network Security Infrasture Configuration
18.	Reshma Malik	Attended AICTE online workshop on Universal Human Values(UHV)
19.	Reshma Malik	Attended one week STTP on Data Science, Machine Learning & Deep Learning

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20.	Reshma Malik	Attended one week FDP on Quantum Computing" organized by AICTE Training And Learning (ATAL) Academy
21.	Geeta Karande	Attended one week FDP on Quantum Computing" organized by AICTE Training And Learning (ATAL) Academy
22.	Geeta Karande	Attended AICTE online workshop on Universal Human Values(UHV)
23.	Geeta Karande	Attended one week STTP on Data Science, Machine Learning & Deep Learning
24.	Dr.Arun Kulkarni	STTP on AICTE Incorporating Universal Human Values in Technical Education
25.	Dr.Arun Kulkarni	one week FDP on Quantum Computing" organized by AICTE Training And Learning (ATAL) Academy
26.	Sanober Shaikh	attended one week FDP on Quantum Computing" organized by AICTE Training And Learning (ATAL) Academy
27.	Sanober Shaikh	attended one week FDP on Quantum Computing" organized by AICTE Training And Learning (ATAL) Academy
28.	Sanober Shaikh	Co-ordinated and attended one week FDP on Quantum Computing" organized by AICTE Training And Learning (ATAL) Academy
29.	Sanober Shaikh	ISTE 2 week STTP on "Internet Programming: The Full Stack Approach"
30.	Sanober Shaikh	Attended AICTE online workshop on Universal Human Values(UHV)
31.	Kumkum Saxena	Participated in One week AICTE-ISTE approved Induction/ Refresher Programme on "Universal Human Values"
32.	Kumkum Saxena	Attended one week FDP on Quantum Computing" organized by AICTE Training And Learning (ATAL) Academy
33.	Kumkum Saxena	Attended FOP on CNND

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34.	Kumkum Saxena	ISTE 2 week STTP on "Internet Programming: The Full Stack Approach"
35.	Kumkum Saxena	1 week STTP on ADSA
36.	Sheetal Gondal	Attended one week FDP on Quantum Computing" organized by AICTE Training And Learning (ATAL) Academy
37.	Dr. Gopal Pardesi	Attended one week FDP on Quantum Computing" organized by AICTE Training And Learning (ATAL) Academy
38.	Dr Madhuri Rao	Attended one week FDP on Quantum Computing" organized by AICTE Training And Learning (ATAL) Academy
39.	Dr Madhuri Rao	Attended AICTE online workshop on Universal Human Values(UHV)
40.	Dr. Gopal Pardesi	Attended one week FDP on Quantum Computing" organized by AICTE Training And Learning (ATAL) Academy MNIT, Jaipur
41.	Sampada Pinge	Attended AICTE online workshop on Universal Human Values(UHV)
42.	Sampada Pinge	IETE approved one week online STTP on " Embedded System Design"
43.	Tasneem Mirza	National Level STTP on "Programming in JAVA"
44.	Tasneem Mirza	Inculcating Universal Human Values in Technical Education
45.	Ms. Nabanita Mandal	ISTE approved "Natural Language Processing & Deep Learning"
46.	Ms. Nabanita Mandal	AICTE-ISTE approved "Developing Secure IOT Applications"
47.	Ms. Nabanita Mandal	Inculcating Universal Human Values in Technical Education
48.	Dr. Tanuja K. Sarode	National Level STTP on "Programming in JAVA"
49.	Dr. Tanuja K. Sarode	AICTE-ISTE approved "Developing Secure IOT Applications"

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50.	Dr. Tanuja K. Sarode	AICTE course on "Inculcating Universal Human Values in Technical E"ducation"
51.	Dr. Tanuja K. Sarode	ISTE approved STTP on "Natural Language Processing & Deep Learning"
52.	Dr. Tanuja K. Sarode	AICTE Sponsored Two weeks course on ""Insights into Intelligent Automation, Machine Learning and Data Science :Foundation of Data Science"
53.	Dr. Archana B. Patankar	AICTE course on "Inculcating Universal Human Values in Technical E"ducation"
54.	Dr. Archana B. Patankar	AICTE-ISTE Sponsored Online Refresher Program on "Developing Secure IoT Applications by SAKEC
55.	Dr. Archana B. Patankar	National Level STTP on "Programming in JAVA"
56.	Dr. Archana B. Patankar	ISTE approved STTP on "Natural Language Processing & Deep Learning"
57.	Dr. Archana B. Patankar	AICTE Sponsored Two weeks course on ""Insights into Intelligent Automation, Machine Learning and Data Science :Foundation of Data Science" by SPIT
58.	Dr. Archana B. Patankar	AICTE Sponsored Two weeks course on:"Insights into Intelligent Automation, Machine Learning and Data Science: Artificial Intelligence and Machine Learning" by SPIT
59.	Dr. Archana B. Patankar	AICTE Sponsored Two weeks course on:"Insights into Intelligent Automation, Machine Learning and Data Science: Data Science and Its Applications" by SPIT
60.	Dr. Archana B. Patankar	AICTE Sponsored 2 Week STTP on "Research Areas in Technologies For Societal and Rural Development" Father Agnel Bandra
61.	Dr. Seema Kolkur	ISTE approved STTP "Natural Language Processing & Deep Learning"

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62.	Dr. Seema Kolkur	Online Workshop on Mathematics and Data Science
63.	Dr. Seema Kolkur	Digital Content for Social Media
64.	Dr. Seema Kolkur	Inculcating Universal Human Values in Technical Education
65.	Dr. Seema Kolkur	National Level STTP on "Programming in JAVA"
66.	Dr. Seema Kolkur	Computer Networking with SDN
67.	Sonal Shroff	National Level STTP on "Programming in JAVA"
68.	Sonal Shroff	Inculcating Universal Human Values in Technical Education
69.	Dr. Shilpa Verma	AICTE course on "Inculcating Universal Human Values in Technical E"ducation"
70.	Dr. Shilpa Verma	National Level STTP on "Programming in JAVA"
71.	Dr. Shilpa Verma	One week FDP on Quantum Computing" organized by AICTE Training And Learning (ATAL) Academy
72.	Rupali Sarode	Attended AICTE Sponsered STTP on Cyber and Network Security Infrastructure Configuration
73.	Rupali Sarode	Attended AICTE Sponsered Online Refresher Program on "Developing Secure IoT Applications".
74.	Rupali Sarode	Attended one week AICTE workshop on "Universal Human Values", organised by AICTE.
75.	Rupali Sarode	Attended ISTE approved online STTP on "Insights and methodologies towards Research and Research Outcomes" organized by St Francis Institute of technology ,Borivli
76.	Rupali Sarode	Attended Online National Level STTP on "Programming in JAVA" Organizsed by TSEC Computer Dept
77.	Rupali Sarode	Attended training program on "Data Science, Machine Learning and Deep Learning" Organizsed by TSEC IT Dept
78.	Rupali Sarode	Orientation for subject "Lab OOP using JAVA" orientation as a Resource Person

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79.	Manisha P. Dumbre	Two week STTP on Research areas in Technologies for societal and rural development by extc department of Fr. Agnel college of Engg.
80.	Shilpa Ingoley	Attended one week workshop on "Universal Human Values", organised by AICTE, from .
81.	Shilpa Ingoley	Attended ISTE approved online STTP on "Insights and methodologies towards Research and Research Outcomes" organized by St Francis Institute of technology ,Borivli
82.	Shilpa Ingoley	Attended Online National Level STTP on "Programming in JAVA" Organizsed by TSEC Computer Dept
83.	Shilpa Ingoley	• Attended the one week AICTE SPONSORED STTP on Computational Techniques, organised by Department of Electronics and Communication, Sagar Institute of Research and Technology, Bhopal from 02nd - 07th November 2020.
84.	Shilpa Ingoley	Completed successfully AICTE Training And Learning (ATAL) Academy Online FDP on "Block chain" at bharati vidyapeeth college of engineering.
85.	Shilpa Ingoley	Successfully completed the AICTE-ISTE approved Orientation/Refresher Programme on "Developing Secure IOT Applications" organized by Shah & Anchor Kutchhi Engineering College, Mumbai, Maharashtra.
86.	Shilpa Ingoley	Participated & successfully completed AICTE Sponsored online One Week Short Term Training Programme on "Blockchain and its Applications" organized by Department of Computer Engineering, Dr. D. Y. Patil Institute of Technology, Pimpri
87.	Urvi Kore	Attended one week AICTE workshop on "Universal Human Values", organised by AICTE.

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88.	Urvi Kore	ISTE approved Online/SF-STTP/FDP programme on Outcome Based Education and NBA
89.	Anagha Durugkar	AICTE Sponsored 2 Week STTP on "Research Areas in Technologies For Societal and Rural Development" Father Agnel Bandra
90.	Anagha Durugkar	Attended one week AICTE workshop on "Universal Human Values", organised by AICTE.
91.	Sakshi Surve	Attended one week AICTE workshop on "Universal Human Values", organised by AICTE.
92.	Sakshi Surve	AICTE Sponsored 2 Week STTP on "Research Areas in Technologies For Societal and Rural Development" Father Agnel Bandra
93.	Sakshi Surve	Attended Online National Level STTP on "Programming in JAVA" Organizsed by TSEC Computer Dept
94.	Dr Ujwala Bharambe	Attended one week AICTE workshop on "Universal Human Values", organised by AICTE.
95.	Dr. Ujwala Bharambe	Attended IEEE Bombay Section Signature Conference – IBSSC2020
96.	Dr. Ujwala Bharambe	National level STTP on "Programming in JAVA", organized by Thadomal Shahani Engineering College, Bandra, Mumbai, from 13th to 18th July 2020
97.	Dr. Ujwala Bharambe	AICTE Approved Two Weeks Online Faculty Development Programme (FDP) on "Emerging Research Trends in Computer and IT" 8th to 19th June 2020 organized BVICAM
98.	Dr. Arti Deshpande	Universal Human Values in Technical Education (UHV 1)
99.	Dr. Arti Deshpande	Programming In java by TSEC, Mumbai
100.	Dr. Arti Deshpande	RAISE2020 virtual global summit on Artificial Intelligence from 5th - 9th Oct 2020.

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101.	Dr. Arti Deshpande	Transformation Through NAAC Accreditation Process, A National Level Workshop for Higher Educational Institutions
102.	Dr. Arti Deshpande	FDP on Advance Excel with Data Visualization by IIT Kanpur
103.	Dr. Arti Deshpande	ATAL FDP on Data Sciences
104.	Vaishali Suryawanshi	1-Week **AICTE sponsored and organised** online FDP ," Inculcating Universal Human Values in Technical Education" **,** AICTE New Delhi
105.	Vaishali Suryawanshi	2-week **AICTE sponsored** online FDP-1 on ""Insights into Intelligent Automation, Machine Learning and Data Science: Foundation of Data Science"", organized by SPIT, Andheri (W),
106.	Vaishali Suryawanshi	1- week **AICTE ATAL** Online FDP on "SOFT COMPUTING TECHNIQUES" , at Dr. S. & S. S. Ghandhy Government Engineering College, AICTE, Nelson Mandela Marg, Vasant Kunj, New Delhi – 110 070
107.	Vaishali Suryawanshi	2-Week **AICTE sponsored** online FDP-2 on "Insights into Intelligent Automation, Machine Learning and Data Science :AI and Machine Learning", organized by SPIT, Andheri (W),
108.	Vaishali Suryawanshi	1-week **AICTE sponsored and Organised** online FDP UHV Refresher-1, AICTE, New Delhi
109.	Vaishali Suryawanshi	2-Week **AICTE sponsored** online FDP-3 on "Insights into Intelligent Automation, Machine Learning and Data Science: Data Science and its Applications", organized by SPIT, Andheri (W)
110.	Ms. Shrishti Bhatia	"Inculcating Universal Human Values in Technical Education"
111.	Ms. Shrishti Bhatia	"Telecommunication Networks"

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112.	Anushree Gupta	"NBA Awareness"
113.	Dr. Maniroja Edinburgh	"NBA Awareness"
114.	Dr Maniroja Edinburgh	Attended AICTE-ISTE approved One week STTP on Implementation of Outcome Based Education (OBE) for holistic development
115.	Dr Maniroja Edinburgh	Inculcating Universal Human Values in Technical Education
116.	Dr Maniroja Edinburgh	FDP on Python
117.	Dr Maniroja Edinburgh	AICTE-ISTE approved One week STTP Philosophy and Designof Outcome Based Education(OBE)"-Philosophy and Design of Outcome Based Education(OBE
118.	Jyoti Kashyap	One week STTP:Advancements &Research Opportunities in EXTC Engg,Bhartiya Vidyapeeth COE Pune
119.	Jyoti Kashyap	AICTE Approved One week STTP:Green Internet of Things,VESIT Chembur
120.	Jyoti Kashyap	Webinar:Sharpening your skills to take a big leap,TSEC
121.	Jyoti Kashyap	AICTE Approved One week STTP:Electric Vehicles challenges and Opportunities,Sagar Inst.Bhopal
122.	Uttara Bhatt	STTP on System Design using Vivado Design Suit & Zynq 7000Soc, MIT Pune
123.	Dr.Elizabeth Joseph	MOODLE Test for teachers
124.	Dr.Elizabeth Joseph	Online Orientation Programme for mentors
125.	Dr.Elizabeth Joseph	Inculcating Universal Human Values in Technical Education
126.	Dr.Elizabeth Joseph	Catalysis and Reaction Engineering
127.	Dr.Elizabeth Joseph	CAD for Process Intensification
128.	Anita Kumari	Emerging Quantum Computing Paradigm'
129.	Anita Kumari	Inculcating Universal Human Values in Technical Education

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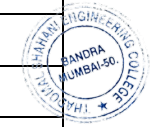| 130.	Nita Mehta	Online Learning Workshop for Faculty
131.	Nita Mehta	Micro certificate in Advanced Excel
132.	Nita Mehta	Moodle Test for Teachers
133.	Nita Mehta	SCILAB
134.	Nita Mehta	Trends and prospects in biorefinery
135.	Nita Mehta	Online Orientation Programme for mentors
136.	Nita Mehta	Computer Science & Biology
137.	Nita Mehta	Catalysis and Reaction Engineering
138.	Nita Mehta	Computer aided software for process intensification
139.	Nita Mehta	Inculcating Universal Human Values in Technical Education
140.	R.R.JOSHI	Trends and prospects in biorefinery
141.	R.R.JOSHI	Applications of finite element analysis and CFD using ANSYS
142.	R.R.JOSHI	Next generation software tools and and trends for industrial solutions: current practices
143.	R.R.JOSHI	Entrepreneurship and startup
144.	R.R.JOSHI	Inculcating Universal Human Values in Technical Education
145.	R.R.JOSHI	Green Technology & Sustainability Engineering
146.	R.R.JOSHI	Waste technology
147.	Sangita Gaikwad	Inculcating Universal Human Values in Technical Education(AICTE,New Delhi)
148.	Sangita Gaikwad	Computer Aided Software for process Intensification (PHASE-I) ,AICTE-ISTE approved,GIT LAVEL
149.	Sangita Gaikwad	Computer Aided Software for process Intensification (PHASE-II), AICTE-ISTE approved,GIT LAVEL
150.	Sangita Gaikwad	Waste Valorization towards a Sustainable Environment ,AICTE approved,NIT Durgapur
151.	Ramesh Bhande	Trends and prospects in biorefinery

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152.	Ramesh Bhande	Next generation software tools and and trends for industrial solutions: current practices
153.	Ramesh Bhande	Teaching Learning Pedagogies
154.	Ramesh Bhande	MOODLE Learning Management System
155.	Ramesh Bhande	Computer Science & Biology
156.	Ramesh Bhande	Waste technology
157.	Ramesh Bhande	COMPUTER AIDED SOFTWARE FOR PROCESS INTENSIFICATION
158.	Ramesh Bhande	MODELING AND SIMULATION OF HEAT TRANSFER EQUIPMENTS USING ASPEN PLUS
159.	Usha A Nambiar	Leveraging Digital Content To Build Productive Classroom Engagement
160.	Usha A Nambiar	Universal human value
161.	Prasad J. Parulekar	Use of ICT in Teaching Learning (Regional Language)
162.	Prasad J. Parulekar	Recent Innovations and Technologies in Electric Vehicles
163.	Prasad J. Parulekar	Internet of Things (IOT) and Its Applications in Industry
164.	Prasad J. Parulekar	Next Generation Software Tools and Trends for Industrial Solutions: Current Practices
165.	Prasad J. Parulekar	Modern Educational Tools and Pedagogical Practices for Online Teaching
166.	Prasad J. Parulekar	Waste to Bioenergy
167.	Prasad J. Parulekar	RESEARCH IN ENGINEERING - A Way Forward
168.	Prasad J. Parulekar	Recent Challenges in Industrial Automation & Embeded System
169.	Prasad J. Parulekar	Innovative Approaches in Management
170.	Prasad J. Parulekar	Sophisticated Analytical Instruments: Principles and Applications to Chemical and Material Sciences
171.	Prasad J. Parulekar	Inculcating Universal Human Values in Technical Education
172.	Prasad J. Parulekar	Green Technology & Sustainability Engineering

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173.	Prasad J. Parulekar	Computer Aided Software for Process Intensification
174.	Dr. Gauri Shukla	5-day online FDP on the theme "Inculcating Universal Human Values in Technical Education"
175.	Dr. Gauri Shukla	Faculty Development Programme on "Artificial Intelligent for Engineering Applications"
176.	Dr. Gauri Shukla	STTP "Deep Learning Tools & Applications in Engineering & Science"
177.	Dr. Gauri Shukla	Orientation/Refresher Programme on "Innovative Teaching-Learning Methods"
178.	Dr. Gauri Shukla	Online Induction Program on "IOT in Manufacturing"
179.	Dr. Gauri Shukla	FDP on "Emerging Technologies in Healthcare: IOT, AI, Computational Neuroscience, Wearable Technologies"
180.	Dr. Gauri Shukla	FDP on "Internet of Things (IoT)"
181.	Dr. Gauri Shukla	Faculty Development program on "Empowerment through Digital Technology and E-learning Methodologies"
182.	ANURADHA B MISTRY	Online AICTE Recognized One Week FDP Short Term Course (STC) on 'Artificial Intelligence and Its Applications'
183.	ANURADHA B MISTRY	One-week AICTE-ISTE approved Orientation / Refresher online programme on "Improving Excellence In Teaching"
184.	ANURADHA B MISTRY	One week online STTP on "Deep Learning Tools & Applications in Engineering & Science" sponsored by AICTE
185.	Rithesh Kini	One-Week AICTE recognized Faculty Development Programme on "Embedded World"
186.	Bharati Ingale	Webinar on Mumbai Floods and Citizens Role organised by NSS IITB
187.	Bharati Ingale	AICTE Approved Online FDP on Nanoscience for Engineering Applications organized by Dept of Electrical Engineering, NITTTR, Chandigarh

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188.	Bharati Ingale	AICTE Approved Online FDP on Materials characterization techniques organized by Dept of Applied Sciences, NITTTR, Chandigarh
189.	Bharati Ingale	AICTE Approved Online FDP on Artificial Intelligence and Its Applications organized by Dept of Electrical Engineering, NITTTR, Chandigarh
190.	Bharati Ingale	AICTE Approved Online FDP on Robotics organized by Dept of Electrical Engineering, organized by Dept of Electrical Engineering, College of Technology and Enginnering, MPUAT, Rajasthan
191.	Bharati Ingale	National level online workshop Computational Chemistry – A Leeway to Theoretical Chemistry organized by The PG & Research Dept of Chemistry, D G Vaishnav College, Chennai
192.	Praseeda Nambisan	Attended one week STTP on Data Science, Machine Learning & Deep Learning
193.	Praseeda Nambisan	AICTE sponsored one week STTP on "CYBER SECURITY IN IoT ENABLED SMART GRID -Online Series - 3 organized by Department of Electrical and Electronics, Thiagarajar College of Engineering, Madurai
194.	Praseeda Nambisan	5-day online FDP on the theme "Inculcating Universal Human Values in Technical Education" organized by All India Council for Technical Education(AICTE)
195.	Praseeda Nambisan	5 Days online UHV Refresher 1 FDP organized by All India Council for Technical Education(AICTE)
196.	Praseeda Nambisan	2 weeks DST Sponsored FDP in Enterpreneurship and Innovation organized by Symbiosis Center for Enterpreneurship and Innovation
197.	Dr. Mansha Kotwani	Online Workshop on Universal Human Values conducted by AICTE

198.	Dr. Mansha Kotwani	QIP-Short-Term Course Sponsored by AICTE on Differential Equations: Solution Techniques and Applications
199.	Dr. Poonam Soni	·Online workshop on Universal Human Values on the theme "Inculcating Universal Human Values in Technical Education" organized by All India Council for Technical Education (AICTE).
200.	Dr. Poonam Soni	·TEQIP-III sponsored Five Days workshop cum Training on "Training and Practice on MATLAB for Engineering Solutions" (TPMES-20) , organized by Department of Mechanical Engineering, Dr B R Ambedkar National Institute of Technology Jalandhar, Punjab, India.

Social Activities by NSS

National Service Scheme (NSS) unit of TSEC had the entire AY 2020-21 tenure during lockdown or with restrictions of Covid-19 pandemic. Hence, the awareness based, health related and skill training webinars (66 events) were conducted on various topics, to say a few Cardiac Arrest Resuscitation, Immunity building Isha Yoga, Cyber Crime, Hydroponics and blood and blood component donation. Mandala Art Workshop was conducted for children from NGO. Also intercollegiate Cultural event based on Social issues named 'PRAYAAS' was conducted with 20 colleges participated.

Our EBSB (Ek Bhrat Shreshta Bharat) committee conducted many programs like colors of Odisha, Orissa Day, drawing and painting about the culture of Odisha in collaboration with National Institute of Science and Technology, Odisha.

Professional committee Activities

Through the Technical committees ISTE, IETE, CSI, IIChE and IE, 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.

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THADOMAL SHAHANI ENGINEERING COLLEGE

Under the 'AatmaNirbhar Bharat Abhiyan' initiated by our Hon'ble Prime Minister, Shri. Narendra Modi Ji , Toycathon-2021 was organized to challenge India's innovative minds to conceptualize novel Toy and Games based on Bharatiya civilization, history, culture.
We are proud to announce that TSEC was selected to be one of the nodal centers to host the digital edition of Toycathon organized from 22nd - 24th June 2021

CodeCell organized its first online event LOCK and CODE which included a fun and challenging series of puzzles and code which was very well received by the students, followed by the Git and Github workshop hosted by our student.

CodeCell organized its first 40 hour online hackathon "TSEC Hacks" which received overwhelming response where 138 teams registered from 43 different colleges of which 63 teams were shortlisted.

Indian Society for Technical Education, (ISTE TSEC) successfully organized 4 events during the academic year like Gaming Weekend , Technophilia , online Calculator Workshop for students and Ascent for placement mock test.

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

IT department organized 5 days AICTE Funded FDP on "Quantum Computing".
IT Department also conducted one week training program on "Data Science, ML & DL "
One week online National level Short term training program on "Programming in JAVA" for students by IT Department

Computer Department conducted many workshops for students and faculties on Machine Learning with Python , AI and Machine Learning and Android App Development during the academic year.

Department of EXTC organized few online webinars relevant to students.

Chemical Department organized a Webinar on " **sustainability solutions**" during the academic year

Our students participated in many Hackathons and won awards and prizes.

Hackathon Name	Organized by	Awards Won	Student Name
e-Yantra Fight Covid-19 Hackathon	eYantra IIT Bombay	Best UI/UX Design	Nikhil Makhani and Aishwarya Nathani

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Hackathon Name	Organized by	Award	Participants
Hack The Crisis	ISTE, Manipal Institue of Technology	First Place	Nikhil Makhani and Aishwarya Nathani
Hackathon E-Summit Endeavour'21	KIET Group of Institutions	First Place	Nikhil Makhani and Aishwarya Nathani
HackBout 2.0	Nitte Meenakshi Institute of Technology(NMIT)	Best WebApp Built on Django	Nikhil Makhani and Aishwarya Nathani
		Runner Up - Girl Geek Hack	
runner up in Myntra Hackeramp 21 received 50 thousand cash prize			Sailee Salgaonkar , Anushka Bhagchandani and Janhavi Thakkar

Branch – Computer Engg.

Jash Makhija –
Adarsh Tiwari -
Arjun Balamwar –
Gaurav Raj -

Hackathon Name	Organized by	Awards Won
CodeIT-20 Hackathon	DJ Sanghvi Engineering College.	1st Position
Recursion-2.0 Hackathon	Rajiv Gandhi Institute of Technology	3rd Position
Codestorm Hackathon	TSEC	3 rd position
Version Beta 3.0 Hackathon	NIT Bhopal	Top ten
SaddaHack	IIT Delhi.	Top ten

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Branch – Computer Engg.

Parth Sunil Cheulkar

Varun Mamtora

Chiraayu Meghnani

Shyren More

Hackathon Name	Organized by	Awards Won
TSEC Hacks 21	TSEC - CodecCell	3rd Position

Branch – Biomedical Engg.
Shambhavi Rangnekar

Hackathon Name	Organized by	Awards Won
Tri Pitch – National level technical hackathon	Bannari Amman Inst. Of Technology - IEEE student branch	1st Position

Our students once again proved their mettle at the Smart India Hackathon 2020 an Initiative by the Government of India in association with AICTE and MIC.

Two of our teams ,4th year students from Computer Engg. Dept, Ashay Changwani, Pratik Devnani, Deetipriya Sen, Disha Dhadha, Kunal Desai ,Saurabh Dahara

And 4th year students from IT department, Janhavi Zarapkar ,Girish Salunke, Ovesh Patel

Mohnish Nathani, Ayushi Shah, Mahima Sharma won Smart India Hackathon at their respective nodal centres

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