



Yearly Status Report - 2019-2020

Part A

Data of the Institution

Part A	
Data of the Institution	
1. Name of the Institution	COIMBATORE INSTITUTE OF TECHNOLOGY
Name of the head of the Institution	Dr .A.Rajeswari
Designation	Principal (in-charge)
Does the Institution function from own campus	Yes
Phone no/Alternate Phone no.	0422-2574071
Mobile no.	9865907804
Registered Email	principal@cit.edu.in
Alternate Email	rajeswari@cit.edu.in
Address	Avinashi Road, Civil Aerodrome Post, Peelamedu
City/Town	COIMBATORE
State/UT	Tamil Nadu
Pincode	641014

2. Institutional Status																			
Autonomous Status (Provide date of Conformant of Autonomous Status)	01-Jun-1987																		
Type of Institution	Co-education																		
Location	Urban																		
Financial Status	state																		
Name of the IQAC co-ordinator/Director	Dr .A.Rajeswari																		
Phone no/Alternate Phone no.	04222574071																		
Mobile no.	9865907804																		
Registered Email	iqac@cit.edu.in																		
Alternate Email	rajeswari@cit.edu.in																		
3. Website Address																			
Web-link of the AQAR: (Previous Academic Year)	http://www.cit.edu.in/naac/																		
4. Whether Academic Calendar prepared during the year	Yes																		
if yes,whether it is uploaded in the institutional website: Weblink :	https://www.cit.edu.in/admission/academic-calendar-2018-2019/																		
5. Accrediation Details																			
<table border="1"> <thead> <tr> <th rowspan="2">Cycle</th> <th rowspan="2">Grade</th> <th rowspan="2">CGPA</th> <th rowspan="2">Year of Accrediation</th> <th colspan="2">Validity</th> </tr> <tr> <th>Period From</th> <th>Period To</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>A</td> <td>3.09</td> <td>2018</td> <td>26-Sep-2018</td> <td>26-Sep-2023</td> </tr> </tbody> </table>						Cycle	Grade	CGPA	Year of Accrediation	Validity		Period From	Period To	1	A	3.09	2018	26-Sep-2018	26-Sep-2023
Cycle	Grade	CGPA	Year of Accrediation	Validity															
				Period From	Period To														
1	A	3.09	2018	26-Sep-2018	26-Sep-2023														
6. Date of Establishment of IQAC	07-Mar-2018																		
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															
Sixth meeting of IQAC		26-Dec-2020		18															

Cell	1	
Fifth meeting of IQAC Cell	26-Aug-2020 1	19
Fourth meeting of IQAC Cell	04-Mar-2020 1	25

L::asset('/', 'public') . /public/index.php/admin/get_file?file_path='.encrypt('Postacc/Special_Status/'. \$instdata->upload_special_status))}

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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
Coimbatore Institute of Technology	Technical Quality Improvement Programme	National Project Implementation Unit	2017 1095	77000000
Coimbatore Institute of Technology	Teaching Learning Center	PMMMNTT scheme MHRD, GoI	2018 1095	75000000

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9. Whether composition of IQAC as per latest NAAC guidelines:

Yes

Upload latest notification of formation of IQAC

[View Link](#)

10. Number of IQAC meetings held during the year :

3

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

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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)

- MoUs signed with industries
- NPTEL Courses made mandatory for faculty members
- Industry Interaction enhanced

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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
Improvement in Academic Performance and reforms	Performance appraisal using Academic Performance Index
Improvement in Teaching Learning Process	Online Teaching and virtual laboratory
Enhancement of Industry Institute interaction	MoUs and industry collaboration
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14. Whether AQAR was placed before statutory body ?

Yes

Name of Statutory Body	Meeting Date
IQAC PEER REVIEW COMMITTEE	26-Dec-2020

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

28-Aug-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)

University Management System Lite (UMSLite) is a complete integrated University Administration and Management system developed in state of the art threetier web technology which supports the academic activities of Coimbatore Institute of Technology. UMSLite is a powerful Internet and Intranet based application, designed to help the university to provide valuable information to the management, staff, alumni and the students. UMSLite consists of fully independent functional modules each designed to increase the efficiency of the departments in a university and to provide online information. Genius University Management System Lite

(UMSLite) streamlines data collection, storage retrieval and the management of records to improve both operational (admission, registration, scheduling, examination and grading) and management tasks (planning, evaluation and decisionmaking). UMSLite focuses on storing processing curriculum data, student data and produce outputs supporting the operational activities. These outputs include student cards, subject descriptions, invoices, schedules and management information. UMSLite directly integrates with the university's finance department by effectively managing invoicing, receipting, sponsor management and other billing features. Operational Modules ? Student Information ? Online Application. ? Student Admission. ? Course Management / Study Plan ? Student Attendance. ? Assessment Examinations. ? Student Accounting System. ? Sponsor Management ? Hostel Management System. ? Student Portal. ? Student Placements. ? Alerts Notification Management. ? Staff Portal. ? Business Intelligence Analysis System.

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
BE	Civil Engineering	1-1341759247	31/07/2019
BE	Mechanical Engineering	1-1341759425	22/10/2020
BE	Electronics and Communication Engineering	1-1341759429/1-1341759431	19/10/2020
BE	Electrical and Electronics Engineering	1-1341759422	27/10/2020
BE	Computer Science and Engineering	1-1341759433	05/12/2020
BTech	Chemical Engineering	1-1341759437	16/04/2021
BTech	Information Technology	1-1341759435	01/02/2020
ME	Structural Engineering	1-1341759439	31/07/2019

ME	Environmental Engineering and Management	1-1341759451	31/07/2019
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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
BE	Civil Engineering	20/07/2019	19FYEL11 - Employability Skills	20/07/2019
BE	Civil Engineering	20/07/2019	19FYEL21 - English for Employability	20/07/2019
BE	Civil Engineering	20/07/2019	19CEL65 - Quantity Surveying and Project Planning Laboratory	23/10/2020
BE	Civil Engineering	31/07/2019	19CE46- Professional Practices and Ethics	31/07/2019
BE	Mechanical Engineering	20/07/2019	19FYEL11 Employability Skills	20/07/2019
BE	Mechanical Engineering	20/07/2019	19FYEL21 English for Employability	20/07/2019
BE	Mechanical Engineering	20/07/2019	19HOC31 Communication Skills for Engineers I*	20/07/2019
BE	Mechanical Engineering	20/07/2019	19HOC41 Communication Skills for Engineers II*	20/07/2019
BE	Mechanical Engineering	20/07/2019	19ME57 Summer Internship / Summer Project	20/07/2019
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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
ME	Applied Electronics	05/08/2019
ME	Construction Management	31/07/2019
ME	Environmental Engineering and	31/07/2019

	Management	
ME	Structural Engineering	31/07/2019
BTech	Information Technology	20/01/2020
BE	Electronics and Communication Engineering	27/07/2019
BE	Electrical and Electronics Engineering	22/02/2020
BE	Mechanical Engineering	21/12/2019
BE	Civil Engineering	31/07/2019
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1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective Course System implemented at the College level during the Academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
BE	Civil Engineering	01/01/2020
BE	Mechanical Engineering	01/01/2020
BE	Electrical and Electronics Engineering	01/01/2020
BE	Electronics and Communication Engineering	01/01/2020
BE	Computer Science and Engineering	01/01/2020
BTech	Chemical Engineering	01/01/2020
BTech	Information Technology	01/01/2020
MCA	MCA	01/01/2020
ME	Structural Engineering	01/01/2020
ME	Environmental Engineering and Management	01/01/2020
ME	Construction Management	01/01/2020
ME	Computer science and Engineering	01/01/2020
ME	Heat Power Engineering	01/01/2020
ME	Advanced Manufacturing Technology	01/01/2020
ME	Embedded and Real Systems	01/01/2020
ME	Communication Engineering	01/01/2020
ME	Applied Electronics	01/01/2020

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
19HSS01 Science of	31/07/2020	124

Creativity and Professional Ethics		
19CE46 Professional Practice and Ethics	31/07/2020	128
Virtual Internship Programme on Stamping, Die Casting and Injection Moulding at ROOTS Industries India Limited, Coimbatore	09/08/2020	72
Training Program on - Visual Welding Inspector - I at CIT. (2-days). (Conducted Twice)	02/12/2019	72
19FYEL11 Employability Skills	20/07/2019	140
19FYEL21 English for Employability	20/07/2019	140
19HOC31 Communication Skills for Engineers I	20/07/2019	140
19HOC41 Communication Skills for Engineers II	20/07/2019	140
Agile Technology from TCS (15 hours)	26/08/2019	52
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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 Projects / Internships
BE	Civil Engineering	137
BE	Mechanical Engineering	32
BE	Electrical and Electronics Engineering	12
BE	Electronics and Communication Engineering	38
BE	Computer Science and Engineering	70
BTech	Chemical Engineering	3
BTech	Information Technology	21
ME	Structural Engineering	15
ME	Environmental Engineering and Management	14
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1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
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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)

Feedback Obtained

The feedback on curriculum aspects and courses is collected from different stakeholders such as the Students, Alumni, Faculty and Employers. Institution established Academic Council in order to ensure and analyze the academic excellence at student and faculty levels. Periodical analysis is made by Academic Council from the following: student performance, faculty performance in every semester, utilization of infrastructure and requirements for quality enrichment. The institution thoroughly reviews the curriculum through Board of Studies (BoS) meeting at department level for every academic year to reinforce the curriculum by incorporating technology updates and also provides solution to the societal issues. It also collects the feedback physically from stockholders viz. Students, Parents and Teachers on Curriculum through structured questionnaire. Further all students provide feedback through Autonomous Management System. The college conducts annual Alumni Meet (through OSAN day) in which suggestions and feedback is received from Alumni students. Feedback from industrial management, R D establishments and professionals is obtained through separate feedback forms. The provided feedback data is presented to the Academic Council Meeting for necessary implementation in curriculum. • Alumni surveys are conducted during alumni interaction at the alumni association meeting held every year • Whenever any alumni visits the college, feedback is taken • Further, college website invites alumni to provide feedback through online. • Feedback from industry, R D establishments, professional bodies also are obtained. FEEDBACK ANALYSIS: The data is analyzed and their suggestions are considered and placed before the Academic Council Committee for discussion and for possible incorporation in the curriculum. Academic Council Committee is formed to assess three major aspects, viz., Faculty Performance, Students Support System and Evaluation. The periodical review meeting is conducted to enrich the curriculum. Action Taken on Feedback from the stack holders: After collecting and assessing the feedback from the various stack holders on curriculum aspects, the valuable suggestions if any, will make notice to the Controller of Examination to make possible changes in the course structure for the next curriculum regulation. Based on the feedback from stack holders Faculty Development Programs are organized every year to enhance the professional competency and teaching pedagogy of the faculty. Curriculum is enriched through summer / winter internships, mini projects / student conferences and technical symposiums in the college. The Institution implemented the following to enrich the curriculum aspects: 1. Flexible and Choice Based Credit System to learn soft core elective courses, professional elective courses and open elective courses offered across the departments. 2. Value added courses. 3. Courses on communication skills / Professional ethics / Environmental Engineering, and Employability Skills. 4. Design experiments in many laboratory courses thereby stimulating creativity and innovation in students.

CRITERION II – TEACHING- LEARNING AND EVALUATION

2.1 – Student Enrolment and Profile

2.1.1 – Demand Ratio during the year

Name of the	Programme	Number of seats	Number of	Students Enrolled
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Programme	Specialization	available	Application received	
BE	CSE (Aided)1-1341759433	60	58	58
BE	ECE (SS)1-1341759429/31	60	59	59
BE	ECE (Aided)1-1341759429/31	60	63	63
BE	EEE (SS)1-1341759422	60	57	57
BE	EEE (Aided)1-1341759422	65	65	65
BE	CIVIL (SS)1-1341759247	45	36	36
BE	CIVIL (SS)1-1341759247	75	56	56
BE	MECHANICAL (Aided)1-1341759425	65	59	59
BE	MECHANICAL (SS)1-1341759425	55	49	49
BE	CSE (SS)1-1341759433	60	47	47

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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
2019	3780	1048	211	64	147

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
290	290	18	54	54	20

[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)

The institute has in place a formal mentoring system to cater to the needs of all students, and specifically students with special needs. Tutor-ward mentoring system Methodology Faculty-ward ratio • 1:16 (Same faculty in-charge throughout the program) • One senior tutor for every 60 students • Chairman tutor is the Head of the Department Frequency of meeting Once a week for one hour (as specified in time-table) Activities • Adaptability

with the system • Assistance in learning process, if needed • Progress and problems in teaching-learning • Discussions on examination results • Career opportunities • Aptitude • Group discussion • Mock interview Benefits • Improvement in academic performance and discipline • Able to identify slow learners • Able to ward-off student campus problems • Building relationships • Feedback to the course instructors to improve the teaching-learning process • Identifying the student needs on facilities and processes Students who are strong in academics and have no arrear grades are offered an option of Fast Tracking their curriculum. Such students can do extra courses in a semester over and above the prescribed courses for that semester. Students who opt for the fast track scheme are permitted to do their final year project outside the institution (in colleges abroad or in industry). Effective from Academic Year 2015, students have the option to register for open elective courses/self-study courses/one-credit courses of their choice under the Choice-Based Credit System. The number and credit requirements of such courses are governed by the program regulations.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
3853	238	1:16

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
348	290	58	290	133

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
2020	Dr. S. Manjula Gandhi	Associate Professor	Qiskit Advocate, IBM Quantum
2020	Dr.S.P.Abirami	Assistant Professor	Young Researcher award, Institute of Scholars.
2020	Dr.A.D.Chitra	Assistant Professor	Distinguished Reserachers award, Green ThinkerZ

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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
BE	all	APR/MAY 2020 (PG)	29/09/2020	12/10/2020
BE	all	APR/MAY 2020 (UG)	20/01/2020	08/02/2020
BE	all	OCT/NOV 2019 (UG/PG)	11/11/2019	07/12/2019
BE	all	OCT/NOV 2019 (UG/PG)	04/12/2019	24/12/2019

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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
0	4828	0

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.cit.edu.in/academics>

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
1-1341759451	ME	ENVIRONMENTAL ENGINEERING AND MANAGEMENT	14	14	100
1-1341759439	ME	COMPUTER METHODS AND APPLICATIONS IN STRUCTURAL ENGINEERING	15	15	100
1-1341759433	BE	COMPUTER SCIENCE ENGINEERING	123	123	100
1-1341759429/31	BE	ELECTRONICS AND COMMUNICATION ENGINEERING	126	125	99.2
1-1341759422	BE	CIVIL ENGINEERING	120	107	89.9
1-1341759425	BE	MECHANICAL ENGINEERING	136	100	73.5
1-1341759422	BE	Electrical and Electronics Engineering	124	123	99.2
1-1341759437	BTech	CHEMICAL ENGINEERING	37	36	97.3
1-1341759435	BTech	INFORMATION TECHNOLOGY	62	62	100
	ME		14	14	100

1-1341759465

CONSTRUCTION
MANAGEMENT[View Uploaded File](#)**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)

<http://www.cit.edu.in/faculty/autonomous-management-system/>**CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION****3.1 – Promotion of Research and Facilities**

3.1.1 – The institution provides seed money to its teachers for research

Yes

Name of the teacher getting seed money

Dr.V.G.Kalpana

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3.1.2 – 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
National	Ramya Rajendran	Summer Faculty Research Fellowship	24/09/2020	IIT-Delhi
National	Dr.K.Marimuthu	Best Senior Faculty Award	09/11/2019	Novel Research Academy, Puduchery
International	Dr.A.D Chitra	Top 100 International Distinguished Researchers	16/05/2020	Green ThinkerZ
National	Dr.P.Jagadesh	Guide for Best Innovative Structural Steel Design	21/01/2021	INSDAG
National	Dr.S.Gokul Kumar	Summer Faculty Research Fellowship	15/05/2021	IIT-Delhi

[View Uploaded File](#)**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 agency	Total grant sanctioned	Amount received during the year
Major Projects	365	CIT Management	240000	240000
Major Projects	365	CIT Management	93600	93600
Major Projects	365	TEQIP-III	125000	125000
Major Projects	365	TEQIP-III	100000	100000
Major Projects	365	CIT Management	125000	125000
Major Projects	365	CIT Management	100000	100000
Major Projects	1095	Research Council of Norway	1000000	1000000
Major Projects	365	DBT	3345000	3345000
Major Projects	365	AICTE	1100000	1100000
Major Projects	365	DST-NIMAT	40000	40000
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3.2.2 – Number of ongoing research projects per teacher funded by government and non-government agencies during the years

20

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
Webinar on Autonomous Vehicles in association with Group Manager - Diagnostics Engineering Volvo, Group North America, Greensboro, North Carolina, U.S.A.	Electrical and Electronics Engineering	15/09/2020
One week seminar on "Machine Vision", in association with TCS	Electrical and Electronics Engineering	18/02/2020
Orientation and Re-Training of Teachers	Civil Engineering	19/02/2020
A lecture on Encouraging students on Interdependency was taken over by Chief Guest Mr. R.Chellapan, Managing	Electronics and Communication Engineering	28/10/2020

Director, Swelect Energy Systems LTD (Formely known as Numeric Power Systems LTD) Swelect Group Swelect Energy Systems PTE LTD, Singapore,		
Webinar series on "IoT: Paradigms and Solutions for Next Generation Smart Ecosystems" as a part of IETE Students Forums	Electronics and Communication Engineering	12/08/2020
TEQIP III Sponsored two days FDP on Design Develop and Deliver Online Course through Moodle, Organized by DOTE and CIT,	Computer Science and Engineering	23/04/2020
TEQIP-III sponsored FDP on Recent Research trends in Engineering Perspective	Information Technology	12/08/2020
Student Induction Program - Skill Development	Software Systems	16/11/2020
Webinar on Datafied Quarantine	Data Science	25/03/2020
MTC sponsored Webinar on "Industry 4.0 / Smart Factory Automation"	Mechanical Engineering	23/06/2020
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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
IBM Qiskit Advocate	Dr. S. Manjula Gandhi	IBM Quantum	01/09/2020	Academic
NPTEL STAR for the category, NPTEL MOTIVATED LEARNERS ,(Funded by the Ministry of HRD, Govt. of India)	Ms.C.Subha Priyadharshini	MHRD	01/07/2019	Academic
First place in the Participant Speaker Contest in the five days short term training Course on "Machine	Ms.Cynthia Joseph	IIITDM Kancheepuram	30/11/2019	Academic

Learning Algorithms and its Application", organized by the Department of Electronics and Communication Engineering at IIITDM Kancheepuram				
Best Presenter Award in International Conference on Radar, Antenna, Microwave, Electronics, and Telecommunications (ICRAMET), Indonesian Science Expo, Indonesia	Dr.G.Christina	Indonesian Science Expo, Indonesia	23/10/2019	Academic
Young Researcher award	Dr.S.P.Abirami	Institute of Scholars	02/01/2020	Research
Guinness World Record Attempts for Most users to take on online programming lesson in 24 hours	Ms.S.Deivarani	Guvi Geek Network Pvt.Ltd AICTE	20/06/2021	Academic
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3.3.3 – No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Center	Name	Sponsored By	Name of the Start-up	Nature of Start-up	Date of Commencement
E-Mobility centre	Product development centre	CIT	Product development centre	Product development	17/12/2019
AVISHKARANA	IDEA / CONCEPT	CIT	AVISHKARANA	Product development	09/03/2021
SLIPPERSHOTS	Education Tech product	CIT	SLIPPERSHOTS	Product Development	28/08/2019
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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
------------------------	-------------------------

Decision and Computing Sciences	3
Mechanical Engineering	18
Civil Engineering	4
Mathematics1	1
Master of Computer Applications	3
Electronics and communication Engineering	4
Electrical and Electronics Engineering	5
Computer Science and Engineering	3
Software Engineering	4
Data Science	1

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	Electrical and Electronics Engineering	33	1.5
International	Electronics and Communication Engineering	12	Null
International	Chemical Engineering	12	Null
International	Mechanical Engineering	34	Null
International	Data Science	2	Null
International	Mathematics	13	Null
International	Humanities	5	Null
International	Computer Science and Engineering	32	Null
International	Information Technology	9	Null

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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
Civil Engineering	38
Electrical and Electronics Engineering	9
Electronics and Communication Engineering	13
Chemical Engineering	4
Computer Science and Engineering	9
Information Technology	1

Humanities	2
DCS	3
Mathematics	1
Master of Computer Applications	2
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3.4.4 – Patents published/awarded during the year

Patent Details	Patent status	Patent Number	Date of Award
Dr.Rajeswari Arumugam, Ms.Cynthia Joseph, Ms.Sowmya Vijayakumar Dr. Premalatha Balasubramaniam, Multimodal Emotion Recognition system for Tamil Native Speakers	Published	202041003164A	21/01/2020
Dr.R.S.Somasundaram published, Crowd detection Intelligent camera to prevent COVID-19 or any other need	Published	2021102668	18/05/2021
Smart Mobile Mosquito Trap Device	Published	20241009996	08/03/2020
Dr.A.Rajeswari, Mrs.S.Bala Dhanalakshmi, Dr.G.Puvaneswari, System and Method for Identification of Intruder	Published	202041009608A	13/03/2020
Method of Synthesising Hybrid Metal Plastic Composite and 3D Printing	Published	2020103162.00	23/12/2020
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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
The Outer Connected Monophonic	K. Ganes amoorthy and S. Lakshmi	Ars Comb inatorai	2020	0	yes	2

Number of a Graph	Priya					
Optimization Approach For Examining the M/M/C Queuing Model For Balking and Reneged Customers By Hybrid Approach	D. Anandakumar, S. Palaniammal and N. Nagaveni	International Journal of Advanced Research in Engineering and Technology	2020	0	yes	0

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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
Characterization and in vitro cytotoxicity evaluation of fish scale and seashell derived nano-hydroxyapatite high-density polyethylene composite	C. B. Ayyanar, K Marimuthu, B Gayathri, Sankarrajan	Polymers and Polymer Composites	2020	0	2	yes
Network Path Analysis for developing an enhanced TAM model: A user-centric e-learning perspective	Ann Baby and A.Kannammal	Computers in Human Behavior, Elsevier	2020	0	0	yes

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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/Semi	77	1140	46	307

nars/Workshops				
Presented papers	143	22	0	4
Resource persons	2	46	12	41
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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)
Chemical Engineering	Government and private	chemical engineering, CIT	67437
Mechanical Engineering	Testing and Consultancy	Govt , Private sectors, Individuals	184505
Civil Engineering	Testing and Consultancy	Govt , Private sectors, Individuals	5723235
Electrical and Electronics Engineering	Testing and Consultancy	Flowcon Engineer	25000
Electrical and Electronics Engineering	Testing of LED lamp	M/S Sri Senthur Traders	8000
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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
--	-	-	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
UNNAT BHARAT ABHIYAN (CIVIL)	CIT	2	8
UNNAT BHARAT ABHIYAN (ECE)	CIT	1	12
Awareness Program	CIT	1	18
Unnat Bharat Abhiyan (Chem. Engg.)	CIT	1	7
Road safety	CIT	0	63

awareness (Chemical Engineering)			
Youth Red Cross (Chemical Engineering)	CIT	0	18
NSS (Chemical Engineering)	CIT	0	63
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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 Benefited
NPTEL - SWAYAM	Mentor	IIT Madras	9
NPTEL	EliteSilver	IIT Kharagpur, IIT Ropar	5
INSDAG	Best Project Supervisor	INSDAG	8
Online Community Quiz Series	Independent Scientist Awards	Independent Scientist Youtube Channel	1
National Level Product Development Hackathon	Second Prize	Computer Society of India, Chennai Chapter	2
Academics and Research contribution	Distinguished Alumni Award	Maitreyi College, University of Delhi	0
Design Competition - WSW 2020	RECOGNITION	Satish Dhawan Space Centre SHAR, Sriharikota	4
NPTEL	Elite Gold	IIT chennai, kharagpur, Bombay(2020 - 2021)	9
NPTEL	EliteSilver	IIT Kanpur(2019 - 2020)	3
NPTEL	Elite Gold	IIT Kanpur(2019 - 2020)	10
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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
Road Safety Patrol	CIT Tamilnadu Traffic Wardens Organisation, Coimbatore City	Koniamman Cart Voulnteering	3	70
Unnat Bharat Abhiyan	CIT	UBA village survey, Sanitation,	2	25

		Nutrition		
unnat bharath abhiyan	CIT	orientation program at adopted village	1	12
Road Safety Patrol	CIT	Swachh Bharat	3	100
Road Safety Patrol NSS	CIT	Road safety awareness to school students	5	100
Unnat Bharat Abhiyan	CIT	Awarness Programme	1	4
Unnat Bharat Abhiyan	CIT	Awarness Programme (Importance of Education)	1	18
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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
Internship	ANOMALY DETECTION IN PAAS SYSTEM	RED BUS	180
Internship	RRM CONFORMANCE TESTING IN 5G TECHNOLOGY	KEYSIGHT	180
Internship	LABVIEW TESTSTAND	SOLITON	180
Internship	STUDY AND ANALYSIS OF AUTO POWER SUPPLY CHANGEOVER WITHOUT INTERRUPTION TO EMERGENCY AND AUXILLARY EQUIPMENTS	NLC MINES, NEYVELI	180
Internship	EFFECT OF PROMOTION ON SALES	GANIT INC	180
Internship	QUALITY ASSURANCE IN SALES	FRESHWORKS	180
Internship	INTEGRATING INTERNET OF THINGS AND BLOCK CHAIN FOR SMART HOMES TO OUTDO SECURITY AND PRIVACY	TEST AND VERIFICATION SOLUTIONS	180
Internship	Nextbrain Technologies, Bangalore	NIL	150
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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
Internship	Internship	SmartBridge Educational Services Private Limited, in Colloboration with IBM	27/04/2020	25/05/2020	P.V.Harshithaa
Internship	Internship	Freshworks Tehnology Private Limited, Chennai	04/11/2019	18/01/2020	Vidhya
Internship	Internship	Keysight Technologies, Umiya Business Bay Tower- 1, Embassy Tech Main Road, Kaverappa Layout, Kadubeesanahalli, Bengaluru, Karnataka - 560037	02/12/2019	19/06/2020	Nathiya.E Nirdheshika Narayani.S Surya.A
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3.7.3 – MoUs signed with institutions of national, international importance, other institutions, industries, corporate houses etc. during the year

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
Salim Ali Centre for Ornithology and Natural History, Anaikatty, Coimbatore (ECE)	19/08/2019	Offered Projects for third and final year UG Students	23
Salzer Electronics	12/12/2019	Inplant training, IPR, Joint project, Student and Faculty training.	2
Foretec Engineers, Coimbatore	20/02/2019	Inplant training, IPR, Joint project, Student and Faculty training.	2
Centre of	01/03/2021	Mentoring	2

Development in Edge Computing (CODE)		Students project, Internship	
Sai Incubation Centre, Coimbatore (ECE)	27/06/2019	Offered Elective course for fast track students , Projects for third and final year UG Students	23
Samudra Pumps India Private Limited Office Block 1, Ground Floor, Senthil Towers, 1078 Avinashi Road, Coimbatore - 641 018	18/12/2020	Implant training, IPR, Joint project, Student and Faculty training.	2
CENTRAL INSTITUTE OF AND PETROCHEMICALS ENGINEERING TECHNOLOGY, Mangalam P.O.,, LakkidiKoottupatha, Palakkad Dist Kerala 679301	09/03/2021	Implant training, IPR, Joint project, Student and Faculty training.	80

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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
40000000	36398540

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Number of important equipments purchased (Greater than 1-0 lakh) during the current year	Newly Added
Video Centre	Existing
Seminar halls with ICT facilities	Newly Added
Classrooms with LCD facilities	Newly Added
Seminar Halls	Existing
Laboratories	Newly Added
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 partially)	Version	Year of automation
AutoLib Software Systems	Fully	AEEDL 2.1 (Web - Advanced Enhanced Edition)	1997

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
	Text Books	79977	25820850	1926	1103938	81903
Reference Books	7374	25477698	28	30675	7402	25508373
e-Books	50743	217092	50743	200813	101486	417905
Journals	226	486442	177	323087	403	809529
e-Journals	841	1903555	1082	2895805	1923	4799360
Digital Database	3	95790	3	100523	6	196313
CD & Video	4408	62723	90	29276	4498	91999
Library Automation	1	198525	1	40000	2	238525
Weeding (hard & soft)	0	0	0	0	0	0
Others (specify)	15941	0	246	0	16187	0
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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
Dr. A. Gnanaprakasam	Chemical Reaction Engineering Class Materials	You Tube	10/07/2020
Dr. A. Gnanaprakasam	Ideal CSTR - Separator - Recycle process problem - GATE 2019	You Tube	05/11/2019
Dr. A. Gnanaprakasam	Adiabatic Ideal CSTR problem - GATE 2019 -What-If Analysis in Excel - Chemical Reaction Engineering	You Tube	02/11/2019
Dr. A.	Ideal reactor	You Tube	29/10/2019

Gnanaprakasam	problem - GATE 2019 - Chemical Reaction Engineering - Excel		
Dr. A. Gnanaprakasam	GATE 2019- Chemical Reaction Engineering - segregated model - Trapezoidal Rule - using excel	You Tube	27/10/2019
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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	1892	34	8	4	3	2	7	155	0
Added	70	1	0	0	0	0	0	0	0
Total	1962	35	8	4	3	2	7	155	0

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

155 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
NIL	NIL

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
15000000	12739489	25000000	23659051

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)

Our college has exclusively appointed Deans to look after the placement training, planning, academics, RD and industry collaborations and internal affairs. Statutory bodies like Governing council, TEQIP Board of Governors, Academic council, Internal Quality Assurance Cell and finance committee were established to monitor the physical, academic and support facilities.

Laboratories: Each department has a minimum of 8 laboratories and many departments having centre of excellence like IoT, 5G, Industry 4.0 and manufacturing science. Laboratories are kept opened for all students and faculty up to 12.00 midnight and weekends with faculty and supporting staff.

Library: The department of Library of C.I.T spreads for about 11650 sq.ft (1254 sq.m).It provides information services and access to print and esources to support the scholarly and informational need of the Institute community. The

fully computerised library is well equipped with modern facilities and resources in the form of books, print and e journals, CDRoms, online databases and audio and video cassettes etc., Our Library has a collection of 85109 volumes of books, 226 Indian journals and 1345 foreign journals. Besides the above it BIS codes and Ebooks. Additional books also available in department libraries. Students can access in between 9am to 7 pm on working days and on Saturdays between 9 am to 3pm. Membership is open to all the staff (Teaching, NonTeaching) and the students (UG, PG and Regular Research Scholars) of CIT. Library committee headed by Principal includes AO, COE, DCOE, HODs, Faculty and Librarians as members. The committee will meet once in six months to review the functioning of the library and to suggest steps for improvement / development.

Sports Complex: Our college has well equipped gymnasium, cricket, football ground and a standard 400mt stadium. The untiring commitment and enthusiasm of the student community, with encouragement and guidance from the faculty has created tremendous opportunities for students to hone their talents. Our college organizes indoor and outdoor events including cricket, football, badminton, ball badminton, hand ball, basket ball, Tennis, kabaddi, volleyball, throw ball, carom, chess etc. **Computing facility:** CIT has separate ITRM Cell for purchase, installation and maintenance of computer systems. At present, more than 2000 computers with necessary accessories are available for usage of faculty and students. All the computers are provided with internet facility. In addition, Wifi facility is also available throughout the campus including hostel 24x7. **Classrooms:** Total no.of classrooms and tutorial halls for handling UG and PG classes are around 80 which includes smart classrooms for ICT based teaching learning process.

<https://www.cit.edu.in/academics>

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	CIT 1984 Alumni Charitable Trust, Dr.Smt.Sagunthala Er.R.Rangarajan Endowment Fund, Sri.KISHANDAS K.KIKANI Smt.VIJAYABEN KISHANDAS KIKANI Endowment Fund, 1965 - 70 Batch - Financial Assistance to Students, BC/MBC/SC/ST Charitable Trust, LIC Gold	24	293510
Financial Support from Other Sources			
a) National	BC/MBC Renewal Scholarship, Govt. Scholarship for BC MBC Students, Govt. Scholarship for SC	622	5434566

	/ ST Students, Prime Minister Special scholarship scheme for Jammu and Kashmir Students, MHRD(NDF), Higher Educational Special Scholarship (HESS), AICTE		
b)International	-	0	0
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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
Student Induction Program	20/07/2020	720	Alumni, Faculty Members, Industrialists, Employers
Intensive Training on Applications of C	06/08/2020	126	Mr E. Karthik, Consultant Trainer
BEC Preliminary Training	20/07/2021	100	Satvaq IT solutions private ltd
Yoga	29/11/2020	103	Manavalakkalai Mandram
Online Interactive session on Current Technologies and Career opportunities for Graduating Engineers	01/08/2020	247	IETE students Forum, QUALCOMM, Mercedes Benz, Bengaluru
Quants Aptitude training	06/06/2021	112	Mr.SasiKumar, Trainer, Six Phrase training school, Coimbatore
Science of Creativity and Professional Ethics	06/08/2020	720	Department Faculty
Hackathon	10/01/2020	120	Department Faculty
Soft Skills Development Workshop series	01/02/2021	114	Skill and Personality Development Programme Centre for SC/ST Students
Corporate Perceptions towards	01/02/2021	98	Skill and Personality

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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
2019	GATE Coaching and Career Counselling	636	934	35	312
2019	Intensive Training on Applications of C	126	126	85	85
2019	Online Interactive session on Current Technologies and Career opportunities for Graduating Engineers	247	247	85	85
2019	Online Interactive Session on carrier guidance, Quants & Aptitude training	192	192	85	85
2019	SIX PHRASE training institute for developing aptitude and technical skill	0	44	0	20
2020	Goprep Talent Search Examination 2020	5	5	1	1

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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
0	0	0

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
AKAMAI	22	2	WIPRO LIMITED	6	1

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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
2020	6	B.E	Civil Engineering	Thiagarajar College of Engineering, Madurai	M.E Environmental Engineering
2019	4	B.E	Mechanical Engineering	University of Petroleum and Energy Studies, Dehradun, Uttarakhand	M.Tech in Health Safety and Environment
2020	3	B.E	Electronics and Communication Engineering	Nanyang Technological University	MSC(Computer Control and Automation)
2019	3	B.Tech	Chemical Engineering	BITS, Pilani	M.Tech. Chemical Engineering
2020	1	B.E	Computer Science and Engineering	St.Xavier College	M.E. Computer Science and Engineering
2019	2	B.E	Computer Science and Engineering	University of Central Oklahoma	M.S. Computer Science
2019	5	B.E	Electronics and Communication Engineering	SANJOSE' STATE UNIVERSITY, CALIFORNIA	MS (Electrical Engineering)

2020	4	B.Tech	Information Technology	Villanova University	Master of Science, Computer Science
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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
CAT	1
TOFEL	2
GATE	6
GRE	5
Any Other	20
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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
Melinia - 2020	National Level	548
Internal Hackathon for Smart India Hackathon	Institute	637
Nakshatra	Institute	240
Elect-Era 2k21	Institute	240
Mechnotron 2020	National Level	299
IE (I) Students Chapter Online Quiz for Centenary Celebrations on 10/9/2020	Institute	83
Engineers Day Online Quiz for Students	Institute	238
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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
2020	Gold medal In senior under 30 years female individual	National	1	Nil	1701016	Durga Devi.D
2019	11th Centies KHO KHO Ch ampionship	National	1	Nil	1704060	Balagana pathi J

2019	Inspirus-Rotaract Club Of CIT	National	Nil	1	1904054	Suharini .C.
2019	Martial Arts Club-Defendia Online Event	National	1	Nil	1904033	Poomathi .D
2019	Anna University Zonals Volley Ball	National	1	Nil	1606017	Meena
2019	Nakshatra 4 X400 Relay	National	1	Nil	1934010	Harisudhan VL
2020	YHAI Club, Badminton	National	1	Nil	2034038	N.B.Priyadarshini
2019	Data Analytics: Davinici	National	Nil	1	1933018	Jothi Bathra.L
2019	THOOTHUK UDI DISTRICT HOCKEY ASSOCIATION-National Sports Day Skill Competition	National	1	Nil	1707041	M.Radhakrishnan
2019	Quiz competition on Engineers Day Celebration	National	Nil	1	1703070	Gnanasri G
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5.3.2 – Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution (maximum 500 words)

The inauguration function of student's union during 2019-2020 was conducted in online mode due to pandemic conditions . All second, third and final year B.E./ B.Tech and M.Sc students participate in CIT auditorium hall. Final year and prefinal year students are nominated as Student's Union chairman, secretary, joint secretary and secretaries of various clubs. The students are part of Class Committee meeting for every year conducted in the department at regular intervals. Their major role is to be a voice of the class especially related to any concerns, suggestions, feedback on a regular basis regarding class matters. The Student class committee representatives are responsible for ensuring effective communication links between the committee members and the class

committee representatives. Their duty is to promote class identity and class spirit. They also assist in planning and executing department association activities conducted for the student's welfare. The Department Student Placement Coordinators assist college placement officers in the arrangement of Campus placement activities and campus recruitments. WOMEN EMPOWERMENT CLUB ACTIVITIES Newly added to the list, The Women empowerment cell clearly understood that there is no force equal to a woman determined to rise. The events organized by them focused to effectively impact women to discover their potential and inculcate ethics and values in pursuit of their excellence in a holistic way. MOVIE SCREENING is the event conducted every semester. In ball badminton (women) CITians won third position. In basket ball (women) CITians won third position. In volley ball (women) CITians won third position. WOMEN'S DAY CELEBRATION FOOT BALL TRAINING PROGRAM "BE FIT WITH A KICK" It is one of the event organized during women's week. It is fun kind of event reuniting all girls for a moment to recognize football. COME! KICK! GO!. The event was conducted along with the support of sports club. Footballs were given to girls and a coach gave basic training. Girls were very much excited to play football, Coach used many different strategies to train the girls. Refreshments were provided.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

Yes. All students from all discipline have enrolled as alumni and contributed to the association for the routine activities. Meeting of alumni especially for the occasions like I year, 10th year, 25th year after graduation are voluntarily done by the alumni. Even graduates during 196580 visit the institution to share their experience and knowledge to students during association meeting as industrialist, business eminent to encourage the present students. Coimbatore Institute of Technology, Coimbatore has a functional alumni association. The mission of the Association is to foster strong bonds between alumni, students of CIT and the Institute, and create a network enabling them to remain engaged with their alma mater. The alumni of the college who have moved on to industry or for higher studies also give a feedback on how their years in the institution have helped them perform in their places of work/study. The alumni also give constructive suggestions to the students. Its activities and major contributions for institutional, academic and infrastructure development are

- Student Alumni Contact: Support current students through different mentoring opportunities either by being a part of on campus lectures or motivation through an in person or online commitment provide internships recruit fresh graduates present career programs, etc.
- Events and Reunions: The Association organizes and facilitates a host of events every year at CIT Coimbatore. This includes the OSAN Day which is held on the second Saturday of March of every year, the Silver Jubilee Reunion, Golden Jubilee Reunion. Alumni are also invited to campus events like Association activities, Guest lectures, International Conferences, Technical workshops and Symposiums, Faculty development training, placement training etc., Convocation Day, and other cultural events on Campus. In addition, there are sports events, and meetings of various special interest groups within the alumni in Coimbatore and elsewhere in the country as part of its chapter outreach events. During 2015, Chennai was affected with flood and alumni went as a workforce relief as s part of social service.
- The alumni are invited as expert members and advisors in various levels of committees that support the welfare of the institution.
- Geographic Alumni Chapters: Activities of the Association are not just limited to the campus, and there are thriving city chapters that organize events. Oman and US chapter and other worldwide chapters provide opportunities to renew old friendships and start new ones.
- Financial

Support by Alumni: Every year, among the thousand plus students who enter CIT Coimbatore, there are students from the socially and economically challenged segments of society, who cannot get enough financial aid, including loans or scholarship money. The Student scholarship is additionally given by past students (alumni) of the Institute to its present students and thus building a Budding Bright Engine. In case of life saving medical grounds for the needy students, alumni and for the staff, alumni extend financial support. The Alumni of 1995 batch contributed funds in the development of the infrastructure of the institute.

5.4.2 – No. of registered Alumni:

1015

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

262500

5.4.4 – Meetings/activities organized by Alumni Association :

Alumni meetings has been conducted in the following dates for the Academic year 2019-20 1. 27.08.2019 2. 21.10.2019

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)

The management of the Institute has taken several initiatives to decentralise the decision making authority and involve senior faculty members to participate in the management of the Institute. Accordingly, in addition to the positions of Heads of the departments, the following posts of deans have been created. The Principal is assisted by the Heads of departments and the Deans in managing the activities of the Institute. The duties and responsibilities of various deans are as following: 1. Dean-Student Affairs, Estate Maintenance and Alumni association activities (AO) • Assisting Principal on Legal matters • Maintaining a ragging free campus • Ensuring discipline among students inside outside the institute. • Conducting enquiries of students indulged in activities of indiscipline • Organizing student counseling and other related activities • Liaising with parents /guardians 2. Dean - Exams • Planschedule of end semester examinations as per the dates defined in the academic calendar • Organize setting of question papers (as per OBE), scheme of evaluation, scrutiny and printing of question papers. • Appointment of Chief Superintendent, Invigilators and Examiners for evaluation of answer scripts • Conduct of End Semester /Arrear Examinations and arrange for valuation • Arrange for result passing board meetings • Compilation and publication of exam results. • Liaising with Controller of Examinations, Anna University for relevant matters • Conduct of Internal and External Academic Audits • Conduct commencement ceremony function • Organizing all Academic /Grievance redressal body meetings relating to autonomous functioning. • Preparing course completion certificates • Dispatching degree certificates to the students 3. Dean- Placement and Training (Placement Officer) • Managing the placement office including accounts • Conducting orientation programs to all students to create awareness about placement process • Arranging pre-placement talks • Setting guidelines for inviting companies to participate in recruitment process • Arranging and Managing coaching classes for GATE, TOEFL, GRE and finishing schools 4. Dean - Academic research resource assistance (Librarian) • User Services • Technical Services • Administrative Services 5. Dean-Planning • Expansion of academic programs as per the directions of GC through Principal • Preparation of Institutional Developmental Proposals (IDP) as per the road map

viz., TEQIP, ATAL, QIP, NIRF, TLC, Incubation Centers, etc., • Reporting establishment requirements • Handbook preparation • Maintenance of CIT website
 6. Dean-Academic • Curriculum development as per guidelines • Preparation and execution of Academic Council activities • Coordinating Boards of Studies activities • Preparation of syllabus book • Supervising UMS activities • Anna University, AICTE, NBA UGC- Affiliation and approval process in coordination with Administrative coordinator • Organizing Continuing Education Programs
 7. Dean International Affairs
 8. Dean-RD and Industry Collaboration • Propagating awareness on latest technical developments to the faculty and staff • Coordinating sponsored research work and consultancy activities of faculty members • Managing IIPC • Preparation of annual reports on research, consultancy and Patenting • Carrying out activities relating to MoUs
 9. Dean- Extracurricular and Inter college activities • Selection of Office bearers for students union • Organizing and conducting club activities • Planning and coordination of all Inter college

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
Admission of Students	Admission of students are carried out based on the policies framed by Government and through general counselling conducted by the Government of Tamil Nadu.
Industry Interaction / Collaboration	The Institute has entered into MoUs with many Institutions / Organisations to conduct research in areas of common interest. In align to the MoUs signed faculty members and students are undergoing training. Faculty members and students are undertake industrial visits every academic year. The students are motivated to undertake their end semester project in the industries and IITs and NITs. Twenty-eight days In-plant training during vacation is mandatory for students. Entrepreneur Development Cell (EDC) conducts training and workshops for students.
Human Resource Management	The human resource of the college is professionally managed. There is a proper recruitment, selection and induction policy for faculty and staff
Library, ICT and Physical Infrastructure / Instrumentation	The main objective of the CIT library is to provide information services and access to print and e-resources to support the scholarly and informational needs of the institute community. The fully computerized library is well equipped with modern facilities and resources in the form of books, print

and e-journals, CD-ROMs, on-line databases and audio video cassettes etc. Open Access System is being followed in the library. The digital class rooms are equipped with audio and video facilities. Equipments and instruments necessary to meet the curriculum requirements are available in the laboratories. Trained and experienced technicians take care of maintenance of the equipments in the laboratories. The institute has running track, individual playgrounds for various games and full-fledged separate gymnasiums for boys and girls.

Research and Development

The aim of the management is to have all faculty members with Ph.D qualification. In line with this aim, young faculty members are encouraged to register for Ph.D either with supervisors available in CIT or outside the Institute. The fees to be paid to the university by faculty members who have registered for Ph.D programme are reimbursed by the Institute from TEQIP fund. The faculty members are motivated to apply for research projects to get funds from organizations like AICTE, DST, DRDO etc. When faculty members undertake travel to present research papers in conferences within India, the entire cost is borne by the Institute. When faculty members go to present papers in conferences outside India, partial grants are given to them by the Management. To meet the balance expenses, the faculty members are advised to apply for 'Travel Grant' to agencies like UGC and AICTE. Further, faculty members are permitted to go to reputed Institutions either within India or overseas to take up Post-doctoral research in current areas.

Examination and Evaluation

Frame regulations for conduct of the courses, examinations and initiate measures for improving quality of teaching, methods of evaluation of student's performance and student advisory programme in the institute. Relative grading has been implemented for award of internal marks from the odd semester of 2019 - 2020. Pertaining to the Examination System, it has been resolved in the standing committee of the Institute that 'Open Book' Examination may be conducted for a few selected courses from the

May/June 2020 Examinations.

Teaching and Learning

Students are informed in advance about the topics to be discussed for the tutorial Classes. Faculty come prepared for the topics to be discussed, utilizes smart class room and subject videos for teaching. Assignment problems are given to the students. They can refer to class notes and text books/reference books or contact faculty /teaching assistants and not the neighboring students. Students interact with tutor in-charge to get the doubts cleared and methods to solve the assignments. At the end of the period tutorial notes are taken for evaluation. Students are motivated to attend the online courses (NPTEL, MOOCS and other online courses). Guest lectures from industry/subject experts were arranged.

Curriculum Development

Institute has acquired expertise and infrastructure over the past six decades and it's experienced faculty members have contributed immensely for improvement of quality of the programme. The curriculum is finalized after a thorough discussion among the internal and external stake holders. The curriculum is structured such that the student undertakes courses in basic science and engineering in the first year, core courses in second year, core and elective courses in third and fourth years. Core courses give an in-depth understanding and knowledge to analyze and design. The curriculum structure contains the details of course code, course title, total number of contact hours and credits of each course.

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

E-governance area	Details
Finance and Accounts	<p>The following operations of finance and accounts are implemented in UMS.</p> <ul style="list-style-type: none"> • Invoice and Receipt generation of Students' fees such as Tuition Fee, Exam Fee, Hostel Fee, Library dues. • Report of Students fee details • Faculty Member pay slip report • Student Admission and Support
Student Admission and Support	<p>Students admission in CIT is carried out through the UMS. All the details of students related to admission such as personal, academic and documents</p>

	related to academic (Mark sheet of previous academic courses, Transfer Certificate, TNEA Allotment Order, Community Certificate, etc.,) are maintained through this software. Also students have separate portal, from which they can view their Personal information, Semester wise marks, Current semester details such as Subjects of study, Time Table, Attendance, and Internal Marks.
Examination	<ul style="list-style-type: none"> • End Semester Time Table generation • Exam Hall allocation and Seating Arrangement • Generation of Students Hall Ticket • Record of External marks • Generation of Grade Sheet (semester Mark Sheet) and Consolidated Mark Sheet • Generation of Results and Rank list • Generation list of students having arrears.
Planning and Development	<ul style="list-style-type: none"> • Organization of faculty development programmes (FDP) conducted in the Institute is carried out through Email and Google shared documents. • Updation of Information in the institute hand book is carried out by using Autonomous Management System (AMS) Software • Uploading of information pertaining to the Institute in the institute website
Administration	<ul style="list-style-type: none"> • Mapping of Subject and Course • Details of subjects such as Subject Code, Grade Point, Internal and External Marks, etc., • Subject registration for each students includes a regular, Elective and Arrears papers • Allocations of Students to Laboratory <ul style="list-style-type: none"> • Class Time Table and Faculty allotment • Maintenance of Students' Attendance includes On-Duty and Medical Leave • All circulars to the faculty and staff are sent through email, whass App and mobile message. • Biometric attendance management system is used for PG students staff. • Maintenance of Scholarship Details of each students • Submission of faculty Information (datasheet) such as Personal, Academics, Details of Academic, Industry and Research Experience has been made online. • Hostel Room allocation for Students.

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/	Name of the	Amount of support
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		workshop attended for which financial support provided	professional body for which membership fee is provided	
2020	Dr. M. Packia Sudha	IoT workshop, IIT Incubation centre, Chennai	TEQIP	3191
2020	Dr.N.Anithadevi	International Conference paper presentation on Automated Speech Recognition System For Speaker Emotion Classification In 5th IEEE International Conference On Computing, Communication And Security (ICCCS-2020) Indian Institute of Technology, Patna	TEQIP	8000
2020	Ms.K.Malarvizhi	International Conference Paper Presentation on "Air Quality Monitoring and Disease Prediction using IoT and Machine Learning in the 5th International Conference on Internet of Things and Connected Technologies (ICIOTCT) 2020	TEQIP	7000
2020	Dr.N.Geetha	International Conference Paper Presentation onCyberspace News Prediction of Text and Image with Report Generation", in IEEE	TEQIP	6500

		International Conference on Communication and Signal Processing, July 28-30, 2020, Adhiprasakthi Engineering College		
2019	Ms.S.Devi	Executive Education Programme on "Case Study approach to Statistical Analysis using R Programming	CIT Management	3500
2019	Ms. M.L.Merlin Sajini	8 Week NPTEL Course on "Accreditation and outcome based learning", by Prof. Shyamal Kumar Das Mandal, IIT Kharagpur	NPTEL , TEQIP	1000
2019	Ms. A. Priyadharshini	8 Week NPTEL Course on "Accreditation and outcome based learning", by Prof. Shyamal Kumar Das Mandal, IIT Kharagpur	NPTEL , TEQIP	1000
2019	Dr. S. Nanda Kumar	Nano materials for Energy Harvesting and Storage ", Prof. Kaushik Pal IIT Roorkee	NPTEL , TEQIP	1000
2019	Dr. S. Gunasekaran	4 week NPTEL Course on "Introduction to Industry 4.0 and Industrial Internet of Things", by Prof. Sudip Mishra	NPTEL , TEQIP	1000
2019	Dr. S. Geetha	8 Week NPTEL Course on	NPTEL , TEQIP	1000

"Hardware modeling using Verilog", Prof. Indranil Sengupta IIT Kharagpur

[View File](#)

6.3.2 – Number of professional development / administrative training programmes organized by the Colleges 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)
2020	Executive Education Programme on "Case Study approach to Statistical Analysis using R Programming	-	05/03/2020	07/03/2020	85	Nil
2020	Alumni Technical webinar series 2	-	26/07/2020	26/07/2020	30	Nil
2020	Advanced Technologies In Transportation Engineering And Town Planning Series III	-	08/10/2020	14/10/2020	30	Nil
2020	Cold Form Steel In Construction Industry Series 2	-	16/12/2020	22/12/2020	30	Nil
2020	5th edition of International Conference (Online) on Renewable Energy Uti	-	16/12/2020	18/12/2020	125	Nil

	lization (ICREU 2020), in association with Oklahoma State University, Stillwater, USA,					
2020	TEQIP III Sponsored Three Day Faculty Development Programme on "Digitalization Initiatives for Next Generation Teachers"	-	22/03/2021	24/03/2021	120	Nil
2020	Webinar on The Journey to Container Orchestrator	-	30/06/2020	30/06/2020	8	Nil
2020	TEQIP-III sponsored two days International Online Faculty Development Program on "Recent Research Trends in Engineering Perspective" organized by Coimbatore Institute of Technology	-	12/08/2020	14/08/2020	45	Nil
2019	-	Computer Hardware / Software/Networking Training for CSE IT	13/12/2019	14/12/2019	Nil	10

		Lab Technician				
2020	-	Research Program organized by CIT-TLC Coimbatore and Department of Higher education, MHRD,GOI	08/01/2020	10/01/2020	Nil	11
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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
TEQIP III sponsored Industry Connect Hands-on workshop on "5G Technologies" during December 5th - 6th, 2019	7	05/12/2019	06/12/2019	2
One day webinar on "IoT: Paradigms and Solutions for Next Generation Smart Ecosystems-Digital future for the new normal" in collaboration with Intel, Bangalore on 12.08.2020	6	12/08/2020	12/08/2020	1
One day seminar on "Challenges in construction project management", sponsored by TEQIP III, organized by Coimbatore Institute of Technology,	7	27/03/2021	27/03/2021	1

Coimbatore.				
Two days FDP on "Green Building Materials for Sustainable Construction Approaches", sponsored by TEQIP III, organized by Coimbatore Institute of Technology, Coimbatore.	5	24/03/2021	25/03/2021	2
Two weeks Online course on Basics of MATLAB	3	22/04/2020	05/05/2020	14
Five days FDP on Inculcating Universal Human Values in Technical Education Organized by AICTE from June 14, 2021 to June 18, 2021.	2	14/06/2021	18/06/2021	5
Two days national level workshop on "Machine Learning Techniques", MCA department, CIT	3	03/01/2020	04/01/2020	2
Faculty Development Programme on Design, Develop Deliver MOOC courses through SWAYAM platform organised by NIEPA, New Delhi., NIEPA, New Delhi.	13	01/07/2019	06/07/2019	6
TEQIP-III Sponsored Two day Faculty Development Programme on Design, Develop and Deliver	21	23/04/2020	24/04/2020	2

online courses through MOODLE platform Jointly organized by Department of Technical Education State Project Implementation Unit - Tamil Nadu, CIT				
TEQIP-III Sponsored One Week STC on Retuning Industrial Challenges using IoT Deep Learning	38	23/11/2019	01/12/2020	7
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6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
290	290	140	140

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
<p>The Institute authorities bear in mind that the wellbeing of teaching and nonteaching staff is important for effective functioning of the Institute. In line with this, many welfare measures have been implemented as following:</p> <p>1. A 'Thrift Society' is functioning in the Institute to offer loans to needy staff at reasonable interest rate.</p> <p>2. A full-fledged dispensary is located within the campus. A male Pharmacist and lady pharmacist are available during working hours on all days. Two doctors (one gentleman and one lady) visit the dispensary for three days every week. Staff members can</p>	<p>The Institute authorities bear in mind that the wellbeing of teaching and nonteaching staff is important for effective functioning of the Institute. In line with this, many welfare measures have been implemented as following:</p> <p>1. A 'Thrift Society' is functioning in the Institute to offer loans to needy staff at reasonable interest rate.</p> <p>2. A full-fledged dispensary is located within the campus. A male Pharmacist and lady pharmacist are available during working hours on all days. Two doctors (one gentleman and one lady) visit the dispensary for three days every week. Staff members can</p>	<p>The Institute authorities bear in mind that the wellbeing of teaching and nonteaching staff is important for effective functioning of the Institute. In line with this, many welfare measures have been implemented as following:</p> <p>1. A 'Thrift Society' is functioning in the Institute to offer loans to needy staff at reasonable interest rate.</p> <p>2. A full-fledged dispensary is located within the campus. A male Pharmacist and lady pharmacist are available during working hours on all days. Two doctors (one gentleman and one lady) visit the dispensary for three days every week. Staff members can</p>

visit the Dispensary for medical help. Basic medicines are provided free. 3. The wards of the staff are given admission to B.E degree course/Diploma course based on merit from out of management Quota sanctioned by Govt. of Tamil Nadu. 4. The teaching staff of the Institute have a 'Faculty Club' wherein all members of faculty are members of the club. programmes and have an annual get together with the family members. 5. The nonteaching staff have an Association which organises certain holiday trips for the members. Faculty club and Nonteaching staff Association represent their grievances to the management and seek redressal. 6. Full-fledged canteen and small kiosks are available in the campus to provide food and snacks at reasonable price to the staff and students. 7. Indian Bank (one of the Nationalised Bank) Peelamedu Branch is located in the campus to cater to the banking needs of the staff and students. 8. The Auditorium and Conference Hall of the Institute are made available to the family functions of the staff conducted during holidays and outside office hours.

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6.4 – Financial Management and Resource Mobilization

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

Coimbatore Institute of Technology being a Government Aided Institution, the external audit for Government Aided programmes is carried out by Local Fund Audit Wing of Government of Tamil Nadu. The Local Fund Authority carries out the auditing once in 2 or 3 years depending on the availability of staff in their Department. Auditing of accounts for the years 2011-12, 2012-13 and

2013-14 was carried out in the year 2016. Auditing of accounts for the year 2014-15 was carried out in November 2017. Once in 5 years or so, staffs from Accountant General's office are deputed to check the accounts scrutinized by Local Fund Audit, in a random manner. Internal Financial Audit of funds pertaining to self-supporting programmes is carried out by the Auditor of V.Rangasamy Naidu Educational Trust running Coimbatore Institute of Technology. The Account section maintains the accounts for self supporting programmes as per the direction and guidelines of the Auditor.

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
ATAL-AICTE, CIT Management, Keysight Technologies	13311860	Faculty Development Programme and Research
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6.4.3 – Total corpus fund generated

6008177

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	Yes	Experts from Industries and Institutions	Yes	Principal
Administrative	Yes	Government	Yes	Management

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

Program Advisory Committee, Department Advisory Committee, Parents - Teachers Meeting

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

Financial support for Qualification up gradation Hands-on Training on E-Procurement Process.
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6.5.4 – Post Accreditation initiative(s) (mention at least three)

<ul style="list-style-type: none"> Academic Performance Index Exam Reforms Pertaining to the Examination System. It has been resolved in the standing committee of the Institute that Online Examination may be conducted for all the courses from the May/June 2020 Examinations. Relative grading has been implemented for award of internal marks from the odd semester of 2019-2020. Faculty and Students filed many patents and IPR in 2019-2020.
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6.5.5 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Yes
b)Participation in NIRF	Yes
c)ISO certification	Yes
d)NBA or any other quality audit	Yes

6.5.6 – 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
2020	4th Meeting of IQAC Cell	04/03/2020	04/03/2020	04/03/2020	25
2020	5th Meeting of IQAC Cell	26/08/2020	26/08/2020	26/08/2020	19
2020	6th Meeting of IQAC Cell	26/12/2020	26/12/2020	26/12/2020	18
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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
Know Your Rights	08/07/2020	08/07/2020	100	70
IRAIWI – International Women’s Day Celebrations	05/03/2020	05/03/2020	320	230
Breaking Stereotypes in Women	19/08/2019	19/08/2019	200	50
International Women’s Day Celebrations	08/03/2019	08/03/2019	480	100
Driving License Program	19/06/2019	19/06/2019	30	15

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
<p>1. Percentage of power requirement of the Autonomous College met by the renewable energy sources Power requirement met by renewable energy sources: 280kW Total power requirement: 4050.00units Renewable energy source: On Grid Solar Renewable energy generated and used: 1230 Units Energy supplied to the grid: 4050.00(Local Grid) 2. Percentage of lighting power requirement met through LED bulbs Total Lighting requirements: 168.05kW Percentage Lighting through LED bulbs: 12.4kW</p>

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	4500
Provision for lift	Yes	4500

Ramp/Rails	Yes	4500
Braille Software/facilities	No	0
Rest Rooms	Yes	4000
Scribes for examination	No	0

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
2019	1	1	29/08/2019	1	FIT INDIA MOVEMENT	The main purpose of this event is to provide awareness on physical fitness and healthy life	200
2019	1	1	29/09/2019	1	URIYAR PIRARKU	Various Extracurricular and Tamil language oriented events were conducted for their inter personal skill development and academic excellence. Sponsored a few things to fulfil their basic needs (in terms of survival	25

						and academic)	
2019	1	1	02/10/2019	1	SWACHH BHARAT	The main purpose of this programme was to make our college campus clean and make our students aware of the importance of cleanliness.	70
2019	1	1	12/09/2019	1	NALAM ANBUDAN	The idea behind this was to supply a whole range of nutritious food to the interested students at CIT and donate the profit thus obtained to needy children out there, thereby making a mutual gain.	300
2019	1	1	07/11/2019	1	DIABETES AWARENESS CAMPAIGN	This event was carried out on the occasion of which was celebrated on November 14th	50

every year. The awareness campaign was focussed to enlighten people about diabetes, its symptoms and remedies

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7.1.5 – Human Values and Professional Ethics

Title	Date of publication	Follow up(max 100 words)
Intra-College Event Nakshatra 2020	07/03/2020	The institution plans and organizes appropriate activities to increase consciousness about national identities and symbols Fundamental Duties and Rights of Indian Citizens and other constitutional obligations
Driving License Program	19/06/2019	The institution plans and organizes appropriate activities to increase consciousness about national identities and symbols Fundamental Duties and Rights of Indian Citizens and other constitutional obligations
Independence Day	15/08/2019	The institution plans and organizes appropriate activities to increase consciousness about national identities and symbols Fundamental Duties and Rights of Indian Citizens and other constitutional obligations
Republic Day	26/01/2020	The institution plans and organizes appropriate activities to increase consciousness about national identities and symbols Fundamental Duties and Rights of

		Indian Citizens and other constitutional obligations
Independence Day	15/08/2020	The institution plans and organizes appropriate activities to increase consciousness about national identities and symbols Fundamental Duties and Rights of Indian Citizens and other constitutional obligations
International Yoga Day	21/06/2019	The institution plans and organizes appropriate activities to increase consciousness about national identities and symbols Fundamental Duties and Rights of Indian Citizens and other constitutional obligations

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
INDUCTION PROGRAM	16/11/2020	29/11/2020	93
FIT INDIA MOVEMENT	29/08/2019	29/08/2019	200
SWACHH BHARAT	02/10/2019	02/10/2019	70
INTRA-COLLEGE EVENT NAKSHATRA 2020	07/03/2020	07/03/2020	700
URIYAR PIRARKU	29/09/2019	29/09/2019	25

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

? Paperless Office Paper manufacturing leads to deforestation and manmade climate change. Being aware of this consequence institute has taken various measures such as 1. Correspondence in CIT is in the form of digital. 2. Comprehensive UMS has been installed to handle all administrative activities of the institute. 3. Online submission of faculty member profile datasheet has also been introduced. ? Green Landscaping with Trees and Plants The institute comprises of 2,00,000 sq. ft. area for garden and lawn, with 5000 trees and plants. Age of certain trees inside the campus is more than 60 years. Pest control is carried out once in three months. Being an urban area, dense trees at CIT are homes for thousands of birds which during dawn and dusk, it is a treat for the eyes and ears for us. College campus is a nice place for bird watchers and ornithologist. Awareness on planting trees is regularly conducted by various clubs of CIT and saplings of plants are also distributed to students and staff. ? UTSAVA'18 THALIR 26.12.2018 Planted 25 trees in campus. ? Solid waste are collected daily in dustbins located around the campus, which is then dumped in pits. Organic wastes from hostel and canteen are collected separately and are later used as compost for plants. Liquid Waste Management Sewage water

treatment plant is installed in the campus for treatment of waste. Then the water is reused for gardening and restrooms thereby reducing the dependency on fresh water sources. Capacity of the treatment plant is 1,50,000 litre per day.

E-Waste Management E-Waste including computers, UPS, printers and other laboratory equipment's are collected disposed periodically to vendors. ? Rain water harvesting structures and utilization in the campus Water is elixir of life. Due to global warming owing to pollutions in different forms, there is a severe scarcity of water everywhere, so saving rain water has become an essential requirement. Institute is also committed to save rainwater within the campus considering to the surging demand for water. Rain water harvesting is done in the college campus at six rainwater harvesting tanks which are located around the institute, size of each tank ranging from 32042 to 226560 litre that accounts for a total capacity of 1259779.15 litre. It is also properly covered and maintained to avoid having stagnant water in the open. ? Green Landscaping with Trees and Plants Students and faculty of CIT has ample facility to use public transport. Conveyance is much easier as the college is situated in one of the arterial roads of Coimbatore. A Bus stop is located 5 meters away from the college main gate. Public transport is the main source of commute for faculty and students. Out buses are available at every 5 minutes to all parts of the city and other towns. For the safety of pedestrians, college ? campus has a paved 1500 meter long and 5 feet width pedestrian friendly road. ? Plastic Free campus Plastic free awareness program are conducted.

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

Best Practice # 1 Title of the Practice: Research Promotion Objectives To inculcate research culture among faculty members, conduct research with national and international grants extend the research benefits to student community and society as well, establish and run centres of Excellence in various research disciplines and obtain intellectual rights and patents The Context Knowledge drives the world with numerous innovations derived via intensive researches conducted in multiple domains. Thus, priority goes to research and innovations. There is an urgent need in Indian context to inculcate and motivate among students and faculty to focus on research and development for the Progress of India For every teacher of Higher Education, research is a continuous process is an indication of achievement and current knowledge. Research increases the credibility and respect of individuals. The Practice • MoU are signed with world renowned institutions to encourage collaborative research. • Financial assistance is offered to researchers for their research activities. • Research proposals are submitted and in turn in the college receive grants. • QIPCentre for research extends financial assistance to research scholars. • All departments are approved by Anna University as a Research centres for pursuit of Ph.D. degree. Evidence of Success • Centre of Excellence (CoE) in manufacturing science is established, supported by MHRD • Rs. 1663.82 Lakhs sponsored research grants are received • Rs. 195.91 Lakhs are earned through consultancy work. • MoU is signed with Bergen University College, Norway. Student mobility programme, Conference and collaborative research are carried out. • Series biennials International Conference are conducted with Oklahmoa State University, USA. • International and National conference are organized periodically. • Financial assistance by the management is provided to faculty members to present papers in conferences in India and Overseas. • Involvement of faculty in teaching the students allows limited time to pursuit research. Resources Required Finance is a major resource required for promoting research. As research involves establishment of research laboratories, visits, publication and registration fee and so on, timely support in this aspect from the Management and Administration is very essential. Better interaction with premier academic institution in India and

abroad. Best Practice #2 Title of the practice: Career Prospects Objectives To provide employment by inviting prospective industries. Making the Students industry ready in terms of Academic Excellence, Communication and SoftSkills. To motivate the students to become technopreneurs The Context Students studying in our college come from heterogeneous backgrounds with socioeconomic disparities. Efforts are taken to impart strong technical, communication, aptitude and analytical thinking. The Practice • Faculty and final year students conduct training classes on selected topics • "Data Coding Club" focuses on Competitive Coding • To enhance analytical and communication skills, trainers from reputed institutes are invited. • Some students lack motivation in attending placement trainings during prefinal year • Backlog of arrears of few students hinders them in gaining the eligibility of attending placement.

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

<http://www.cit.edu.in/placementcit/placement-cell/>

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

"Alumni of the Institute in combating the challenges of our nation and globe as well" The Diamond Jubilee celebrated in the year 2016 is reminding us the thousands of successful engineers graduated from CIT. Our alumni network is very big and its presence is very much felt and recognized wherever they work. Their roles and responsibilities clearly reiterate the Vision of the Institution. "The Institute strives to inculcate a sound knowledge in engineering along with realized social responsibilities to enable its students to combat the current and impending challenges faced by our country and to extend their expertise to the global arena"

Provide the weblink of the institution

<http://www.cit.edu.in/cit-alumini-association-citaa/>

8.Future Plans of Actions for Next Academic Year

- Improvement in Academic Performance and reforms
- Improvement in Teaching Learning Process
- Enhancement of Industry Institute interaction
- Performance appraisal using Academic Performance Index
- Online Teaching and virtual laboratory
- MoUs and industry collaboration
- Business incubation centres
- Problem based learning
- Corporate training
- International collaborations
- Faculty student startups and entrepreneurship promotions