

MANDATORY DISCLOSURE

Academic Year 2020-21



Hyderabad Sind National Collegiate Board's
THADOMAL SHAHANI ENGINEERING COLLEGE

Bandra West, Mumbai – 400 050

A Private Institute affiliated to University of Mumbai

Telephone: 9967255590 Fax : 91-22-26488830

Website: www.tsec.edu

UPDATED ON 2nd JULY 2022

1. AICTE File No. Western/1-9317771476/2021/EOA
AICTE Permanent ID 1-8657401
Date & Period of last approval 2nd July 2021 (2021– 22)

2. Name of the Institution **Thadomal Shahani Engineering College**
Address of the Institution Advocate Nari Gursahani Marg, 37th Road,
(Off. Linking Road), TPS III, Bandra (West)
City & Pin Code Mumbai - 400 050
State / UT Maharashtra
Longitude & Latitude Longitude: 19.0645° N
Latitude: 72.8358° E



Phone number with STD code 919967255590/919987111590
Fax Number with STD code 91-22-26053590
Office hours at the Institution 10.00 a.m. to 5.00p.m.
Academic hours at the Institution 8.00 a.m. to 5.00 p.m.
Email gtthampi@yahoo.com/gtthampi@gmail.com
Website www.tsec.edu
Nearest Railway Station (Dist. in Km) Bandra Railway Station (Approx. 2 km)
Nearest Airport (Distance in Km) Chatrapati Shivaji International Airport
(Approx. 8.1 km)

3. Type of Institution Govt / Govt aided / University Dept /
Deemed Univ / **Private-Self**
Financed
Category (1) of the Institution Non Minority / **Minority**
(specify minority): Sindhi
Category (2) of the Institution **Co-Ed** / Women only

4. Name of the organization running the Institution **Hyderabad (Sind) National Collegiate Board**
Type of the Organization ~~Society / Trust / A company established under Secion 25 of Companies Act 1956 / PPP / BOT~~
Address of the Organization 124, Dinshaw Wachha Road, Vidyasagar
Principal K. M. Kundnani Chowk,
Churchgate, Mumbai -
Registered with Public trust registration office
(Charity Commissioner)
Registration date 11th Oct 1958
Website of the Organization <http://www.hsncb.com/>
5. Name of the affiliating University **University of Mumbai**
/ Board
Address M.G. Road, Fort, Mumbai-400032.
Website www.mu.ac.in
Latest affiliation period Permanent Affiliation
6. Name of Principal / ~~Director~~ **Dr. G.T.Thampi**
Exact Designation Principal
Phone Number with STD code 919967255590/919987111590
Fax number with STD code 91-22-26053590
Email gtthampi@yahoo.com/gtthampi@gmail.com
Highest Degree Ph.D. (Technology)
Field of Specialization Business Process Re-engineering

7. Governing Board Members

Sr. No.	Name of the Member	Designation
1	Mr. Kishu Mansukhani	President, Hyderabad (Sind) National Collegiate Board.
2	Mr. Anil Harish	Immediate Past President, Hyderabad (Sind) National Collegiate Board.
3	Dr. Niranjana Hiranandani	Past-President, Hyderabad (Sind) National Collegiate Board
4	Mrs. Maya Shahani	Trustee, Hyderabad (Sind) National Collegiate Board
5	Mr. Lal Chellaram	Trustee, Hyderabad (Sind) National Collegiate Board
5	Prin. Dinesh Panjwani	Secretary, Hyderabad (Sind) National Collegiate Board
6	Prof. Anand Patwardhan	Nominee of University of Mumbai
7	Secretary, Higher & Technical Education, Mantralaya, Mumbai	Secretary, Higher & Technical Education, Mantralaya, Mumbai
8	Directorate of Technical Education, Mumbai	Nominee of State Government Industrialist/Technologist/Educationist from the Region
9	Dr. Ashwini Kunte	Professor, TSEC
10	Mr. Chetan Agarwal	Assistant Professor, TSEC
11	Dr. G. T. Thampi	Member Secretary & Principal

Frequency of meetings & date of last meeting

01 in year

Last meeting held in

March 2022

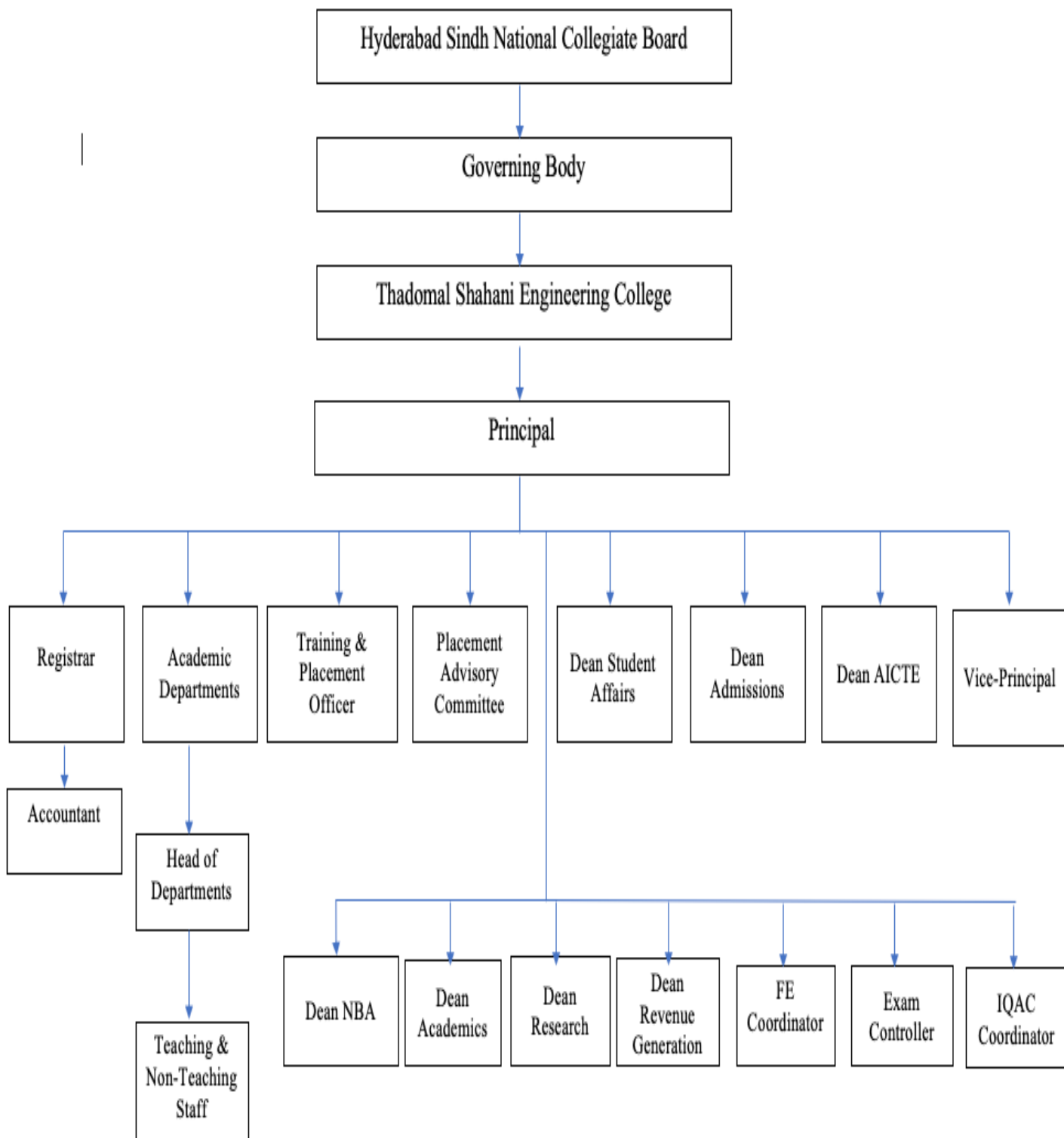
8 Academic Advisory Body

It is in place to look into various matters of Institute related to academics.

Frequency of meetings & date of last meeting

Twice in every semester, 28th May 2022

9 Organizational Chart



10 Student feedback mechanism on Institutional Governance / faculty performance

At the end of every semester students feedback is taken for every course and faculty associated with their class/ course. This feedback is analyzed and discussed with concerned faculty in the presence of Head of the Department and Principal.

11 Grievance redressal mechanism for faculty, staff and students

For faculty and staff grievance, the platform of Local Managing Committee is utilized & online grievance portal is also available. Every student is assigned a mentor and grievances related to academic and non-academic matters are conveyed to them. Head of Institute oversees both the above processes

12 Establishment of Anti Ragging Committee: Yes, as per the norms**13 Establishment of Online Grievance Redressal Mechanism**

College Grievance procedure is the method by which a grievance can be filed anonymously.

The users can file their complaints in different sections. Objectives of the grievance handling procedure are as follows:

1. To convey the users to air their grievance anonymously.
2. To obtain, where possible, a speedy resolution to the problem and to ensure that appropriate action has been taken.

14 Establishment of Grievance Redressal Committee in the Institution and Appointment of OMBUDSMAN by the University: Yes, as per the norms**15 Establishment of Internal Complaint Committee (ICC): Yes, as per the norms****16 Establishment of Committee for SC/ ST: Yes, as per the norms****17 Internal Quality Assurance Cell: Yes, as per the norms****18 Department**

a. Name of the Department	b. Course	c. Level	d.1 st year of approval by the council	e. Year wise Sanctioned Intake			f. Year wise Actual		
				2021 To 2022	2020 To 2021	2019 To 2020	2021 To 2022	2020 To 2021	2019 To 2020
Artificial Intelligence and Data Science *	Engineering	UG	120	120	60	-	125	63	-

Computer	Engineering	UG	180	180	180	180	189	191	189
Information Technology	Engineering	UG	120	120	120	120	125	127	126
Electronics and Telecommunication	Engineering	UG	60	60	60	60	33	57	48
Chemical	Engineering	UG	60	60	60	60	48	47	50
Biomedical	Engineering	UG	00	00	00	30	00	00	18

*New Emerging branch started in the academic Year 2021-2022.

Cut off Marks – General Quota -95.3721 %tile

% Students passed with Distinction

Result Analysis Shown Below

% Students passed with First Class

Statistical Data of final Year (B.E-Sem VIII) during the year 2020-21							
	No. of students Appeared in Final Year	No. of students passed in Final Year	Pass Percentage	No. of students passed with First Class	Percentage of First Class	No. of students passed with Distinction	Percentage of Distinction
Branch	Total	Total	%	Total	%	Total	%
Computer	151	151	100	25	16.56	124	82.11
IT	154	154	100	42	27.27	104	67.53
EXTC	81	81	100	20	24.69	58	71.6
BM	37	37	100	16	43.24	19	51.35
BT	30	30	100	6	20	23	76.67
Chemical	81	81	100	32	39.51	47	58.02
Total	468	468					
Total No. of students appeared in Final Year May 2021							534
Total No. of students passed in Final Year May 2020							468
The pass percentage of Final Year students who passed out of college in 2020-21 (students passed/students appeared) *100							100%

Students Placed	260
Average Pay package, Rs/Year	10 Lacs/ Annum
Students opted for Higher Studies	103
Accreditation Status of the course	Accredited till June 2022 by NBA for Five Undergraduate Programs- Computer Engineering, Information Technology, Electronics & Telecommunications, Biomedical Engineering, Chemical Engineering
Doctoral Courses	Ph.D.(Comp), Ph.D.(EXTC), Ph.D (IT)
Professional Society Memberships (Student Chapters)	CSI , IETE, ISTE, IChE, IE(I), MS

Professional activities:

- The Faculty organizes Short term training programs (STTP) and Faculty development programs (FDP) every year for teachers, students and industry people.
- The professional bodies at Institute levels (IETE, CSI) conduct technical and allied activities like workshops, lecture, seminar, Industrial visits, training etc. throughout the year.
- Hackathons are conducted to promote the understanding of “conversion of problem to logic”.
- Consultancy/Internship activities are handled by Industry Interaction Cell.
- Various departments in the college have received minor research grants from University of Mumbai.

Departmental Achievements

Over the years all departments of TSEC have been known to provide a good platform for the students to upgrade their skills. Project Expo is an inter-departmental project competition conducted every year. Some final year students of Computer as well as groups of IT department have won the Project Expo award. A good number of students received placement offers from reputed companies. Students are encouraged to pursue higher studies and they get admission in Ivy League Colleges and reputed universities of different countries. The IT department has the best socially relevant topics of PhD. Not only the students but also the faculty members of the department are equally accomplished. On an average teachers are succeeding in publishing 60 research papers every year.

Distinguished Alumni

TSEC has always been proud of its alumni. Many of them are holding top position in the corporate sector. Mr. Sailesh Patel who was a student of Computer Engineering Department, 1998 batch is the Managing Director of Star Online Technologies Ltd. Ms. Gargi Shah of 2006 batch is the Co-Founder of The Playce. Mr. Mohit Thathe of the same batch is a Founding Partner of Deconnect. Apart from them many ex-students are holding top positions in Google and Amazon. From the IT department, Mr. Mihir Malani of the 2007 batch is Founder of CheckerBoard Solutions. Mr. Nikhil Nawathe of 2009 batch is designated as Research Manager in Facebook. Mr. Prashant Bhutani, 2004 batch is the Senior Sales Director(South East Asia) of MEASAT Satellite Systems. Mr. Chander Shivdasani of 2007 batch and Mr. Romy Soni of 2010 batch are designated as Vice President in Goldman Sachs. The Chemical Engineering Department has Mr. Tushar Jhaveri as the owner and CEO of Vasu Chemicals as a distinguished alumni. Apart from him, Mr. Ashish Jain is the MD of Siddharth Carbochem Products. Mr. V.K.Joshi is the Senior General Manager & Head of Business development of Thyssenkrupp Industrial Solutions (India) Private Limited. The Biomedical Department also has many distinguished alumni. Mr. Rajesh Nair of 1995 batch is the Vice President of Medirays

Corporation. Both Mr. Kunal Gursahani of 2006 batch and Ms. Anchal Gupta of 1995 batch are Directors of Alpha Plus Technologies Pvt. Ltd and Yogi Kripa Medi Chem respectively. Mr. Deepak Kothavade of 1996 batch is appointed as the National Director of Patient Centered Medical Home at United Health Group, USA.

19 Department wise Teaching Faculty

Faculty Details is available on Individual department sections of our Website www.tsec.edu

20 Profile of Principal / Faculty

Details available on college website www.tsec.edu/gtthampi.pro

21 Admission Procedure

Admission quota	80% Central Admission Process Managed by State Government and 20% Institute level admission managed by Institute.		
Entrance test / Admission Criteria	Admission criteria as per Govt. of Maharashtra State Common Entrance Test Cell.		
Fees in rupees	2021-22	2020-21	2019-20
	1,89,505/-	Rs.1,89,103/-	Rs.1,68,295/-

Number of Fee Waivers offered	24 (TFWS Candidates)
Admission Calendar	For every academic year admission schedule is declared by D.T.E. (Presently Govt. of Maharashtra State Common Entrance Test Cell). Institute level admissions are conducted tentatively in the month of July, on the basis of guideline of DTE issued for that academic year.
PIO quota	No

22 As per the rules laid down by Admission Regulating Authority & Director of Technical Education Government of Maharashtra.

23 List of Applicants:

As per the rules laid down by Admission Regulating Authority & Director of Technical Education Government of Maharashtra.

24 Results of Admission under Management seats/Vacant seats:

As per the rules laid down by Admission Regulating Authority & Director of Technical Education Government of Maharashtra.

25 Infrastructural Information

- Number of Class Rooms and size of each : As per AICTE norms
- Number of Tutorial rooms and size of each : As per AICTE norms
- Number of Laboratories and size of each : As per AICTE norms
- Number of Drawing Halls with capacity of each : As per AICTE norms
- Number of Computer Centers with capacity of each : Yes, 01 Room, 130 PCs
- Central Examination Facility, Number of rooms and capacity of each : Yes, As per AICTE norms
- Barrier Free Built Environment for disabled and elderly persons : Yes
- Occupancy Certificate : Yes
- Fire and Safety Certificate : Yes
- Hostel Facilities : No

26 Library:

- Total number of books: 43,089
- Titles: 8413
- Volumes:43,089
- Total cost of Books (in Lakhs):- 132 Lakh
- Number of Print Journals Available:40
- No. of E-Journals:- 275

27 Laboratory and Workshop:

Internet Bandwidth	700 MBPS
Total Number of PCs	927
Computer Center	130 Pcs
Language Lab	45 PCs
Digital Library	25 PCs
MOOCS Platforms	NPTEL, National Digital Library
UPS/Stabilizer Facility	Available in some Departments
NAD Compliance	Affiliated to Mumbai University

28 Computing Facilities:

Internet Bandwidth	700 MBPS
Total Number of PCs	927

Computer Center	130 Pcs
Language Lab	45 PCs
Digital Library	25 PCs
MOOCS Platforms	NPTEL, National Digital Library
UPS/Stabilizer Facility	Available in some Departments
NAD Compliance	Affiliated to Mumbai University

29 **Innovation Cell:** Yes

30 **Social Media Cell:** Yes

31

Boys Hostel	-
Girls Hostel	-
Medical & other facilities at Hostel	-

32

Academic Sessions	1. July to November 2. January to April As declared by University of Mumbai
Examination system, Year / Semester	Semester
Period of declaration of results	Within 45 days

33

Counseling / Mentoring	Yes
Career Counseling	Yes
Medical Facilities	Yes (First Aid kit available in Principal Office)
Students Insurance	Yes

Teaching Learning Process	
Curricula and syllabus for each of the programmes as approved by the University	Please refer college website, department wise syllabus available
Academic Calendar of the University	Please refer college website, department wise data available
Academic Time Table with the name of the Faculty members handling the Course	Please refer college website, department wise data available

Internal Continuous Evaluation System and place	Yes
Student's assessment of Faculty, System in place	Yes

35 Students Activity Body

College has student chapter of various committees like

- **TSEC Students' Council** is a student body of the college which overhauls the working of cultural events in and out of the college
- **TSEC Sports Committee** is the sole body responsible for encouraging various athletes, sports persons and enthusiasts by conducting sport activities
- **TSEC Synapse** is the Magazine committee is responsible for the Annual College Magazine
- **CSI-TSEC** is the student branch which comes under the CSI – Mumbai chapter and today it is one of the most vibrant amongst all the student branch
- **NSS-TSEC** is the non-technical society of TSEC and has been involved in many social activities
- **UBA-TSEC** is the non-technical society of TSEC and has been involved in many social activities under Unnat Bharat Abhiyaan Scheme
- **IChE-TSEC** is the chemical technical society and conducts seminars, research paper presentation, and industrial visits with a vision of integrating textbook learning with industrial knowledge.
- **IETE-TSEC** is students' forum of the Institution of Electronics and Telecommunication(IETE)
- **ISTE-TSEC** i.e., Indian Society for Technical Education - TSEC aims at upbringing the technical knowledge of the Engineering Students, delivered various successful Workshops, Seminars and Competitions, with a satisfying experience from the students.
- **Rotaract Club-TSEC**, organizes many events which help the students get in touch with their humane side. The events like railway beautification project and campaign to help out the flood stricken individuals are some of the examples
- **E Cell-TSEC** aims at providing it's students with a platform where they could think, innovate and create. A place where entrepreneurs can hone their skills, by facilitating them with various workshops, seminars, sessions and all the necessary resources. They achieve this by conducting a carter fair by the name of Embark and the TSEC Project
- **TSEC Code Cell & TSEC CodeStorm:** TSEC CodeStorm is a student's forum. The goal is to expand and surge opportunities for aspiring coders through our events and workshops. The major event organised by both the committee is hackathon.
- **TSEC-MCL (Media Information Communication):** Media Cell of the college

Cultural activities

”Trifles” is one of the largest engineering cultural festivals held in Mumbai, which the TSEC Students' Council hosts every academic year. The auditions for National-level award winning Street Play, Fashion Show and Dance Team are held by Students' council. The intra-level festival Avalanche, Traditional Day, Leadership Meet and BE Farewell are also planned and organized by this committee that pledges to make sure that enjoyment and opportunities are guaranteed to each individual.

Sports activities

The inter-collegiate festival “Yudh” has been hugely successful in making its mark amongst the best sporting events in Mumbai. The massive participation that this event receives explains its popularity in and outside college. Also Invictus is the intra level festival that the Sports committee organizes. In this event that unites every branch as the students across the four years vie for the best branch trophy and budding sportspersons are given recognition. The TSEC football, cricket, basketball, badminton, throw ball, carom and chess teams that involve both girls and boys are managed by this committee.

Literary activities, Newsletter and Technical Magazines

The TSEC Magazine Committee publishes the annual magazine “Synapse” Showcasing student article, poems, and stories and organizes many literary activities throughout the year.

The TSEC ECell publishes “Ennovare”, a proceeding of the Project Expo. IChE publishes the departmental magazine “Catalyst” and IE(I) publishes the technical magazine “Technobuzz” .

Technical activities / Teachfest

- ISTE - TSEC organizes **Cryptech**, which boasts of many hands on workshops and learning activities. These are primarily for students belonging to EXTC.
- IE(I) - TSEC Organizes two technical festivals, **Engineer's Month** and **TantrAvishkar** one in each semester. These events primarily cater to the needs of students belonging to Chemical, Biotechnology, Biomedical and EXTC Engineering.
- IChE organizes the annual Chemical Engineering Symposium **Chemergence** in association with IChE - MRC.
- CSI – TSEC organizes **TechNext** and **8** both of which are intercollegiate level techfests. These are very helpful to students from CS and IT branches. All the aforementioned committees conduct student activities including workshops, seminars, conferences, technical competitions, training programs and industrial visits which keeps the students involved in extra – curricular activities along with their academic curriculum and giving them a platform to show case their talent and develop their skills and talent

Alumni activities

The College has alumni association, they registers and communicate themselves with our dedicated alumni portal (<https://tsec.almaconnect.com/>). The annual meeting every year in the month of January & December is organized. Alumni routinely visit the Institute and lend their support for various technical activities.

36. List of Research Projects/ Consultancy Works

Grant Received:

Name of the faculty	Project Title	Project Type Research/Consultancy	Funding Agency	Amount
Biomedical Dept (Year 2009-2010)	MODROB	AICTE Grant	AICTE	15,00,440
IT Department (Year 2009-2010)	MODROB	AICTE Grant	AICTE	10,02,533
Dr.G T Thampi (Year 2012-2013)	Entrepreneurship Development Cell	AICTE Grant	AICTE	2,00,000
Chemical Department (Year 2012-2013)	MODROB-distillation column	AICTE Grant	AICTE	6,00,000
Chemical Department (Year 2012-2013)	MODROB-CRE lab	AICTE Grant	AICTE	3,00,000
Dr. Elizabeth Joseph (Year 2015-2016)	Phase Equilibria for Carbon Dioxide Absorption	Minor Research Grant	Mumbai University	30,000
Dr. Mani Roja M.E (Year 2016-2017)	Touch in Digital Camera	Minor Research Grant	Mumbai University	25,000
Dr. Mita Bhowmick (Year 2016-2017)	Vein detection using infrared for Venipuncture	Minor Research Grant	Mumbai University	23,000
Anuradha Mistry (Year 2018-2019)	Alerting System for Technology Induced Neck Pain	Minor Research Grant	Mumbai University	50,000

Dhananjay Theckedath (Year 2018-2019)	Deep learning	Research Grant	Nvidia Corporation	1,50,000
Dr. Madhuri Rao (Year 2018-2019)	Information Technology	Minor Research Grant	Mumbai University	35,000
Dr. G. T. Thampi (Year 2019-2020)	1. Modeling digital prototyping using Augmented Reality Techniques. 2. Experimenting with Autonomous Robots	Minor Research Grant	Mumbai University	30,000
Dr. Maniroja Edinburgh (Year 2019-2020)	Radio frequency-controlled robot for environment cleaning	Minor Research Grant	Mumbai University	25,000
Prof. Sampada Pinge (Year 2019-2020)	1. Gesture Control Robot 2. IOT based drowsy driver detection system	Minor Research Grant	Mumbai University	40,000
Dr. Gauri Shukla (Year 2019-2020)	Visual Field Analyzer	Minor Research Grant	Mumbai University	38,000
Dr. Ramesh Bhande (Year 2019-2020)	Hydrodynamic & heat transfer studies in slurry bubble column reactor	Minor Research Grant	Mumbai University	37,000
Dr. Bhushan Jadhav (Year 2019-2020)	Information Technology	Minor Research Grant	Mumbai University	25,000
Prof. Vijal Jain (Year 2019-2020)	Investigating accuracy of SAR images by eliminating speckle noise	Minor Research Grant	Mumbai University	30,000

- **MoUs with Industries (minimum 3): Yes**

37 **LoA and subsequent EoA till the current Academic Year :** Available on college Website

38 **Accounted audited statement for the last three years :** Available on college Website

39 **Name of the Information Officer for RTI:** NA (As per the judgment given by the Mumbai High Court/Nagpur Bench: Writ Petition 5132 of 2008, pronounced on 20th August 2009).