



Yearly Status Report - 2018-2019

Part A

Data of the Institution

1. Name of the Institution		INSTITUTE OF CHEMICAL TECHNOLOGY
Name of the head of the Institution		Prof. G. D. Yadav
Designation		Vice Chancellor
Does the Institution function from own campus		Yes
Phone no/Alternate Phone no.		02233611001
Mobile no.		9833090510
Registered Email		vc@ictmumbai.edu.in
Alternate Email		registrar@ictmumbai.edu.in
Address		ICT, Nathalal Parekh Marg, Matunga
City/Town		Mumbai
State/UT		Maharashtra
Pincode		400019
2. Institutional Status		

University	Deemed
Type of Institution	Co-education
Location	Urban
Financial Status	state
Name of the IQAC co-ordinator/Director	Prof. S.S Bhagwat (Dean-IQA)
Phone no/Alternate Phone no.	02233611019
Mobile no.	<input type="text"/>
Registered Email	dean.iqa@ictmumbai.edu.in
Alternate Email	iqa.office@staff.ictmumbai.edu.in

3. Website Address

Web-link of the AQAR: (Previous Academic Year)	https://www.ictmumbai.edu.in/uploaded_files/AQAR-2018.pdf
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4. Whether Academic Calendar prepared during the year

Yes

if yes,whether it is uploaded in the institutional website:
Weblink :

https://www.ictmumbai.edu.in/uploaded_files/Academic_Calender_2018-19.pdf

5. Accrediation Details

Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	Period To
1	A++	3.77	2017	26-Nov-2017	26-Nov-2022

6. Date of Establishment of IQAC

21-Jan-2017

7. Internal Quality Assurance System

Quality initiatives by IQAC during the year for promoting quality culture		
Item /Title of the quality initiative by IQAC	Date & Duration	Number of participants/ beneficiaries
Feedback from industry mentor	15-Nov-2019 12	50
Feedback from students	19-Mar-2019	40

and parents at convocation	4	
Safe disposal of chemicals	19-Jan-2019 12	90
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8. Provide the list of Special Status conferred by Central/ State Government-UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.

Institution/Department/Faculty	Scheme	Funding Agency	Year of award with duration	Amount
Institute	TEQIP III	NPIU	2018 12	70000000
Institute	TEQIP III (COE PI)	NPIU	2018 12	30000000
Department of Pharmaceutical sciences and technology	Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching	UGC	2018 12	70000000
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9. Whether composition of IQAC as per latest NAAC guidelines:

Yes

Upload latest notification of formation of IQAC

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10. Number of IQAC meetings held during the year :

1

The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website

Yes

Upload the minutes of meeting and action taken report

[View File](#)

11. Whether IQAC received funding from any of the funding agency to support its activities during the year?

No

12. Significant contributions made by IQAC during the current year(maximum five bullets)

1. Streamlined procedures for feedback from stakeholders. 2. Chemical safety procedures implemented 3. Application to international ranking frameworks such as QS ranking and times higher education ranking.

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13. Plan of action chalked out by the IQAC in the beginning of the academic year towards Quality Enhancement and outcome achieved by the end of the academic year

Plan of Action	Achivements/Outcomes
Organise institutional programs on quality in higher education	To setup quality benchmark in education. Faculty awareness about quality in education. Participation of institute in various National and International Ranking
Research promotion in the Institute	Encourage faculty to pursue research in basic and applied technology. To publish in Journals of International Standards. Apply for Patents and IPR's.
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14. Whether AQAR was placed before statutory body ?	No
15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?	No
16. Whether institutional data submitted to AISHE:	Yes
Year of Submission	2019
Date of Submission	21-Feb-2019
17. Does the Institution have Management Information System ?	Yes
If yes, give a brief description and a list of modules currently operational (maximum 500 words)	<p>1. Admission - Institute MIS admission modules helps in admission process of all UG and PG students of the institute are required to complete the admission formality by filling up online admission forms writing all the academic and other information on this forms. The module helps in collecting the information of this academic admissions program wise and also helps in making merit list as per the institute norms with this merit list the student are admitted strictly base on their based on merit marks. 2. Entrance Examination for PG students - Institute conducts its own entrance examination all its PG programs. The applicant students are giving these online examinations in institute where in they immediately get their exam</p>

scores at the end of examinations. Base on this course the final admission procedure is completed by the Institute. 3. Examinations - This module takes care of the exam activities in the form of appointment of examiners, collection of the question papers, collection and compilation of continuous evaluation marks, end semester marks and declaration of results using CGPA system. 4. Administration - The day to day data related to attendance of regular and temporary faculty is part of this module which also helps in monthly salary payment of all employee of the institute. 5. Academic Activities - The information related to the students roll numbers their course details and their other information is part of this module. 6. Stores Management - This module helps in vendor registration, tender procedure used for procurement of consumables and equipments, the repair and maintenance of institute's infrastructure, receiving tenders, preparing comparative statements, preparing and placing orders and the necessary administrative approvals of the procurement. 7. Time Table - Preparation and display of academic calendar and timetable. 8. Attendance - Institute have a student attendance module which helps in recording online attendance of all lectures and practical's conducted for UG and all PG programmes. This module determines the list of list who does not qualify minimum attendance requirement of the institute. 9. Appointment of Examiners - For evaluating Final Year thesis work of UG, PG and Research students this module makes the appointment of examiners using preferences given by the internal guides in this regards. 10. Thesis submission and Approval - Thesis of UG, PG and Research students are uploaded on MIS along with the colloquium, Synopsis reports. The academic approval of the thesis various academic authorities is also part of this module. 11. Leave Management - Through this module all faculty members of the institute apply for different types of leaves and information goes for necessary approval of the same keeping record of total number of

leaves consume by the faculty throughout the year and the balance leave available with faculty. 12. Faculty service records - This module keeps service record of all faculties. 13. Fees Payment - Students through this module can pay their annual tuition fee, exam fee and other fees using online mode.

Part B

CRITERION I – CURRICULAR ASPECTS

1.1 – Curriculum Design and Development

1.1.1 – Programmes for which syllabus revision was carried out during the Academic year

Name of Programme	Programme Code	Programme Specialization	Date of Revision
Nil	00	Nil	Nil
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1.1.2 – Programmes/ courses focussed on employability/ entrepreneurship/ skill development during the Academic year

Programme with Code	Programme Specialization	Date of Introduction	Course with Code	Date of Introduction
Mtech	Executive M.tech in Chemical Engineering	13/07/2019	Executive M.tech in Chemical Engineering	13/07/2019
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1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the Academic year

Programme/Course	Programme Specialization	Dates of Introduction
Integrated(PG)	Integrated M.tech in chemical engineering	24/08/2018
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1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective Course System implemented at the University level during the Academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
Nil	Nil	Nil

1.3 – Curriculum Enrichment

1.3.1 – Value-added courses imparting transferable and life skills offered during the year

Value Added Courses	Date of Introduction	Number of Students Enrolled
Nil	Nil	Nil
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1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field
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		Projects / Internships
Nil	Nil	Nil
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1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	Yes
Alumni	Yes
Parents	Yes

1.4.2 – How the feedback obtained is being analyzed and utilized for overall development of the institution?
(maximum 500 words)

<p>Feedback Obtained</p> <p>Institute conducts online feedback by the student every semester, after the end semester examination. The student's gives feedback for all the theory courses taught to them in the semester. The general assessment points of the feedback based on question based syllabus, adequacy of syllabus, assessment of answer books, Satisfaction about teaching methodology, Teachers approachability towards students, Teachers ability to teach subject and control the class, Syllabus coverage organisation of lectures use of modern tools of Pedagogy etc. on a grade of 5 scale with number 5 meaning excellent and zero meaning poor performance. The Institute policy is that if a teachers gets average grade less than 2.5 he/she is being called by the institute authorities such as Dean academic, registrar, Vice-chancellor and is being informed about his/her performance of the particular course. The teachers are accordingly instructed by the authorities to improve their performances. Alumni Feedback is conducted whenever alumni program such as Foundation Day, Technology Day and Alumni Meet are organised in the Institute during academic year. The Feedback from Alumni is drawn evaluating subject knowledge of the program, level of meeting expectation, progress of Alumni in career after graduation, impact of training, motivation at Institute, Impact of training at ICT on personality, maturity, Social Skills, ability to take decisions, ability to manage finances and presentation skills at the workplace ITC. This feedback is also taken on a 5 point scale on 1 to 5 with 1 at satisfactory and level 5 on excellent level. The Employers feedback highlights evaluation parameters in the form of subject knowledge, attitude, Behaviour, Regularity, Punctuality, Maturity, Motivation, Creativity, Presentation Skills and ability to get along with others. The analysis of this feedback helps institute in reframing the course content and various skill development training. It also helps in determining overall employability of our students at various levels. The feedback from the Parents helps the Institute immensely reorienting the administrative, accommodation, general ambience, the skill development, suitability of the courses for career growth of the ward, the skill development of ward etc.</p>

CRITERION II – TEACHING- LEARNING AND EVALUATION

2.1 – Student Enrolment and Profile

2.1.1 – Demand Ratio during the year

Name of the Programme	Programme Specialization	Number of seats available	Number of Application received	Students Enrolled
ME	Master of Plastic	18	20	8

2.2 – Catering to Student Diversity

2.2.1 – Student - Full time teacher ratio (current year data)

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2018	975	535	100	100	100

2.3 – Teaching - Learning Process

2.3.1 – Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc. (current year data)

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Number of smart classrooms	E-resources and techniques used
100	100	5	31	31	5

[View File of ICT Tools and resources](#)

[View File of E-resources and techniques used](#)

2.3.2 – Students mentoring system available in the institution? Give details. (maximum 500 words)

Institute has a well defined policy of mentoring newly admitted under graduate students. Institute admits students from various socio economical backgrounds, students from rural, urban and metropolitan regions, and from various states of the country as we have 70 quota of UG students for the students from Maharashtra State and 30 quota for the students on national basis. There is a vast variety in students admitted in the institute at UG level. Institute has Five hostels which accommodate most of the fresher's who came from outside Mumbai and its suburban areas. When these students arrives in the Institute, they face many emotional, behavioural, language, economic and other difficulties for all these they need mentors to help them to come out of these situation and gain confidence of facing such situations bravely. Institute has appointed a full time counsellor who helps fresher's to overcome their language, emotional, behavioural difficulties during first 2 to 3 months their stay in the institute. During the induction program students are made aware of the counsellor and the type of help counsellor can provide to the students who face such type of difficulties. Institute organizes the induction program for fresh students during the first two weeks of their first semester in the institute. On the very first day Vice chancellor of the institute address fresh students giving them the basic information about the Institute, various courses conducted in the institute relevance of this courses industrial and other requirements of the national and international community and various career opportunity after completion of graduation. In the same session head of the departments also brief to the fresh students about their individual department there courses, laboratories, major projects, research facilities and the opportunities for the students of the department. Institute assigns to every teaching faculty the role of mentor to the newly admitted students. In this way each faculty assigned with 3 to 4 students of the 1st year undergraduate process for a complete year. The students meet mentors frequently and get their support in overcoming the emotional and other difficulties of them. There is a team of elected representatives of the technological association of the institute which is engage with extra and co-curricular activity of the institute students. These senior students representatives also perform the work of mentorship. The programs such as fresher's, socio and fresher's game are being organized by the TA students welcoming freshers and acclimatizing them with the institute culture in general and environment in particular. This programs where in participants are mostly the freshers helps them immensely in rebuilding their emotional and other barriers.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
1510	100	1:15

2.4 – Teacher Profile and Quality

2.4.1 – Number of full time teachers appointed during the year

No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No. of faculty with Ph.D
133	100	33	8	100

2.4.2 – Honours and recognition received by teachers (received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year)

Year of Award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
2019	Ashwin W Patwardhan	Professor	Fellow of IndianNational Academy of Engineering
2019	Vilas G Gaikar	Professor	Eminent Engineer
2018	Parag Gogate	Professor	Rajib Goyal Prize
2019	Parag Gogate	Professor	Fellow of IndianNational Academy ofEngineering
2019	Parag R Gogate	Professor	A V Rama Rao awardfor guiding best PhDthesis
2018	Ravi V Adivarekar	Professor	Fellow of the TextileAssociation
2018	Lakshmi KantamMannepall	Professor	Rajib Goyal Prize
2019	Rekha Singhal	Professor	Fellow of theInte rnationalBioprocess ingAssociation FIBA
2019	Shashank T Mhaske	Associate Professor	Fellow of theInte rnationalBioprocess ingAssociation FIBA

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2.5 – Evaluation Process and Reforms

2.5.1 – Number of days from the date of semester-end/ year- end examination till the declaration of results during the year

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year-end examination	Date of declaration of results of semester-end/ year- end examination
BPharm	Nil	SEM II	15/05/2019	14/06/2019
BPharm	Nil	SEM IV	03/05/2019	31/05/2019
BPharm	Nil	SEM VI	04/05/2019	12/06/2019
BPharm	Nil	SEM VIII	14/05/2019	30/06/2019

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2.5.2 – Average percentage of Student complaints/grievances about evaluation against total number appeared in the examinations during the year

Number of complaints or grievances about evaluation	Total number of students appeared in the examination	Percentage
Nil	Nil	00

2.6 – Student Performance and Learning Outcomes

2.6.1 – Program outcomes, program specific outcomes and course outcomes for all programs offered by the institution are stated and displayed in website of the institution (to provide the weblink)

https://www.ictmumbai.edu.in/uploaded_files/ICT-CO_PSO_PO.pdf

2.6.2 – Pass percentage of students

Programme Code	Programme Name	Programme Specialization	Number of students appeared in the final year examination	Number of students passed in final year examination	Pass Percentage
Nil	MPharm	M.pharm	19	19	100
Nil	BPharm	B.Pharm	28	27	96

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2.7 – Student Satisfaction Survey

2.7.1 – Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design the questionnaire) (results and details be provided as weblink)

https://www.ictmumbai.edu.in/uploaded_files/Student_Satisfaction_survey_Jul_Dec_2018.zip

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

3.1 – Promotion of Research and Facilities

3.1.1 – Teachers awarded National/International fellowship for advanced studies/ research during the year

Type	Name of the teacher awarded the fellowship	Name of the award	Date of award	Awarding agency
International	Professor S.S. Bhagwat	Academic Leadership Programme (LEAP) Oxford Module	14/02/2019	National Institute of Educational Planning and Administration (NIEPA)

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3.1.2 – Number of JRFs, SRFs, Post Doctoral Fellows, Research Associates and other fellows in the Institution enrolled during the year

Name of Research fellowship	Duration of the fellowship	Funding Agency
JRF	286	Phoenix Pharmaceutical

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3.2 – Resource Mobilization for Research

3.2.1 – Research funds sanctioned and received from various agencies, industry and other organisations

Nature of the Project	Duration	Name of the funding	Total grant	Amount received
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		agency	sanctioned	during the year
Nil	365	IGCAR/DAE	9.21	4.6
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3.3 – Innovation Ecosystem

3.3.1 – Workshops/Seminars Conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices during the year

Title of workshop/seminar	Name of the Dept.	Date
Quality AssuOrganize a workshop at ICT on Academic rance	All Department	07/07/2018
Refresher course in Chemistry Advance in Chemical Science and Technology	Department of Dyestuff Technology	12/11/2018
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3.3.2 – Awards for Innovation won by Institution/Teachers/Research scholars/Students during the year

Title of the innovation	Name of Awardee	Awarding Agency	Date of award	Category
Global RESOMER	Dr. Lalit Vora	The Evonik Health Care Team	09/10/2018	Novel bilayer dissolving microneedle arrays with concentrated PLGA nanomicro particles for targeted intradermal delivery
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3.3.3 – No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Center	Name	Sponsered By	Name of the Start-up	Nature of Start-up	Date of Commencement
Nil	Nil	Nil	Nil	Nil	Nil
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3.4 – Research Publications and Awards

3.4.1 – Ph. Ds awarded during the year

Name of the Department	Number of PhD's Awarded
Biochemistry	2
Biotechnology	11
Chemistry	44
Physics	6
Textile Chemistry	2
Bioprocess Technology	5
Chemical Engineering	17
Fibres and Textiles Processing Technology	8

Food Biotechnology	4
Electrical Engineering	1
Food Engineering and Technology	3
Green Technology	12
Oils Oleochemicals and Surfactants Technology	1
Pharmaceutical Chemistry	6
Pharmaceuticals Technology	4
Pharmaceutics	4
Pharmacognosy	1
Pharmacology	1
Polymer Engineering and Technology	2
Surface Coating Technology	3
Mechanical Engineering	2

3.4.2 – Research Publications in the Journals notified on UGC website during the year

Type	Department	Number of Publication	Average Impact Factor (if any)
International	Department of Chemical Engineering	323	3.27
International	Department of Chemistry	116	3.23
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3.4.3 – Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

Department	Number of Publication
Department of bioprocess technology	1
Department of polymer and surface engineering	4
Department of physics	10
Department of Pharmaceutical Sciences Technology	23
Department of general engineering	2
Department of food engineering and technology	11
Department of fibres and textile processing Technology	5
Department of chemistry	9
Department of chemical engineering	19
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3.4.4 – Patents published/awarded/applied during the year

Patent Details	Patent status	Patent Number	Date of Award

High cell density continuous fermentation of C5 sugar/s or both C5 C6 sugars to ethanol	Filed	IN 201821027586	23/08/2018
Continuous operating system and process for partial or complete deconstruction of polymeric organic feed	Filed	IN 201821024740	03/07/2018
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3.4.5 – Bibliometrics of the publications during the last academic year based on average citation index in Scopus/ Web of Science or PubMed/ Indian Citation Index

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
1,3-Dipolar cycloaddition reaction of aryl nitrile oxides with alkenes using imidazole and pyridine containing reusable polymeric base catalysts	Korgavkar N.N., Samant S.D.	Synthetic Communications	2018	1	Department of Chemistry, Institute of Chemical Technology, Matunga, Mumbai, India	1
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3.4.6 – h-Index of the Institutional Publications during the year. (based on Scopus/ Web of science)

Title of the Paper	Name of Author	Title of journal	Year of publication	h-index	Number of citations excluding self citation	Institutional affiliation as mentioned in the publication
"Zero VOC" Synthetic Strategy - Aromatic Amination Reactions in Deep Eutectic Solvents	Valvi A., Tiwari S.	European Journal of Organic Chemistry	2018	7	Nil	Department of Chemistry, Institute of Chemical Technology, Mumbai, 400 019,

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3.4.7 – Faculty participation in Seminars/Conferences and Symposia during the year

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	52	42	21	18

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3.5 – Consultancy

3.5.1 – Revenue generated from Consultancy during the year

Name of the Consultan(s) department	Name of consultancy project	Consulting/Sponsoring Agency	Revenue generated (amount in rupees)
Department of Food Engineering Technology	Process/design activity	Aditya Birla Science Technology Co Pvt Ltd	200000
Department of Oils, Oleochemicals and Surfactants Technology	Process/design activity	Cargill India Pvt Ltd	51000

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3.5.2 – Revenue generated from Corporate Training by the institution during the year

Name of the Consultan(s) department	Title of the programme	Agency seeking / training	Revenue generated (amount in rupees)	Number of trainees
Nil	Nil	Nil	0	0

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3.6 – Extension Activities

3.6.1 – Number of extension and outreach programmes conducted in collaboration with industry, community and Non- Government Organisations through NSS/NCC/Red cross/Youth Red Cross (YRC) etc., during the year

Title of the activities	Organising unit/agency/ collaborating agency	Number of teachers participated in such activities	Number of students participated in such activities
"Womens self Defence" Workshop and General Selfdefence training for Mens Womens	Karate Organisation of India	1	32
6-day workshop on "Machine learning with Python"	ICT BIT, Mesra GCE, Keonjhar	1	39
"Art of Living" Session	Vyakti Vikas Kendra - India.	3	104

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3.6.2 – Awards and recognition received for extension activities from Government and other recognized bodies during the year

Name of the activity	Award/Recognition	Awarding Bodies	Number of students
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			Benefited
Nil	Nil	00	Nil
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3.6.3 – Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activities	Number of students participated in such activities
Swachh Bharat Internship	Aawaj NGO	Internship (100 hrs each)	4	10
I Love Elephanta	Technological Association, Waste Matters Foundation, Rajini Foundation (NGO)	Cleanliness drive at Elephanta Caves	3	130
Nil	Technological Association, Vansrushti Foundation (NGO)	Tree plantation at Bhandup (250 trees)	3	100
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3.7 – Collaborations

3.7.1 – Number of Collaborative activities for research, faculty exchange, student exchange during the year

Nature of activity	Participant	Source of financial support	Duration
Visited the Department of Mathematics BIT, Pilani Goa Campus and collaborate with Dr. Pradeep Bogarappu to write a research paper on Fourier multipliers on Hilbert spaces	1	TEQIP-III	5
Presentation of new RD project proposal titled Improved hydrogen production from biogas using sorption enhanced reformed to DST Expert panel committee for HFC-2018	2	TEQIP-III	2
Orientation Programme at UGC Human Resource development centre,	1	TEQIP-III	29

University of Mumbai			
Attended short term course on Biology for science Engineering	1	TEQIP-III	5
Presented research proposal to the screen committee of the centre for High Technology (Ministry of petroleum natural Gas) for Possible research funding	1	TEQIP-III	1
Explore collaboration with NBCD school Lonavala: Both academia and technical	1	TEQIP-III	1
Talk on Chitin sources at the 7th Indian Chitin and Chittosan Society	1	TEQIP-III	1
National Convention on New Frontiers Research Education in Chemical Sciences of Chemistry Teachers	1	TEQIP-III	2
Attended 63rd DAE Solid state physics symposium Guru Jambheshwar University of Science Technology Hisar, Haryana	1	TEQIP-III	5
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3.7.2 – Linkages with institutions/industries for internship, on-the- job training, project work, sharing of research facilities etc. during the year

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration From	Duration To	Participant
Nil	Nil	Nil	Nil	Nil	00
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3.7.3 – MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
Unilever Industries Pvt. Ltd.	15/10/2018	Research coloboration	4

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CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

4.1 – Physical Facilities

4.1.1 – Budget allocation, excluding salary for infrastructure augmentation during the year

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
0	633128358

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Classrooms with Wi-Fi OR LAN	Existing
Number of important equipments purchased (Greater than 1-0 lakh) during the current year	Existing
Value of the equipment purchased during the year (rs. in lakhs)	Existing
Video Centre	Existing
Seminar halls with ICT facilities	Existing
Classrooms with LCD facilities	Existing
Seminar Halls	Existing
Laboratories	Existing
Class rooms	Newly Added
Campus Area	Existing

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4.2 – Library as a Learning Resource

4.2.1 – Library is automated {Integrated Library Management System (ILMS)}

Name of the ILMS software	Nature of automation (fully or patially)	Version	Year of automation
KOHA	Fully	18.05	2019
Libsys	Fully	4	2001

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	2361	1652700	383	187010	2744	1839710
Reference	29736	89208000	105	1064341	29841	90272341

Books						
e-Books	670	7034226	120	2712712	790	9746938
Journals	122	12428458	Nil	Nil	122	12428458
e-Journals	4266	20107477	117	2154027	4383	22261504
Digital Database	5	13480407	2	519959	7	14000366
CD & Video	1305	Nil	Nil	Nil	1305	Nil
Weeding (hard & soft)	750	Nil	166	Nil	916	Nil
Others (specify)	274	Nil	Nil	Nil	274	Nil

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4.2.3 – E-content developed by teachers such as: e-PG- Pathshala, CEC (under e-PG- Pathshala CEC (Under Graduate) SWAYAM other MOOCs platform NPTEL/NMEICT/any other Government initiatives & institutional (Learning Management System (LMS) etc

Name of the Teacher	Name of the Module	Platform on which module is developed	Date of launching e-content
Nil	Nil	Nil	Nil
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4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MBPS/GBPS)	Others
Existing	800	2	3	1	1	11	11	1100	0
Added	0	0	0	0	0	0	0	0	0
Total	800	2	3	1	1	11	11	1100	0

4.3.2 – Bandwidth available of internet connection in the Institution (Leased line)

1100 MBPS/ GBPS

4.3.3 – Facility for e-content

Name of the e-content development facility	Provide the link of the videos and media centre and recording facility
E-Studio	https://ictmediasite.ictmumbai.edu.in/mediasite/manage
E-library in campus	http://ictlibrary.firstray.in/
E-library off campus	https://elibraryict.remotexs.in/user/login

4.4 – Maintenance of Campus Infrastructure

4.4.1 – Expenditure incurred on maintenance of physical facilities and academic support facilities, excluding salary component, during the year

Assigned Budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurred on maintenance of physical facilities
0	0	0	0

4.4.2 – Procedures and policies for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc. (maximum 500 words) (information to be available in institutional Website, provide link)

Institute has well defined policy for maintenance and utilization of all its physical and academic facility which includes use of equipment in various laboratories, use of e-library facility, access to e-journals of the institute through internet login and password, use of computers in information processing centers and departmental laboratories. Maintenance of the computers is carried out by appointing external agencies which take cares of installing software's, operating systems and other applications on all the computers of the institute. AMC of the computers also involves replacement of faulty hardwares and or addition of the hardware augmenting the system configurations. Equipments in all the laboratories are also maintain through annual maintenance contracts avoided to either manufacturers or their agents. All classrooms, seminar halls, Building, Hostel, Residential Area are maintained under the supervision of Dean Infrastructure and Campus Development and University Engineer. Institute has appointed a Dean, Students affairs who are also a Vice president of The technological association of the Institute. This Dean is taking care of use of al sport complexes and Sport facility and all the extra and co-curricular activities conducted for Institutional students throughout the year. The Technological Association body including VPTA and General Secretary of the students defines policies for the use of the facilities every year. Students are encouraged to participate in extra and co-curricular activities and sport activities and their participation in Institutional and National and International competitions.

https://www.ictmumbai.edu.in/uploaded_files/ICT_-Ordinances_Regulations_and_rules.pdf

CRITERION V – STUDENT SUPPORT AND PROGRESSION

5.1 – Student Support

5.1.1 – Scholarships and Financial Support

	Name/Title of the scheme	Number of students	Amount in Rupees
Financial Support from institution	Nil	0	0
Financial Support from Other Sources			
a) National	M. S. Patel Trust Merit-cum-Means Scholarship	3	5000
b) International	Nil	Nil	0

[View File](#)

5.1.2 – Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability enhancement scheme	Date of implemetation	Number of students enrolled	Agencies involved
---	-----------------------	-----------------------------	-------------------

Soft skill development :Workshop on HRD Career counselling	10/03/2019	35	Mr. Ravindra Waghmare, Consultant
Graduates employability : Interactive session with two eminent entrepreneurs Dr. Mohan Patil Prerna Tomke Shedding light on aspects of entrepreneurship	01/11/2018	83	Dr. Mohan Patil Prerna Tomke
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5.1.3 – Students benefited by guidance for competitive examinations and career counselling offered by the institution during the year

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passed in the comp. exam	Number of students placed
2018	TEQIP-III	120	210	42	74
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5.1.4 – Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year

Total grievances received	Number of grievances redressed	Avg. number of days for grievance redressal
Nil	Nil	Nil

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Name of organizations visited	Number of students participated	Number of students placed	Name of organizations visited	Number of students participated	Number of students placed
Axxela Advisory Services	73	1	00	Nil	Nil
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5.2.2 – Student progression to higher education in percentage during the year

Year	Number of students enrolling into higher education	Programme graduated from	Department graduated from	Name of institution joined	Name of programme admitted to
2018	4	B Tech Dyestuff Technology	Dyestuff Technology	Friedrich Schiller University Jena	MS
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5.2.3 – Students qualifying in state/ national/ international level examinations during the year
(eg:NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

Items	Number of students selected/ qualifying
GATE	9
CAT	1
GRE	9
TOFEL	9
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5.2.4 – Sports and cultural activities / competitions organised at the institution level during the year

Activity	Level	Number of Participants
Sportsaga Treasurer	Institute	1
Vortex resources and logistics head	National	1
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5.3 – Student Participation and Activities

5.3.1 – Number of awards/medals for outstanding performance in sports/cultural activities at national/international level (award for a team event should be counted as one)

Year	Name of the award/medal	National/ Internaional	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
Nil	Nil	Nil	Nil	Nil	00	Nil
No file uploaded.						

5.3.2 – Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution (maximum 500 words)

The Student Council of Institute of Chemical Technology, Mumbai is the technological Association (TA), which is headed by the General Secretary as a student representative. TA has a dedicated wing which functions for the student affairs headed by the technical secretary. The technical secretary has two independent student representatives from UG and PG who head their own team of branch representatives and class representatives. The prominent posts of the TA have representation in the committees of the Institute. The committees on which the student representatives are included are as follows: 1)General Secretary Undergraduate programs Post graduate programs Convocation Student academic interface? Students' feedback Anti-ragging Outreach activity Student welfare and mentorship Cultural and co-curricular activity Sports Election Media Publicity 2) Technical Secretary Undergraduate programmes Post Graduate programmes Student welfare and mentorship Election 3) Cultural Secretary Outreach activity/ Social responsibility Student welfare and mentorship Curricular and co-curricular activity 4) Lady representative Women cell including cell to eliminate sexual harassment Outreach activity/ social responsibility The student representatives involvement includes a variety of things like setting of the academic and exam timetables, helping the faculties to improve lecture quality through constructive feedback of every semester. A team of 80 BRs and CRs headed by their course (UG and PG) representatives form an excellent system which works very efficiently coordinating with professors, deans and the management committees of the Institute help and try to make the system better.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

Year of Establishment - 11/05/1989 President - Prof. Padma V. Devarajan Sr.
Vice President - Mrs.MaharukhRustomjee Vice President - Mr.DilipUdas Secretary
- Dr.ParagGogate Treasurer - Mr. Rajeev Panse Imm. Past President - Mr. Ravi
Raghavan

5.4.2 – No. of registered Alumni:

6481

5.4.3 – Alumni contribution during the year (in Rupees) :

6185392

5.4.4 – Meetings/activities organized by Alumni Association :

12 Meetings of Board of Governors, 1 Meeting between BOG Advisory Council, UAA
Foundation Day Reunion Day, Prof. K. Venkataraman Memorial Oration by Prof. M.
M. Sharma, Leadership Lecture by Dr. Anish Andheria, Mentorship Programme,
Certificate Course, Lab Upgradation Programme, Agatya - Freshers Welcome, Tete
- e - Tete with DA awardees.

CRITERION VI – GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 – Institutional Vision and Leadership

6.1.1 – Mention two practices of decentralization and participative management during the last year (maximum 500 words)

Technological Association - Institute has established technological association with Vice Chancellor as its President. There is a Dean (student affairs) who acts as a Vice President of this association. It is a faculty and student body of the Institute involved in carrying out extra, co-curricular, cultural, technical, publications, personality development and sports activities of the institute students. Many events are being organised by the technological association for the institute throughout the year. Even though Vice chancellor is the president of this body VPTA takes the responsibility of organising these events of the students with the help of faculty convenors for each activity along with the representatives of the students of the institutes. Students are encouraged by VPTA and convenor of the respective events for organising this events by making special provisions in the academic calendar for its schedule and providing adequate financial requirement of such events. The students are also encourage to generates to sponsorship for successful completion of this events. Generating sufficient financial help all the events are being well organised and conducted by the students body by taking timely advised from the concern convenors and VPTA. For this activities there is a minimum interference made by president, Vice president and convenors of the technological association of the Institute. The students are guided in overall scheduling, planning and financial needs of this events. Accreditation of the program/ institute by various agencies- Institute has appointed Dean academic program they look after all academic activities of the institute. Accreditation of the program and institute by various agencies one of the important activity entrusted with Dean Academic program. Dean academic program with the help of Nodal officer and Teaching and support staff of the institute ensures that all the programs of the institute are accredited by the agency such as NBA and the institute being accredited by the agency such as NAAC. In this regards Dean Academic programs makes the required initiatives by collecting the relevant information and data and applying for the accreditation as per the mandatory requirement for the institute by UGC/ AICTE. The whole process is being carried out by the team of Dean academic program by informing Vice Chancellor time to

time

6.1.2 – Does the institution have a Management Information System (MIS)?

Yes

6.2 – Strategy Development and Deployment

6.2.1 – Quality improvement strategies adopted by the institution for each of the following (with in 100 words each):

Strategy Type	Details
Curriculum Development	Institute has a policy of development of curriculum for all UG and PG programmes after every four years. For this a details survey is conducted among the alumni and the industry where the students of the Institute has been employed. The help of faculty in the required field of expertise is also sought from the other institute of repute. The help of the syllabus of the renowned Universities from abroad is also taken in deciding the final details of the curriculum. The syllabus committee in all the programmes is being setup to finalize the same. The committee considers all the inputs and finally decides the content of the course and the examination scheme as per the broad guidelines provided by the Dean academic program and the same is approved in UGPC and PGPC committee and finally discussed and approved in Academic council.
Teaching and Learning	Under the leadership of Dean Academic program, various committees are formed to ensure the use of proper teaching and learning techniques for all classes of UG and PG. Every class room is provided with wi-fi enabled projection system with audio visual facilities and biometric attendance system for the every lecture. The lectures of the each faculty are recorded during the lecture hours and the same are being used by the slow learners and absent students whenever they miss the classes.
Examination and Evaluation	With the proper mix of continuous evaluation and mid semester and end semester examination. Students are continuously evaluated throughout the semester for each course of the program. Course teachers of each course follows the schedule defined in the academic calendar of the institute for conducting these examinations and also keeps the proper records of the same time to time. The end semester examination are conducted by the

Institute at the end of academic semester and after collecting all the marks from teachers for continuous evaluation and mid and end semester examination the results are being declared as early as possible.

Institute also offers the repeat examination to the students who failed in the examinations immediately within the one month of declaration of final semester examination result. This helps the needy students to clear the examination before the start of the new semester of the program.

Research and Development

Institute admits full time research fellows in more than 25 disciplines of Chemical Engineering, Pharmacy, Biotechnology, Chemical Technology, Science, Mathematics and Subjects of Mechanical, Civil, Electrical, Electronics and Plastic Engineering. Every faculty is encourage to apply for major and minor research projects from various government agencies and industries making provisions for purchase of Ultra modern processing and testing equipments. The TEQIP program I, II, III of the world bank has immensely helped in building infrastructure taking care of research and development of the institute. 99 faculty of the institute is qualified with Ph.D degree in the respective areas of their specialization and are approved research supervisors. All the faculty are having Ph.D students enrolled under their supervision and carrying out research in above mentioned areas. All UG and PG students along with faculty are publishing their research finding either through patents or by publication in internationally renowned scientific and technical journals. They are also encouraged to present their findings in National and International conferences.

Library, ICT and Physical Infrastructure / Instrumentation

Central Library of the Institute has more than 76,000 volumes of scientific and technical books. Institute also subscribes to hard copies of more than 300 technical journals. Library also subscribes to e-journals provided by science direct, Elsevier, and other reputed international publishers of scientific and technical journals. All students, all faculty, Alumni, well wisher industries and visiting and

retired faculty of the institute have access to all the library resources throughout the year. Every department of the institute has developed different research laboratories for the UG students with Ultra modern equipment and facilities.

Human Resource Management

Institute has Dean students affairs takes care of all students of the institute solving their day to day difficulties. Institute has appointed a doctor and the nurses to provide medical attention to faculty and students whenever required. All faculty and students insured for the accidents through group insurance policies. In the case of medical emergency every employee And students gets suitable non-refundable financial help for their treatment in private hospitals.established well defined administrative section and academic sections to look after the employees and students respectively. The Institute maintains all service records of the employees and keep up to date records of their leave. Institute has set up Dean Human Resource who the help of various grievance redresal committees addresses the complaints raised by the employees. This committee includes grievance redresal committee, staff welfare committees, women's harassment committee and committee to take care of weaker section of the society.

Industry Interaction / Collaboration

Institute has established industry interaction cells which help in promoting activity, training, projects and collaborative research culture between industries and institution. Every students of the institute undergoes mandatory 3months industrial training in various industries located in and around Mumbai. Industries are willingly participate in collaborative research programs under industry sponsored and Prime Minister's research fellowship programs and also sharing their equipment and other resources with the faculty and students of the institute

Admission of Students

- For UG admissions for all the programs institute admits students partially by admitting students through state common Admission process and also admits students through National quota.

For PG students admission takes place base on the criteria of entrance examination such as GATE, GPAT, UGC NET SET and Institutes written tests.

6.2.2 – Implementation of e-governance in areas of operations:

E-governance area	Details
<p>Planning and Development</p>	<p>The MIS modules of the Institute helps in planning academic activities which includes Timetable, Recording of Lectures and attendance, Feedback by students. This MIS helps in distributing students in batches through batch management, the faculty subject allocation, allotting subject wise infrastructure. It allows students to select Choice Based Electives. At postgraduate levels the allotment of research topics, research guides, Research seminars and critical reviews are done using MIS systems. This MIS system has students and Employee Grievance module which helps in overall development of the Institute.</p>
<p>Administration</p>	<p>Administrative MIS modules of the institute helps in keeping service records of all the employees maintaining service books, promotion records, seniority etc. and their total emoluments and the records of their provident fund.</p>
<p>Finance and Accounts</p>	<p>Functions of the finance and accounts are precisely defined and are strictly followed with proper accounting practices making record of each financial transactions using e-governance mechanism. This has helps keeping records of receipt of funds, projects, consultancy income, donations, staff salary and all types of purchases and payment of various utility bills and taxes.</p>
<p>Student Admission and Support</p>	<p>Students who desires to take admission for UG and PG program of the institute are required to make formal application online on institute's MIS system by registering themselves. The data collected through this process is further used for making merit list and admission list of the eligible candidates and for online payment of the necessary fees.</p>
<p>Examination</p>	<p>MIS of the institute has well defined modules for collecting the data related to marks of continues evaluation, Mid semester Test, End semester marks,</p>

collection of question papers, appointment of examiners, collection of thesis and declaration of final results. The marksheet of all examinations are printed using examination modules.

6.3 – Faculty Empowerment Strategies

6.3.1 – Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year

Year	Name of Teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
2018	Prof. B. M. Bhanage	Deliver a talk in conference at Catsym23 Bangalore and Indo Japan Conference on New Insights into Multifunctional catalysis for Biomass transformation	Nil	11962
2018	Dr. Amiya Bhowmick	resent research work in International Conferences New Paradigms in statistics for scientific and industrial research	Nil	17720

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6.3.2 – Number of professional development / administrative training programmes organized by the University for teaching and non teaching staff during the year

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
2018	One-week Management Capacity Building Training for nonteaching administrative	One-week Management Capacity Building Training for nonteaching administrative	28/11/2018	02/12/2018	2	1

and finance staff, Lab Technician s at PORT Blair	and finance staff, Lab Technician s at PORT Blair
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6.3.3 – No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
Refresher course	1	18/09/2018	19/09/2018	2

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6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
100	100	128	128

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
4	8	5

6.4 – Financial Management and Resource Mobilization

6.4.1 – Institution conducts internal and external financial audits regularly (with in 100 words each)

Institute has accounts and finance department headed by Assistant registrar. This administrative department controls the data related to all financial and money transactions of the institute through carry out yearly budget allocation. Institute has separate finance committee chair by Vice chancellor of the institute. Financial allocation for day to day activities and yearly requirement for running all academic and administrative departments is carried out thoroughly by this committee. The institute has to prepare yearly audited statements and Income expenditures statements for the year for which services of the government certified auditors are used. As a mandatory part the institute also completes audits of its finances by the government appointed auditors.

6.4.2 – Funds / Grants received from management, non-government bodies, individuals, philanthropies during the year(not covered in Criterion III)

Name of the non government funding agencies /individuals	Funds/ Grnats received in Rs.	Purpose
Mr. Kishore V. Mariwala	2500000	Lecture Endowment

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6.4.3 – Total corpus fund generated

4200000

6.5 – Internal Quality Assurance System

6.5.1 – Whether Academic and Administrative Audit (AAA) has been done?

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	No	Nil	No	Nil
Administrative	No	Nil	No	Nil

6.5.2 – What efforts are made by the University to promote autonomy in the affiliated/constituent colleges? (if applicable)

Nil

6.5.3 – Activities and support from the Parent – Teacher Association (at least three)

<p>1. Whenever they were called to share their feedback with the NBA team 2. During choices to be made for career options PG ,going abroad ,job opportunities 3. When their children are felicitated during annual day function or convocation ,they are present and meet the faculty 4. Many parents who are alumni also join during the annual meet 5. Many parents who represent their industry also offer internships and job opportunity</p>

6.5.4 – Development programmes for support staff (at least three)

<p>1. Women Motivation 2. Capacity Building 3. Health Check up 4. Staff Development Training Program</p>
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6.5.5 – Post Accreditation initiative(s) (mention at least three)

<p>1. Formation of IQAC committee of the Institute 2. Formation of departmental IQAC committees 3. Syllabus revision with outcome based technique 4. Definition of course outcomes, program educational outcomes and program outcomes of all the programs of the institute. 5. Use of MIS academic and administrative functions. 6. Biometric of attendance of all the subjects</p>

6.5.6 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Yes
b) Participation in NIRF	Yes
c) ISO certification	No
d) NBA or any other quality audit	Yes

6.5.7 – Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
Nill	Nil	Nill	Nill	Nill	Nill
No file uploaded.					

CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 – Institutional Values and Social Responsibilities

7.1.1 – Gender Equity (Number of gender equity promotion programmes organized by the institution during the year)

Title of the programme	Period from	Period To	Number of Participants	
			Female	Male
Nil	Nill	Nill	Nill	Nill

7.1.2 – Environmental Consciousness and Sustainability/Alternate Energy initiatives such as:

Percentage of power requirement of the University met by the renewable energy sources

Percentage of power requirement of the University met by the renewable energy sources 15 Installing PV modules of the rooftops of the Institute buildings.

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	7
Provision for lift	Yes	7
Ramp/Rails	Yes	7
Rest Rooms	Yes	5

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff
Nil	Nil	Nil	Nil	00	Nil	00	Nil
No file uploaded.							

7.1.5 – Human Values and Professional Ethics Code of conduct (handbooks) for various stakeholders

Title	Date of publication	Follow up(max 100 words)
NIL	Nil	Nil

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Art of Living Session	18/04/2019	20/04/2019	104
View File			

7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

1. Installation of PV Panels for harnessing solar energy. 2. Using kitchen waste making compost 3. Using garden waste for making compost 4. Effluent treatment of laboratory drain and reuse of the same of gardening. 5. Paper less approvals for institute purchases. 6. Rain water harvesting.

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

Functional Autonomy to all stakeholders Quality Education that travels seamlessly to Research and Innovation Relevant research for the benefit of the Industry and Society Networking with industry and other organizations

Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link

https://www.ictmumbai.edu.in/uploaded_files/NAAC_Best_Practices_of_the_institute.pdf

7.3 – Institutional Distinctiveness

7.3.1 – Provide the details of the performance of the institution in one area distinctive to its vision, priority and thrust in not more than 500 words

Established in 1933 as a Department of Chemical Technology of University of Mumbai, the Institute of Chemical Technology (ICT), has grown into a deemed University on the basis of its outstanding contribution to Chemical Engineering, Chemical Technology and Pharmaceutical sciences, Biotechnology and allied sciences. ICT's vibrant research culture is a symbiosis of academic excellence and practical relevance with generation of knowledge in frontier areas of Chemical Engineering and Technology that is put in industrial practice over past 79 Years. ICT is one of the top performing institutions of the country as well as internationally, in terms of production of PhDs, refereed publications in reputed international journals, Patents, Output per faculty, PG/UG Ratio and cost effectiveness of its outcome. ICT Strives to be a premier institute engaged in education, training and research in the field of Chemical Engineering/Technology, Pharmaceutical sciences, and basic sciences. Some of the achievement includes: The Padma awards by the President of India bestowed on faculty and alumni speaks volume about the institute: 3 Padma vibhushan, 8 Padma bhushan and 8 Padmashri. India has 6 fellows of Royal Society in Engineering of which 2 are Chemical Engineers and both of them are from the ICT - Padma Vibhushan Prof. M.M. Sharma and Padma Vibushan Dr. R.A. Mashelkar In the 10th Bio Spectrum top BT Schools Survey done in April-May 2013, ICT Mumbai had emerged as the No. 1 biotech School in India. The Melinda and Bill Gates Foundation USA has awarded FOUR grants to ICT Projects recently which Speaks volumes of ICT's Standings Internationally. The ICT has filed/acquired 362 patents in last 10 Years.

Provide the weblink of the institution

https://www.ictmumbai.edu.in/uploaded_files/Performance ICTMumbai Distinctive to vision priority thrust.pdf

8.Future Plans of Actions for Next Academic Year

1. To attract and get associated with globally competent and proactive faculty including foreign faculty for the Institutional academic activities on a full or part time basis. 2. To increase intellectual capital and technology transfer output meeting the needs of the country and society in general. 3.To create infrastructure and recruitment of the competent and young faculty in the two new campuses of Bhubaneshwar and Jalna to run an innovative program and making Industry and society ready graduates. 4.To have industrial involvements for students internships and faculty exposure to undertake relevant research problems. 5.To complete digitalization in administration and teaching and communication to improve teaching and teaching pedagogy.