Institute of chemical Technology Mumbai, Marathwada off Campus Jalna.

Mandatory Disclosure

INSTITUTE OF CHEMICAL TECHNOLOGY
MUMBAI MARATHWADA OFF CAMPUS JALNA

M/s Beej Sheetal Innovations Centre Private Limited,
BT-6/7, Biotechnology Park, Additional MIDC Area,
Aurangabad Road, Jalna- 431 203
Ph.No. 7378468193
Website:www. marj.ictmumbai.edu.in
Email-director@marj.ictmumbai.edu.in

1. Name of the Institution:

Institute of Chemical Technology Mumbai, Marathwada off Campus Jalna.
M/s Beej Sheetal Innovations Centre Private Limited, BT-6/7, Biotechnology Park,
Additional MIDC Area, Aurangabad Road, Jalna- 431 203
Tel. 7378468193
Email ID- director@marj.ictmumbai.edu.in
website: https://www.marj.ictmumbai.edu.in

2. Name and address of the Trust/Society/Company and the Trustees:

Name – Institute of Chemical Technology
Type of the Organization – Society
Registered with – Assistant Registrar of Societies, Greater Bombay Region
Registration Date – 28/06/2004
Registration No. - 2004/G.B.B.S.D./1023
State – Maharashtra City – Mumbai Pin – 400019

Trust Details

Name	Designation
Prof. A.B. Pandit	Chairman
Prof. R.A. Mashelkar	Chairperson
Prof. S.S. Bhagwat	Member
Mrs. Sandra Shroff	Member
Mr. Madhukar B. Parekh	Member
Dr. U. Shekhar	Member
Secretary, Higher and Technical Education	Member
Prof. P.V. Devarajan	Member
Prof. V.G. Gaikar	Member
Shri J.R. Shah	Member
Shri. Nitin Deshmukh	Member
Dr. Abhay Jere	Member
Prof. Manoj Kumar Tiwari	Member
Prof. R.R. Deshmukh	Secretary

3. Name and Address of the Director:

Prof. Dr. Uday S. Annapure
Address- Institute of Chemical Technology Mumbai, Marathwada off Campus Jalna.
M/s Beej Sheetal Innovations Centre Private Limited, BT-6/7, Biotechnology Park, Additional MIDC Area, Aurangabad Road, Jalna- 431 203,Tel. 7378468193
Email ID- director@marj.ictmumbai.edu.in

4. Name of the affiliating University:

Institute of Chemical Technology Mumbai.

5. Governance:

Members of the Board and their brief background	https://www.ictmumbai.edu.in/uploaded_files/Board.pdf
Members of Academic Advisory Body	https://www.ictmumbai.edu.in/uploaded_files/All_Deans_Committees_21.1.2022.pdf
Frequently of the Board Meeting and Academic Advisory Body	https://www.ictmumbai.edu.in/uploaded_files/Minutes%20of%20the%2026th%20meeting%26-8-2021.pdf
Organizational chart and processes	https://www.ictmumbai.edu.in/uploaded_files/Citizen_Charter_ICT_Mumbai.pdf
Nature and Extent of involvement of Faculty and Students in academic affairs/improvements	https://www.ictmumbai.edu.in/res_innovation.aspx?sCatid=4
Mechanism/Norms and Procedure for democratic/good Governance	https://www.ictmumbai.edu.in/uploaded_files/ICT-Statutues-Approved-by-GoM.pdf
Student Feedback on Institutional Governance/ Faculty performance	https://marj.ictmumbai.edu.in/Feedback.aspx
Grievance Redressal mechanism for Faculty, Staff and Students	https://marj.ictmumbai.edu.in/DisplayPage.aspx?page=ie&ItemID=e
Establishment of Anti Ragging Committee	https://marj.ictmumbai.edu.in/uploaded_files/Anti_ragging_Committee.pdf

Establishment of Online Grievance Redressal Mechanism	https://marj.ictmumbai.edu.in/DisplayPage.aspx?page=ie&ItemID=e
Establishment of Grievance Redressal Committee in the Institution and Appointment of OMBUDSMAN by the University	https://marj.ictmumbai.edu.in/uploaded_files/Grievance_Redressal_Committee.pdf
Establishment of Internal Complaint Committee (ICC)	https://marj.ictmumbai.edu.in/uploaded_files/ICC_committee.pdf
Establishment of Committee for SC/ST	https://marj.ictmumbai.edu.in/uploaded_files/SCST_Committee.pdf
Internal Quality Assurance Cell	https://marj.ictmumbai.edu.in/uploaded_files/Industry_Cell_Committee.pdf

6. Programmes:

6.1 Name of Programmes approved by AICTE:

Sr.No.	Programme Level	Name of the Programme/Course
01.	Post Graduate	Integrated M.Tech.In Chemical Engineering
02.		M.Tech.in Food Engineering and Technology
03.		M.Tech.in Pharmaceutical Technology
04.		M.Tech.in Polymer Engineering and Technology

6.2 Name of Programmes Accredited by NBA: NA

6.3 Programme details:

Name of Programmes	No. of Seats	Duration	Cut off marks/ Rank of Admission						Fee (in Rs.)
			2022-23		2021-22		2020-21		
			Open	Reserved	Open	Reserved	Open	Reserved	All category
Integrated M.Tech (Chemical Engineering)	60	5	12.09	3.35	34	9	28	9	92100/-
M.Tech in Food Engineering and Technology	18	2	10	7	6	6	11	4	78750/-
M.Tech.in Pharmaceutical Technology	18	2	10	7	5	7	6	4	78750/-
M.Tech.in Polymer Engineering and Technology	18	2	10	7	5	0	1	1	78750/-

7.Faculty:

7.1 Faculty List:

Sr.No.	Employee Name	Designation	Department	Date of joining	Nature of Association
01.	Prof.U.S.Annapure	Director	Food Technology	15/04/2003	Permanent
02.	Dr.Parag Nemade	Dy.Director / Assistant Professor	Chemical Engineering	01/01/2011	Permanent
03.	Dr.Girish M.Joshi	Associate Professor	Engineering Physics	19/09/2018	Permanent
04.	Dr.Manoj B.Gawande	Associate Professor	Chemistry	04/09/2019	Permanent
05.	Dr.Manojkumar M.Jadhao	Assistant Professor	Analytical Sciences	18/09/2018	Permanent
06.	Dr.Sandeep P. Bhairat	Assistant Professor	Mathematics and Computer Science	05/09/2018	Permanent
07.	Dr.Nagsen P. Meshram	Assistant Professor	Applied Physics	09/12/2019	Permanent

08.	Dr.Kapil I. Sagrolikar	Assistant Professor	Communication Skill and Humanities	20/12/2019	**Permanent**
09.	Dr.Somen Mondal	Assistant Professor	Physical Chemistry	23/12/2019	**Permanent**
10.	Dr.Debashis Kundu	Assistant Professor	Chemical Engineering	30/12/2019	**Permanent**
11.	Dr.Saurav Raj	Assistant Professor	Electrical/ Electronic Engineering	31/12/2019	**Permanent** **Permanent**
12.	Dr.Joyita Sarkar	Assistant Professor	Biotechnology	01/01/2020	**Permanent**
13.	Dr.Hitendra J.Patil	Librarian	Librarian	25/02/2020	**Permanent**
14.	Shri Sharad Lahoti	Associate Dean(Industry)	Associate Dean (Industry	11/09/2018	**Contractual**
15.	Dr.Atul Bari	Assistant Professor	Petro Chemical Engg	06/04/2021	**Contractual**
16	Dr. Sandhya Shewale	Assistant Professor Food Technology	Food Technology	03/05/2021	**Contractual**
17	Dr. Navnath Hatvate	Assistant Professor Pharmaceutical Technology	Pharmaceutical Technology	06/05/2021	**Contractual**
18	Dr. Yogesh Gat	Assistant Professor Food Technology	Food Technology	07/05/2021	**Contractual**
19	Dr.Supriyo Kumar Mondal	Assistant Professor	Energy Engineering	24/01/2022	**Contractual**
20	Mr.Bhushan D.Patare	Assistant Professor		09/11/2022	**Contractual**
21	Ms.Namita Karna	Assistant Professor		09/11/2022	**Contractual**
22	Mr.Ajinkya M.Satdive	Assistant Professor		09/12/2022	**Contractual**
23	Dr. Shrikant S.Mete	Assistant Professor		09/01/2023	**Contractual**

8. Profile of Vice Chancellor/Director/Principal/Faculty

For each Faculty give a page covering with Passport size photograph	https://marj.ictmumbai.edu.in/EMPBiodata.aspx
Name	
Date of Birth	
Unique ID	
Education Qualifications	

Work Experience

Teaching	https://marj.ictmumbai.edu.in/EMPBiodata.aspx
Research	
Industry	
Others	
Area of Specialization	
Courses taught at Diploma/Post Diploma/Under Graduate/Post Graduate Diploma Level	

Research guidance (Number of Students)

No.of papers Published in National/International Journals/Conference	https://marj.ictmumbai.edu.in/EMPBiodata.aspx
Master (Completed/Ongoing)	
Ph.D (Completed/Ongoing)	
Projects Carried Out	
Patents (Filed & Granted)	
Technology Transfer	
Research Publications (No.of Papers Published in National/International Journals/Conference)	
No.of Books published with details (Name of the book, Publisher with ISBN, year of publication,etc.)	

9. Fee:

Details of Fee, as approved by State Fee Committee, for the Institution	https://www.ictmumbai.edu.in/uploaded_files/Handbook_2022-2023.pdf
No. of Fee waivers granted with amount and name of students	NA
Number of scholarship offered by the Institution, duration and amount	The students are encouraged by awarding Institute merit scholarship of Rs.5000/- to first three toppers from each class every year. Around 10 students are benefitted under this scheme https://www.ictmumbai.edu.in/uploaded_files/Handbook_2022-2023.pdf Page No.323
Criteria for Fee waivers/scholarship	https://www.ictmumbai.edu.in/uploaded_files/Handbook_2022-2023.pdf

Estimated cost of Boarding and Lodging in Hostels	https://www.ictmumbai.edu.in/uploaded_files/Handbook_2022-2023.pdf Page No.327
Any other fee please specify	NA

10. Admission:

- Number of seats sanctioned with the year of approval https://marj.ictmumbai.edu.in/uploaded_files/EOA_Report_22-23_MARJ.pdf
- Number of Students admitted under various categories each year in the lastthree years **Annexure A**
- Number of applications received during last two years for admission under Management Quota and number admitted
  No Management Quota

11.Admission Procedure:

Mention the admission test being followed,name and address of the Test Agency/State Admission Authorities and its URL (website)	https://www.ictmumbai.edu.in/uploaded_files/Handbook_2022-2023.pdf Page No.322
Number of seats allotted to different Test Qualified Candidate separately (AIFFE/CET (State conducted test/University tests/CMAT/GPAT)/ Association conducted test etc.)	https://www.ictmumbai.edu.in/uploaded_files/Handbook_2022-2023.pdf Page No. 322

Calendar for admission against Management/vacant seats:

Last date of request for application	Not Applicable
Last date of submission of applications	
Dates for announcing final results	
Release of admission list (main list and waiting listshall be announced on the same day)	
Date for acceptance by the candidate (time givenshall in no case be less than 15 days)	
Last date for closing of admission	
Starting of the Academic session	
The waiting list shall be activated only on the expiryof date of main list	
The policy of refund of the Fee, in case of withdrawal, shall be clearly notified	

12. Criteria and Weightages for Admission:

Describe each criterion with its respective weightages i.e. Admission Test, marks in qualifying examination etc.	https://www.ict mumbai.edu.in/ uploaded_files/Handbook_2022-2023.pdf
Mention the minimum Level of acceptance, if any	
Mention the cut-off Levels of percentage and percentile score of the candidates in the admission test for the last three years	
Display marks scored in Test etc. and in aggregate for all candidates who were admitted	

13.List of Applicants:

List of candidate whose applications have been received along with percentile/percentages core foreach of the qualifying examination in separate categories for open seats. List of candidate who haveapplied along with percentage and percentile score for Management quota seats (merit wise)	Not Applicable

14.Results of Admission under Management seats/Vacant seats:

Composition of selection team for admission under Management Quotawith the brief profile of members (This information be made available in the public domain after the admission process is over)	Not Applicable
Score of the individual candidate admitted arranged in order or merit	
List of the individual candidate admitted arranged in order or merit	
Waiting list of the candidate in order of merit to be operative from the last date of joining of the first list candidate	
ist of the candidate who joined within the date ,vacancy position in each category before operation of waiting list	

15.Information of Infrastructure and Other Resources Available:

1. Number of Class Rooms , Tutorial rooms and size of each:

Sr.No.	Room ID	Avg. Size of Room
01	C 1	33.6
02	C 2	30.65
03	C 3	87.75
04	C 4	31.69
05	C 5	31.85
06	C 6	31.85
07	C 7	31.85
08	C 8	138.4
09	C 9	34.69
10	C 10	34.69
11	T 1	30.33
12	T 2	30.65

2. Number of Laboratories and size of each:

Sr.No.	Room ID	Avg. Size of Room
01	AN	23.46
02	AT	9
03	BC	35.01
04	CE-1	60.67
05	CH-1	94.76
06	CH-2	33.6
07	CH-3	49.4
08	E1	28.69
09	F-1	30.33
10	F-2	30.33
11	F-3	19.27
12	F-4	16.4
13	GC	27
14	I M TECH	71.6
15	ITC	33.6
16	ll-1	92.1
17	PET	33.6
18	PH-1	25.88
19	PH-2	49.93
20	PHA-1	30.65
21	WL-1	48.28
22	WL-2	29.44
23	WL-3	58.77

3. Number of Drawing Halls with capacity of each:

Sr.No.	Room ID	Avg. Size of Room
01	D1	87.75
02	D2	58.77

4. Number of Computer Centres with capacity of each:

Sr.No.	Room ID	Avg. Size of Room
1	CC-1	71.92
2	CC-2	24.28
3	CC-3	92.1

5. Central Examination Facility, Number of rooms and capacity of each:

Sr.No.	Room ID	Avg. Size of Room
1	EXCO-1	24.64
2	EXCO-2	10.58

Online examination facility (Number of Nodes, Internet bandwidth, etc.)	IPC computer lab available 67 + PC and 120 mbps internet bandwidth.
Barrier Free Built Environment for disabled and elderly persons	Yes
Occupancy Certificate	Yes
Fire and Safety Certificate	Yes

6. Hostel Facilities:

Sr.No.	Hostel	No.of Students
01.	Boys Hostel	192
02.	Girls Hostel	48
	Total	**240**

7.Library:

7.1 Number of Library books/Titles/Journals available:

01.	Number of Library Books	1730
02.	Number of Title	1200
03	Number of Journals	446

List of online National/International Journals subscribed & E-Library facilities

National Digital Library (NDL) subscription details	Membership No. – INMHNCVCNKB6PCQ

8.Laboratory and Workshop:

8.1 List of Major Equipment/Facilites in each Laboratory / Workshop:

Sr.No.	Name of Laboratory	Major Equipment
1	Physics Lab	Advaned Traveling Microscope,
		Surface Goniometer
		Dispersive power of prism
		Thermal Conductivity
		Laser Diffraction
		Youngs Modulus Apparatus
		Resistivity of semiconductor by four Probe method at different temp
		Universal B-H curve Tracer
		Characteristics of LDR Trainer
		Hall Effect Experiment kit
		Viscosity By Poiseuilles Method
2	Petrochemical Laboratory	Able Flash Point Apparatus
		Pensky Marten Flash Point Apparatus
		Saybolt Viscometer
		Penetro Meter
		High Temp Drop Point Apparatus
		Reid Vapour Pressure Test Apparatus
		Distillation Rang Apparatus
		P33 Copper Corrrosion Test Apparatus
		Ramsbottam Carbon Residue Apparatus
		Semi-Automatic COC Flash Point
		High Temperature Muffle Furnace
		Smoke Point Apparatus
		Laboratory Precision Oven
		Pour Point Bath
		Redwood Viscometer
		Conradson Carban Residve
		Heating Mentle, 2 units
		Syringe Pump, 3 units
		Oil Heating Bath
3.	Chemical Engineering	Distillation Column
		Study Of Mass Transfer
		Absorption In Packed Be
		Liquid-Liquid Extraction In Packed Bed
		Venturi And Orifice Meter Apparatus
		Study Of Pipe Fittings
		Helical Coil Apparatus
		Study Of Friction In Pipes
		Two Phase Heat Transfer Apparatus
		Flow Through Fluidized Bed

		Hydrodynamics Of Packed Bed
		Centrifugal Pump Test Rig
		Magnetic Stirrer 2 Litres Capacity With Hot Plate And Digital Speed Indicator
		Precision Gold Balance
		Laboratory Precision Oven
4.	Wet Lab-02	DLAB hot plate with Magnetic Stirrer
		Rotary Evaporator
		Vacuum Oven with vacuum pump
		Digital PH Meter
		Fume Hood
		Weighing Balance
		Remi Overhead Stirrer
5	Electrical Engineering Lab	Power measurement using to wattmeter Method
		AC motor setup (Detachable Type) For speed &Torque Test (9537) attached with DC motor
		Single phase transformer Lab
		Variac ser
		DX-1103 Digital storage oscilloscope
		Rectifiers And Filters
		Three Phase Measurement System
		GV Rheostat
		0perational Amplifier Trainer
		Phase Difference in L.C.R. Circuits
		Characterictics of transistor
		Transformer, Capacity-5K.V.A.Primary
		All Types Load Bank : Type: LAMP/RESISTANCE/CAPACITOR/INDUCTION LOAD
6.	Work Shop	Welding Machine
		Bench Drilling Machine
		Carpentry Vice
		Shaper Heavy
		Power Hacksaw Machine
		Lathe Machine
		Universal Geared Head MILLING
		chop saw cutter grinding machine
7.	Raman Lab	TCSPSC
		Raman spectroscopy
8.	Reactor Room	CEM Discover SP/Explorer i.e. Microwave Reactor
		DI-WATER PREFILATRACTION ASSEMBLY
		Fixed Bed Reactor
		Tube Furnace
		High Pressure Reactor (Autoclaves for hydrogenation)

9.	GC Lab	Gas Chromatography 1 (GC-1
		Gas Chromatography Mass Spectromeytry (GC-MS)
		Photo Reactor
		BET Surface Area Analyser
10.	Biochemistry/Microbiology Lab	Tarsons Rocking shaker
		Serological water bath
		Thermo Mini Amp Plus Thermal Cycler
		Orbital shaker cum incubator
		Vertical Laminar Airflow Biosafety Cabinet
		Magnus Laboratory Binocular Microscope
		Vertical Autoclave
		Remi 2MLH Magnetic Stirrer
		Remi Cyclo Mixer
		Primovert Phase Contrast microscope
		Spire Automation & Innnovation Biosafety cabinet
		Eppendorf -80 °C Freezer
11.	Pharma Lab	Laboratory Precision Oven
		Muffle Furnace
		Cryostate water bath
		Laboratory orbital shaker
		pH/Meter
		Vacuum Oven
		Weighing Balance
		Conductivity Meter
		Analytical Balance
		Heating Mantle
12.	Chemistry Lab	Digital PH meter -
		Conductivity TDS meter
		Digital Potentiometer
		Micro Process Karlfisher
		Digital Photoelecrtic Colorimeter
		Spectrophotometer
		Digital Melting Point-
		Magnetic Stirrer 2 Ltr-
		Distilled water set (Glass)-
		Distilled water set (Steel)
		UV Cabinet
		Weigheing Balance-
		Rotary Evaporater & Vacuum Pump -
		Induction Coil
		Micropipette"BIOSTRING U.S.A"
13.	Expermental Lab	PH Meter (new
		Centrifuge Machine -

		Angle Heads-R-247
		Soxhlet Apparatus
		Laboratory Oven
		Hydroulic Press
		Photoreactor
		Over Headed Stirrer
		Chiller
14.	Analytical Lab	HPLC
		UV Spectroscopy
		Gas Chromotography
		GCMS
		FTIR
		Gel Electrophoresis
		Weigheing Balance
15.	Isothermal Titration Calorimeter LAB	Isothermal Titration Calorimeter
		Polarimeter
		Electro Chemical Work Station
		CAP RQ QUADRUPOLE ICP-MS SPECTROMETER
		BET-SURFACE AREA ANALYSIS
16.	Food Lab	Tray Dryer
		Spray Dryer
		Colorimeter
		Microwave oven
		Refractometers
		Muffle furnaces

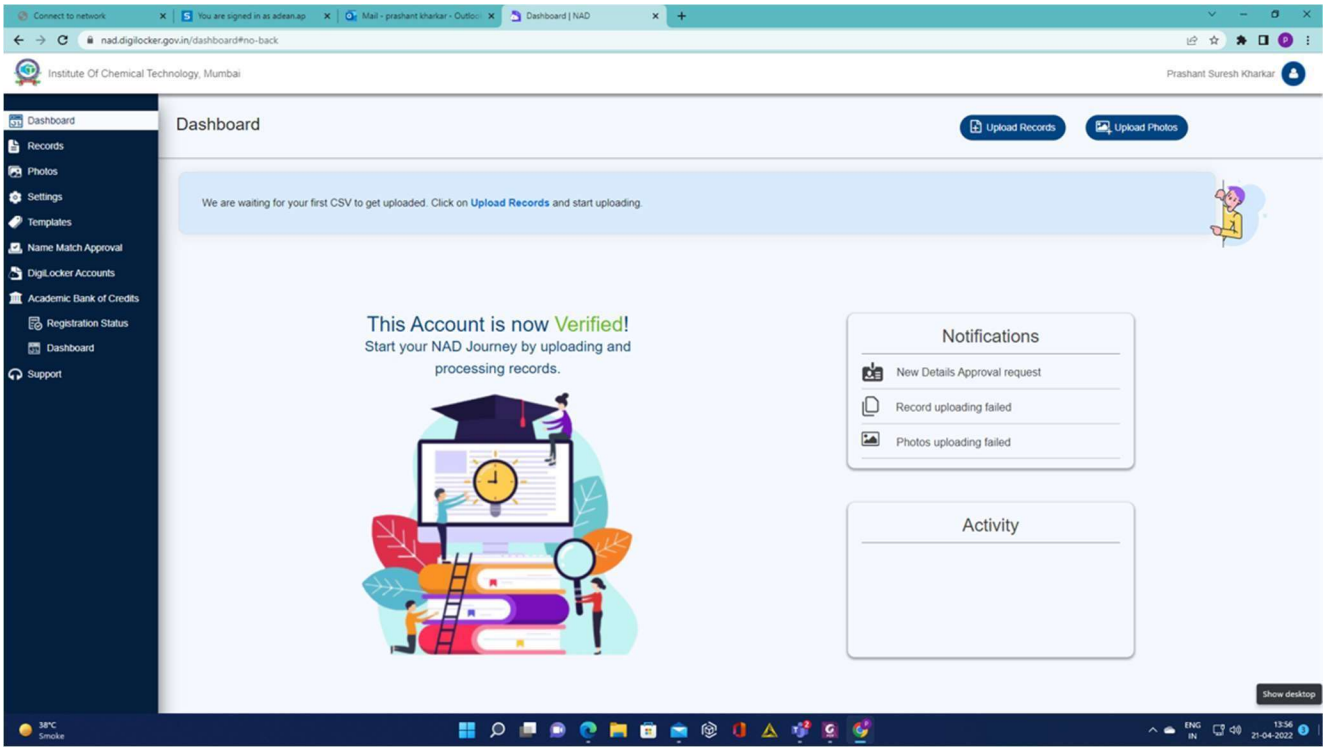
Computing Facilities:

Internet Bandwidth	120 Mb/s
Number and configuration of System	62 - All in one computer; Hp 200 G3 AiO; Intel i3 8th Gen; 4 GB DDR4; 1 TB HDD ; DVD ; Win 10 Pro OS; 21.5" FHD ; USB Keyboard and Mouse ; MS Office 2016 Standard 60-Lenovo V530, Intel Core i5-9400 Processor, 16 GB DDR 4 2666MHZ UDIMM, 256 GB SSD, 2.5 SATA OPAL 2.0, TLC Slim DVD RAMBO 9.0 Integrated Graphics, Windows 10 Home 64, USB Keyboard, USB Mouse, W10 Home Warranty 3Y

	ONSITE Think Vision T23D-10 22.5" WUXGA LED Backlight / LCD Monitor 1- Dell 22.5" Screen, Intel Core i7 Processor, 16 GB DDR 4 RAM , 512 GB SSD, USB Keyboard, USB Mouse
Total number of system connected by LAN	LAN users in the all buildings 123
Total number of system connected by WAN	1
Major software packages available	1) Microsoft Campus Licensing Agreement(Windows and Server o/s, Office365, SQL Processor Based license) 2) Matlab 2009b - (50 users) 3) Aspen - (1 user Research license) 4) MOE - single user license 5) SolidWorks - (60 users) 6) Ansys CFD - (35 users) 7) Ansys Mechanical - (5 users) 8) Gabbi - Academic - 50 users, professional - 1
Special purpose facilities available(Conduct of online Meeting/Webinars/Workshops,etc.)	Zoom subscriptions, Microsoft Teams, Video conferencing, Studio facility, IPC computer lab
Facilities for conduct of Classes/courses in online mode (Theory & Practical)	Zoom subscriptions, Microsoft Teams, Video conferencing, Studio facility, IPC computer lab
Innovation Cell	https://www.ictmumbai.edu.in/uploaded_files/ICT_Innovation_&_Startup_Policy_2020.pdf
Social Media Cell	Facebook - https://www.facebook.com/Institute-of-Chemical-Technology-MumbaiMarathwada-CampusJalna-103395215367689 Twitter - https://twitter.com/ICT_MARJ?s=20

	LinkedIn - https://www.linkedin.com/company/marj/ Instagram - https://instagram.com/ict_mumbai.marj YouTube - https://m.youtube.com/channel/UCcTgWOb0KdCqWnojHSVuCzg

Compliance of the National Academic Depository (NAD), applicable to PGCM Institutions and University Departments



List of facilities available:

- **Games and Sports Facilities:**

Playground:

The institute provides excellent sports facilities. A playground with area 2845sqm is developed in thecampus for playing outdoor games such as cricket, football, Volleyball ,Badminton etc.Similarly, the institute also has the facility for indoor games such as chess, carom and table tennis.

Gymnasium:

The gymnasium is equipped with all modern equipment for body building and fitness. Some of major equipment available in the gymnasium are Treadmills ,Cycle ,Dumbbell's ,Rope ,Skipping Rope, standard weight lifting set, bench press etc. The facility of steam and sauna bath is also available in the gymnasium.

- **Extra-Curricular Activities:**

Every year annual camp and various activities like tree plantation, blood donation, Swachha Bharat Abhiyan, ,Eye checking camp ,Social awareness Camp. It also organizes expert sessions on various topics such as road safety, personality development, yoga, fire safety, gender equality etc.

To provide a platform to showcase cultural and sports talents and for personality development of students, following major activities are conducted by student council:

Annual social gathering – which includes cultural activities, Art exhibition, personality contest, elocution competition, etc.along with this student clubs actively works, Dasara celebration, Padawa Celebration, Sankrant Celebration. Annual prize distribution function

Sports events / competitions

Facilities for indoor games such as table tennis, chess, body building and carom are availableto the students**.**

Facilities for outdoor games such as Football, Cricket, Basketball, Volley ball, Lawn tennis and Badminton are available to the students**.**

The students are encouraged to participate in various sports, games, cultural and extracurricular activities.

Students organize various extra-curricular and co-curricular activities including Poster Competitions, , Technical events and IDP, National Science Day etc.to provide platform for the student's overall development.

- **Soft Skill Development Facilities:**
    - The institute is making efforts for overall development of the students to cope with the need ofthe dynamic employment market through various activities.
    - The institute regularly conducts Soft Skills and Aptitude Skill Training Programs from first year to final year for duration of 120 hours for enhancing student‟s aptitude and soft skills to compete in the global employment market. The institute also conducts mock aptitude tests, mock group discussions and mock personnel interviews.
    - A course on soft skills is included in the curriculum of all the programmes by the university.

Teaching Learning Process:

Curricula and syllabus for each of the Programmes as approved by the University	https://marj.ictmumbai.edu.in/DisplayPage.aspx?page=ic&ItemID=sm
Academic Calendar of the University	https://marj.ictmumbai.edu.in/uploaded_files/academic calender2022-23.pdf
Academic Time Table with the name ofthe Faculty members handling the Course	https://timetableict.wordpress.com
Teaching Load of each Faculty	https://timetableict.wordpress.com
Internal Continuous Evaluation Systemand place	https://www.ictmumbai.edu.in/uploaded_files/Handbook_2022-2023.pdf

Post Graduate Courses details:

Sr.No.	Programme Level	Name of the Programme/Course
01.	Post Graduate	Integrated M.Tech.In Chemical Engineering
02.		M.Tech.in Food Engineering and Technology
03.		M.Tech.in Pharmaceutical Technology
04.		M.Tech.in Polymer Engineering and Technology

16. Enrollment and Placement details of Students in the last 3 Years: NA

17.List of Research Projects/Consultancy Work:

17.1 Number of Projects carried out, funding agency, Grant received:

Sr.No.	Title of Projects carried out	Funding agency	Grand received
1.	Design and synthesis of MXenes-based molecularly dispersed catalystsfor catalytic reduction of CO2 to methanol.	Royal Society of Chemistry (RSC), Cambridge, UK	Rs. 34,67,464/-
2.	Carbon Nitride-based Single AtomPhotocatalysts for Advanced Applications	Science and Engineering Research Board(SERB)/DST/Governmentof India	Rs. 19,25,900/-
3	Synthesis and characterization of semiconducting photoactive materialsfor H2 generation and dye degradation.	ICT Mumbai	--
4	Multiscale Modeling of Deep EutecticSolvent Promoted Enhanced Oil Recovery	National Supercomputing Mission R&D-HPC_Applications	Rs.14,12,135/-
5	Sustainable, Biodegradable and Affordable Substitutes for 'Single usePlastic' using Castor Oil and Stubble Aggregate	Department of Science and Technology	17,21,690/-
6	Scale up the Synthesis of metal single atom on carbon Nitirde Catalysts	Krishidal Pvt Ltd	17,50,000/-
7	Efficient Spin Polarised Capabilities and Ultrafast Carrier Dynamics of Chiral Quantum dot doped biopolymer application towards the spintronic optoelectronic Devices	Science and Engineering Research Board(SERB)/DST/Governme ntof India	30,14,000/-
8	3D in vitro non-alcoholic fatty liver disease model with epigenetically differentiated stem cells on polymer scaffolds with tuned stiffness	Science and Engineering Research Board(SERB)/DST/Governme ntof India	32,83,709/-

9	Development of Biodegradable paper coating for food packing applications	Sarvin Printers	50,000/-
10	Extraction of pectin from Citron	Global Exim	7,25,000/-
11	Development of functional beverages	M/s Eterno Foods Private Limited	1,17,632/-
12	Jayraj Enterprise	Jayraj Enterprise	6,10,700/-
13	Mangalam Lubricants Private Limited	Mangalam Lubricants Private Limited	1,52,000/-
14	Bhaggyalaxmi Rolling Mill Pvt Ltd	Bhaggyalaxmi Rolling Mill Pvt Ltd	1,82,147/-

17.2 Number of Consultancy, funding agency, Grant received:

Sr.No.	Number of Consultancy	Funding agency	Grand received
1.	AMS Polymers Limited	AMS Polymers Limited	Rs. 1,18,000/-

2.	M/s Global Exim	M/s Global Exim	Rs. 2,36,000/-
3	M/s Garware Polymers Ltd .	M/s Garware Polymers Ltd	Rs. 1,77,000/-
4	M/s Jayraj Enterprises	M/s Jayraj Enterprises	Rs.3,54,000/-
5	M/s Satyahari Organochem Pvt Ltd	M/s Satyahari Organochem PvtLtd	Rs.2,360,000/-
6	M/s Veeral Additives Pvt Ltd	M/s Veeral Additives Pvt Ltd	Rs.1,18,000/-
7.	M/s Vaighai Agro Products Limited	M/s Vaighai Agro Products Limited	Rs.60,180/-
8.	Global Exim	Global Exim	Rs.2,00,000/-
9.	Mangalam Lubricants Private Limited	Mangalam Lubricants Private Limited	Rs.50,000/-

18. LoA and subsequent EoA till the current Academic Year:

Sr. No.		Link
1.	AICTE EoA 2022-23	https://marj.ictmumbai.edu.in/uploaded_files/EOA_Report_22-23_MARJ.pdf

19. Accounted audited statement for the last three years:

Sr. No.		Link
1.	Financial Statement -2019-20	https://www.ictmumbai.edu.in/FinanceAccount/FINANCIAL%20STATEMENT%20FOR%20THE%20YEAR%202019-20.pdf
2.	Financial Statement -2020-21	https://www.ictmumbai.edu.in/FinanceAccount/FINANCIAL%20STATEMENT%20FOR%20THE%20YEAR%202020-21.pdf
3.	Financial Statement -2021-22	https://www.ictmumbai.edu.in/FinanceAccount/FINANCIAL%20STATEMENT%20FOR%20THE%20YEAR%202021-22.pdf

20. Bets Practices adopted, if any:

The institute believes in providing quality education and is committed to the implementation of the best practices to achieve its vision of academic excellence. The best

practices that the institute follows are:

1. Smart Learning/smart Classroom Teaching

The institute believes in advanced pedagogy practices with the major focus on enhancing the performance of students.

Use of Wi-Fi Connected LCD In All Class Rooms –

The Institute emphasizes the use of modern teaching tools like PowerPoint presentations, demonstrative videos, and other e-files for a better understanding of the subjects. All classrooms are equipped with Wi-Fi- enabled LCD projectors to show PowerPoint presentations, videos, etc. during classroom teaching. This connectivity helps in conducting interactive and problem- solving teaching practices .

Use of e-Books and e-Journals –

The library is open from 8.30 am to 5.30 pm during the day and is also accessible beyond working hours through an electronic platform (E-Library). The e-library platform helps to check the availability of particular books on the shelf anytime and easier record management. The institute has electronic access to world-class leading research journals.

E-Attendance system –

The institute has developed a custom-made biometric attendance system for student's attendance and to ensure delivery of the content. The main objective of having such a system was to attract students who tend to stay away from the lectures because of several distractions in terms of internet surfing and mobile apps. The system is based on wireless transmission of the attendance to a central server. Each class has a safe biometric lock which is opened only by the faculty member. The faculty initiates the lecture by selecting his/her course and class in a drop-down menu using the app on a tablet. A biometric machine is circulated amongst the students with preregistered fingerprints, so that each student, present in the class gets registered on the machine. At the end of the class when the app is closed, the names of registered students are sent to the central server. The names of the absent students are flashed on the tablet for a double check by the faculty. This new system has not only has ensured the attendance of the students but also helped in conducting timely lectures by the faculty. Students have the provision of giving feedback at the end of the class which is noted by teachers. The average attendance post-implementation of the E-system has improved from 50-60 to more than 90. Besides, students' performance is enhanced as now they do not miss out on the continuous assessment tests that teachers conduct, sometimes as surprise tests.

2. MANAGEMENT INFORMATION SYSTEM (MIS)

The Institute has adopted a new Management Information System (MIS) which takes care of all the activities related to academics, research, students, library, employees life cycle analysis, regulatory bodies compliance and accreditation, back-office work related to salaries, maintenance of leave musters, inventory stock, hostels, mess, library, etc. with a single database. The MIS system has been implemented for faculty recruitment, official documentation, attendance system, examination process, thesis approvals and submission formalities, grievances, counseling, admissions, appointment procedures, Internal quality assessment, etc. There are many modules of this system that have helped in streamlining and transparent functioning of various activities at the Institute. The MIS helps declare results of the Masters and Ph.D. entrance exams on the same day. The store inventory management including order placement, collaboration with the finance department has become much streamlined and sorted. The complete information of different modules and respective data in those modules including the feedback surveys is available 24x7 as the entire campus is Wi-Fi enabled. The information is also available on the cloud and can be accessed through a mobile application.

3. ENVIRONMENT CONSCIOUSNESS

Environment consciousness is enshrined in the mission of the Institute and irrespective of its urban surroundings, the Institute has a lush green campus. Tree plantation is the major concern to maintain the pristine purity and beauty of the institute and provide a congenial atmosphere for academic and non-academic pursuits. Even though no formal green audit is conducted, a lot of dedicated effort is put in to make the campus eco-friendly. Informal green audit of the campus is carried out by the staff periodically by supervising the maintenance of the existing trees and locating places for planting new trees. Nurturing plants is one of the non-academic pursuits that develop eco-concern among the students. Efforts are made to make the Institute a polythene-free zone by removing plastic covers periodically from the campus.

4. ENERGY CONSERVATION:

The Institute is committed to energy conservation and focuses on measures that help conserve energy.

- The energy consumption in the premises is closely monitored by the superintendents.
- The notices displayed near the switchboards prevent wastage of energy.
- All departments have timer introduced air conditioners

- All the motor pumps have a sensor-based switch on and off mechanism.
- All incandescent bulbs have been replaced with high efficient CFL and LED bulbs.

5. EFFORTS FOR CARBON NEUTRALITY:

The institute believes in maintaining a pollution-free campus and undertakes several measures to reduce carbon emissions. Various types of trees are planted inside and outside the campus which help maintain the ecosystem and reduce carbon emissions. Planting of saplings by the chief guests of various functions evinces the eco-consciousness inherent in the institute practices. Natural fertilizers are used for gardening on the campus. Circulars are sent through emails for minimizing the use of paper and the Institute is gradually moving towards a paperless system. The use of vehicles is discouraged inside the campus to maintain a pollution-free campus.

6. WASTE MANAGEMENT

The institute encourages the management of waste generated within the campus and conducts regular workshopsand seminars on waste disposal, their source, classification as well as pest control.

Kitchen waste disposal

The Institute practices efficient waste management of kitchen waste from hostel messes and, canteens which serve meals to around 1000 students per day. The cooked and uncooked waste generated from these messes is treated in the waste disposal and management plant set up on the campus and is converted to biogas and manure. The Biogas is used for running kitchen stoves and the manure is used as a fertilizer supplement in gardening.

E-waste management

- Electronic goods are put to optimum use, repaired, and reused until completely out of order. The staff and laboratory assistants are well trained to perform minor repairs while professionals are hired for major repairs.
- The UPS batteries are recharged/repaired/exchanged by the suppliers.
- The obsolete computers and other wastes generated from the electronic equipment are auctioned to authorized e-waste dealers and the hazardous materials are removed and disposed of as per norms.

Annexure A

Number of Students admitted under various categories each year in the last three years:

	Academic Year 2022-23.																						
Sr.No.	Branch		Intake	Open		OBC		SC		ST		VJDT/ NT-A		NT-B		NT-C		NT-D		SBC		Total		**Total Students**
				M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
1	**Integrated M.Tech.**	CAP	60	10	6	3	6	4	1	1	0	0	0	1	0	1	0	0	0	0	0	20	13	**33**
		PH 1		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		DEF 1		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		DEF 3		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		TFWS		1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
		EWS		4	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**5**
		J & K (ARA)		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		J & K (PM)		0	0	0	0	0	0	0	00	0	0	0	00	0	00	0	0	0	00	0	0	0
		STUDY IN INDIA		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
																								40

	Academic Year 2021-22																						
Sr.No.	Branch		Intake	Open		OBC		SC		ST		VJDT/ NT-A		NT-B		NT-C		NT-D		SBC		Total		**Total Students**
				M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
1	**Integrated M.Tech.**	CAP	60	24	9	9	1	1	0	0	1	0	0	0	0	0	0	2	0	0	0	39	11	**48**
		PH 1																						
		DEF 1																						
		DEF 3																						
		TFWS																						
		EWS		1	1																			**2**
		J & K (ARA)																						
		J & K (PM)																						
		STUDY IN INDIA																						
																								50

	Academic Year 2020-21																							
Sr.No.	Branch		Intake	Open		OBC		SC		ST		VJDT/ NT-A		NT-B		NT-C		NT-D		SBC		Total		**Total Students**
				M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
1	**Integrated M.Tech.**	CAP	60	18	12	6	3	1	1	0	0	2	0	0	1	0	0	2	0	0	0	29	17	**46**
		PH 1																						
		DEF 1																						
		DEF 3																						
		TFWS																						
		EWS																						
		J & K (ARA)																						
		J & K (PM)																						
		STUDY IN INDIA																						
																								46

Master (Academic Year 2022-23)																							
Sr .No.	Branch	Intake	Open		OBC		SC		ST		VJDT /NT-A		NT-B		NT-C		NT-D		SBC		Total		**Total Students**
			M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
1	M.Tech. Food Engineering& Tech.	18	2	6	1	2	2	2	0	0	0	0	0	0	0	0	0	0	0	0	5	10	**15**
2	M.Tech.in Pharmaceutical Technology	18	2	0	3	4	1	2	0	1	0	0	0	0	0	**0**	**0**	0	0	0	6	7	**13**
3	M.Tech.in Polymer Engineering and Technology	18	1	0	0	0	0	0	0	0	0	0	0	0	0	**0**	**0**	0	0	0	1	0	**1**
	Total	54	5	6	4	6	3	4	0	1	0	0	0	0	0	0	0	0	0	0	12	17	**29**

Master (Academic Year 2021-22)																							
Sr .No.	Branch	Intake	Open		OBC		SC		ST		VJDT /NT-A		NT-B		NT-C		NT-D		SBC		Total		**Total Students**
			M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
1	M.Tech. Food Engineering& Tech.	18	2	4	4	2	2	1	0	1	0	0	0	0	0	0	0	0	0	0	8	8	**16**
2	M.Tech.in Pharmaceutical Technology	18	0	5	3	4	1	1	0	1	0	0	0	0	0	**0**	**0**	0	0	0	4	11	**15**
3	M.Tech.in Polymer Engineering and Technology	18	2	3	0	0	0	0	0	0	0	0	0	0	0	**0**	**0**	0	0	0	2	3	**5**
	Total	54																					**36**

Master (Academic Year 2020-21)																							
Sr .No.	Branch	Intake	Open		OBC		SC		ST		VJDT /NT-A		NT-B		NT-C		NT-D		SBC		Total		**Total Students**
			M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
1	M.Tech. Food Engineering& Tech.	18	7	4	3	1	0	2	0	0	0	0	1	0	0	0	0	0	0	0	11	7	**18**
2	M.Tech.in Pharmaceutical Technology	18	4	2	3	1	2	0	0	0	0	0	0	0	0	**0**	**0**	0	0	0	6	5	**11**
3	M.Tech.in Polymer Engineering and Technology	18	1	1	0	0	0	0	0	0	0	0	0	0	0	**0**	**0**	0	0	0	1	1	**2**
	Total	54																					**31**