



Yearly Status Report - 2018-2019

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	V SELLADURAI
Designation	Principal
Does the Institution function from own campus	Yes
Phone no/Alternate Phone no.	0422-2574071
Mobile no.	9629322277
Registered Email	principal@cit.edu.in
Alternate Email	selladurai.v@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																		
4. Whether Academic Calendar prepared during the year	Yes																		
if yes,whether it is uploaded in the institutional website: Weblink :	http://www.cit.edu.in																		
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-Dec-2019</td> </tr> </tbody> </table>						Cycle	Grade	CGPA	Year of Accrediation	Validity		Period From	Period To	1	A	3.09	2018	26-Sep-2018	26-Dec-2019
Cycle	Grade	CGPA	Year of Accrediation	Validity															
				Period From	Period To														
1	A	3.09	2018	26-Sep-2018	26-Dec-2019														
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															
1st Meeting of IQAC Cell	07-Mar-2018 1			25															

2nd Meeting of IQAC Cell	05-Jan-2019 1	22
3rd Meeting of IQAC Cell	04-Jul-2019 1	24
External Audit	09-Feb-2019 1	310

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

[View Uploaded File](#)

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	PMMMNMTT scheme MHRD, GoI	2018 1095	75000000

[View Uploaded File](#)

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

[View Uploaded File](#)

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

No

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

MoUs signed with industries, NPTEL Courses made mandatory for faculty members, Implemented open book end semester examination as per AICTE mandate, Econtent development for different courses, Industry Interaction enhanced

[View Uploaded File](#)

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
Enhancement of Industry Institute interaction	MoUs signed
Improvement in Teaching Learning Process	Faculty members completed NPTEL courses
Improvement in Academic Performance	Performance appraisal using Academic Performance Index
E-content Development	Appreciation from students well received

[View Uploaded File](#)

14. Whether AQAR was placed before statutory body ?

Yes

Name of Statutory Body	Meeting Date
IQAC PEER REVIEW COMMITTEE	30-Nov-2019

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	11341759422	Electrical and Electronics Engineering	10/12/2018
BE	11341759429/11341759431	B.E.ELECTRONICS AND COMMUNICATION ENGINEERING	15/12/2018
BE	11341759433	Computer Science and Engineering	29/12/2019
ME	11341759469	Computer Science and Engineering	29/12/2019
BTech	11341759437	Chemical Engineering	15/12/2018

Mtech	15079365777	Nanoscience and Technology	15/12/2018
BTech	1-1341759435	Information Technology	29/12/2019
MCA	1-1341759463	Computer Applications	15/12/2019
BE	1-1341759247	Civil Engineering	08/02/2019
BE	1-1341759425	Mechanical Engineering	15/12/2018
ME	1-1341759439	STRUCTURAL ENGINEERING	10/12/2018
ME	1-1341759451	ENVIRONMENTAL ENGINEERING AND MANAGEMENT	10/12/2018
ME	1-1341759465	CONSTRUCTION MANAGEMENT	10/12/2018
ME	1-1341759453	HEAT POWER ENGINEERING	10/12/2018
ME	1-1341759455	ADVANCED MANUFACTURING TECHNOLOGY	10/12/2018
ME	1-1341759459	EMBEDDED REAL TIME SYSTEMS&	10/12/2018
ME	1-1341759467	COMMUNICATION ENGINEERING	15/12/2018
MSc	-	SOFTWARE SYSTEMS	08/12/2018
MSc	-	DECISION AND COMPUTING SCIENCES D COMPUTING	08/12/2018
MSc	-	DATA SCIENCE	08/12/2018
No file uploaded.			

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	view attached file	01/06/2018	View attached file	01/06/2018
View Uploaded File				

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the Academic year

Programme/Course	Programme Specialization	Dates of Introduction
BE	view attached file	06/06/2018
View Uploaded File		

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	Electronics and Communication Engineering	04/06/2018
BE	Electrical and Electronics Engineering	04/06/2018
BE	Computer Science and Engineering	04/06/2018
BE	Civil Engineering	04/06/2018
BE	Mechanical Engineering	04/06/2018
BTech	Chemical Engineering	04/06/2018
BTech	Information Technology	04/06/2018
ME	ALL BRANCHES	04/06/2018

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
science of creativity, skill development and employability skills	06/06/2018	1584
View Uploaded File		

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	All Branches	276
View Uploaded File		

1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	Yes
Alumni	Yes
Parents	Yes

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

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	Programme Specialization	Number of seats available	Number of Application received	Students Enrolled
BE	All Branches	720	736	736
ME	All Branches	162	79	79
MSc	All Branches	180	176	176
MCA	Master of Computer Applications	45	30	30

[View Uploaded File](#)

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	Number of fulltime teachers available in the institution teaching only PG	Number of teachers teaching both UG and PG courses

			courses	courses	
2018	736	287	231	64	295

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
258	234	15	33	21	14
No file uploaded.					
No file uploaded.					

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. Tutorward mentoring system Methodology Facultyward ratio • 1:20 (Same faculty incharge 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 timetable) Activities • Adaptability with the system • Assistance in learning process, if needed • Progress and problems in teachinglearning • 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 wardoff student campus problems • Building relationships • Feedback to the course instructors to improve the teachinglearning 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/selfstudy courses/onecredit courses of their choice under the ChoiceBased 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
4015	232	1:17

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
332	295	37	19	117

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

Year of Award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
2019	Dr.R.Sathiskumar	Assistant Professor	Best Teacher Award from CIT
2019	Dr.M.Sangeetha	Associate Professor	"Best Professor", Girl Power Summit Award, Entrepreneurs Council of India.

2018	Dr. A.D.Chitra	Assistant Professor	Best Paper Award National Conference on Machine Learning and Artificial Intelligence (NCMLAI 2018)
View Uploaded File			

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	OCT/NOV 2018 (UG/PG)	15/12/2018	20/12/2018
BE	all	OCT/NOV 2018 (UG/PG)	04/02/2019	16/02/2019
BE	all	APR/MAY 2019 (UG/PG)	08/05/2019	15/05/2019
BE	all	APR/MAY 2019 (UG/PG)	26/06/2019	06/07/2019
View Uploaded File				

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
1911	60369	3.20%

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)

http://www.cit.edu.in

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	BE	All Branches	771	647	82.88
2	ME	All Branches	75	66	88
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)

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. R. Azarudeen
View Uploaded File

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
International	Dr. R. Azarudeen	Guest Researcher	10/10/2018	Western Norway University of Applied Sciences, Norway
No file uploaded.				

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	730	AICTE MODROBS	1315000	1315000
Major Projects	730	AICTE MODROBS	140000	140000
Major Projects	1095	AICTE (NDF RPS)	2100000	2100000
Major Projects	1095	AICTENDFRPS	2100000	2080320
Major Projects	730	AICTEMODROBS	1100000	1100000
Projects sponsored by the University	365	CITSeed Money	250000	250000
International Projects	1095	SIU Research Council of Norway	2000000	2000000
View Uploaded File				

3.2.2 – Number of ongoing research projects per teacher funded by government and non-government agencies during the years

6

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
One Day Workshop on Statistical Methods for Chemical Analysis	Mathematics	08/04/2019
One Day Workshop on Linear Algebra and Probability Towards Theory of Intelligent Systems	Mathematics	25/05/2019
The Art of Resilience and Interpersonal Skills	Humanities	13/07/2019

[View Uploaded File](#)

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
"IDENTIFICATION AND REHABILITATED FROM FUNGAL DISEASE AFFECTED PLANTS"	S.S.JAYAKRISHNA, S.LOGESHWARAN, T.ESWARA RAO	WYF (World Youth Federation).	15/10/2019	FIRST PLACE as Dr. KALAM YOUNG ACHIEVER AWARD2019
IoT based smart lock using face recognition	Syed umar.A, Charan .S	CIT	03/05/2019	Mini Project
Innovation	V.Tejoram	GCT	21/03/2019	Project presentation
Innovation	Nirdeshika narayani.s.	RamaKrishna engineering college	07/03/2019	Project presentation REWOP 19

[View Uploaded File](#)

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
Coimbatore Institute of Technology	Entrepreneurship Development Cell Entrepreneurship Development Cell	Technical Education Quality Improvement programme (TE QIPPHASE III) Ministry of	Slipper Shots	Ed Tech Startup Technology Startup Ed Tech Startup	28/02/2019

Micro ,
Small and
Medium
Enterprises
(MSME)

[View Uploaded File](#)

3.4 – Research Publications and Awards

3.4.1 – Ph. Ds awarded during the year

Name of the Department	Number of PhD's Awarded
Computing(SS)	2
Computer Science and Engineering	6
ECE	2
Computer Applications	3
Mechanical Engineering	9
Information Technology	1
Physics	6
Chemistry	2
Humanities	5
Chemical Engineering	2

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

Type	Department	Number of Publication	Average Impact Factor (if any)
International	Computing	6	2.93
International	Mathematics	7	0
International	MCA	4	0
International	Mechanical Engineering	22	2
International	Information Technology	8	1.37
International	Physics	19	2.09
International	Chemistry	4	2.75
National	Chemistry	1	0
International	Humanities	1	1
International	Chemical Engineering	10	2

[View Uploaded File](#)

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
EEE	12
Computing (DSC)	3
CSE	4

ECE	9
Mathematics	2
MCA	2
Mechanical Engineering	2
Information Technology	2
Humanities	5
Chemical Engineering	16
View Uploaded File	

3.4.4 – Patents published/awarded during the year

Patent Details	Patent status	Patent Number	Date of Award
A system and method for enhanced security for data transmission over a network through encrypting and a device for achieving the same	Filed	2018410297	17/08/2018
Thought tunes: : A MUSIC PLAYING SYSTEM AND DEVICE FOR SMART SENSING OF MIND STATE OF THE LISTENER AND PLAYING TUNES ACCORDINGLY	Published	2019410074	08/03/2019
Data driven automatic energy drink maker and ideal food menu recommended using ecological footprints	Published	2019410117	05/04/2019
An Internet of Things (IoT) based system for combining Aquaculture and Hydroponic Environments	Filed	2019410215	07/06/2019
An Internet of Things Based Device and System for Conservation and Preserving of Trees from Human Intervention Activities	Published	2019410055	02/02/2019
A System and Method for Enhanced Security For Data	Published	2018410297	17/08/2018

Transmission Over a Computer Network Through Encrypting and a Device For Achieving the same			
Shell and Tube Hyprid Double Cross Flow Heat Exchanger	Published	2019410219	14/06/2019
No file uploaded.			

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
Size controlled synthesis of TiO ₂ nanoparticles by modified solvothermal method towards effective photocatalytic and photovoltaic applications	Ramakrishnan V.M., Natarajan M., Santhanam A., Asokan V., Velupillai D.	Materials Research Bulletin	2018	27	Coimbatore Institute of Technology	27
Optimized costbased biomedical workflow scheduling algorithm in cloud	Mohanapriya N., Kousalya G.	Advances in Intelligent Systems and Computing	2018	0	Coimbatore Institute of Technology	0
Enhanced TCP NCE: A modified congestion events detection, differentiation and reaction to improve the end-to-end performance over MANET	Govindarajan J., Vibhurani N., Kousalya G.	Advances in Intelligent Systems and Computing	2018	5	Coimbatore Institute of Technology	5

Analysis of AESGCM cipher suites in TLS	Arunkumar B., Kousalya G.	Advances in Intelligent Systems and Computing	2018	0	Coimbatore Institute of Technology	0
3D contour fluorescence spectroscopy with Brus model: Determination of size and band gap of double stranded DNA templated silver nanoclusters	Kamalraj D., Yuvaraj S., Yoganand C.P., Jaffer S.S.	Superlattices and Microstructures	2018	0	Coimbatore Institute of Technology	0
Experimental studies on the performance of dehumidifier using calcium chloride as a liquid desiccant	Seenivasan D., Selladurai V., Arjunan T.V.	International Journal of Energy Technology and Policy	2018	0	Coimbatore Institute of Technology	0
An investigation on the tensile properties and microstructure of hybrid metal matrix composites	Suresh V., Hariharan N., Vellingiri S.	International Journal of Materials and Product Technology	2018	1	Coimbatore Institute of Technology	1
Influence of organic loading rates (OLR) in treatment of pulp and paper mill	Hemalatha D., Keerthinarayana S.	Tenside, Surfactants, Detergents	2018	0	Coimbatore Institute of Technology	0

wastewater with hybrid upflow anaerobic sludge blanket reactor (HUASBR) with hexagonal polypropylene inert material						
---	--	--	--	--	--	--

[View Uploaded File](#)

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
Size controlled synthesis of TiO ₂ nanoparticles by modified solvent thermal method towards effective photocatalytic and photovoltaic applications	Ramakrishnan V.M., Natarajan M., Santhanam A., Asokan V., Velauthapillai D.	Materials Research Bulletin	2018	7	22	Coimbatore Institute of Technology
Magnesium incorporated hydroxyapatite nanoparticles: Preparation, characterization, antibacterial and larvicidal activity	Gayathri B., Muthukumarasamy N., Velauthapillai D., Santhosh S.B., asokan V.	Arabian Journal of Chemistry	2018	7	15	Coimbatore Institute of Technology

[View Uploaded File](#)

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

Number of Faculty	International	National	State	Local
-------------------	---------------	----------	-------	-------

Attended/Seminars/Workshops	12	196	18	95
Presented papers	172	19	0	6
Resource persons	3	17	9	9
View Uploaded File				

3.5 – Consultancy

3.5.1 – Revenue generated from Consultancy during the year

Name of the Consultant(s) department	Name of consultancy project	Consulting/Sponsoring Agency	Revenue generated (amount in rupees)
Chemical Engineering	Biodiesel Sample	Mr. K.T. Ajith IV Year B.E. Automobile Engineering, Nehru Institute of Technology, Coimbatore 641 008.	3540
Chemical Engineering	UVVisible analysis	Mr. G. Anandaraj M. Arun Kumar, IV Year B.E. Petrochemical Engineering, JCT College of Engineering, Coimbatore	1180
Chemical Engineering	UVVisible analysis	Mr. R. Saravanan S. Sathyaseelan, IV Year B.E. Petrochemical Engineering, JCT College of Engineering, Coimbatore	1180
Chemical Engineering	Water Sample	Mr. N. Senthil Kumar 3/156, Perayan Kaadu, Perumanallur Coimbatore - 641 666	2950
Mechanical Engineering	FESEM Laboratory	Indusrty Acdemia	893098
Mechanical Engineering	CoEMS - Center of Excellence in Manufacturing Sciences	Indusrty Acdemia	54667
Mechanical Engineering	Welding Research Cell	Indusrty Acdemia	67000
Mechanical Engineering	Smart Manufacturing Center	Indusrty Acdemia	71264

Physics	Materials characterization	Educational Institutes	10284
Chemical Engineering	Water Sample	Mrs. K.M. Sudha, Commissioner - Additional charge, Municipal office, Udumalaipettai 642126	7080
Chemical Engineering	Water Sample	Mr. K. Rangarajan, 7/177, Kuttai Thottam, Keeranatham Puthupalayam, Keeranatham P.O. Coimbatore	3540
Chemical Engineering	Water Sample	The Commissioner, Municipal office, Udumalaipettai 642126	7080
Chemical Engineering	Water Sample	The Commissioner, Municipal office, Udumalaipettai 642126	7080
Chemical Engineering	Cement Sample	J. Shankar, Dept. of Civil Engg., Karpagam University, Coimbatore	3540
Chemical Engineering	Water Sample	The Commissioner, Municipal office, Udumalaipettai 642126	7080
Chemical Engineering	Polymer Sample	J. Shankar, Dept. of Civil Engg., Karpagam University, Coimbatore	3540
Chemical Engineering	Water Sample	The Commissioner, Municipal office, Udumalaipettai 642126	7080
Chemical Engineering	Water Sample	The Commissioner, Municipal office, Udumalaipettai 642126	63720
Chemical Engineering	Water Sample	Mr. V. Balaswamy 38, Anna Nagar 1st Street Ammankulam, Puliakulam Road Coimbatore - 45	1770
Chemical Engineering	Water Sample	The Commissioner, Municipal office, Udumalaipettai	7080

		642126	
Chemical Engineering	Water Sample	The Commissioner, Municipal office, Udumalaipettai 642126	7080
Chemical Engineering	Water Sample	The Commissioner, Municipal office, Udumalaipettai 642126	28320
View File			

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
ECE	Digital Transformation in Oil Gas fields	Schlumberger, Oilfield services company	7500	20
No file uploaded.				

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
One day camp trekking Iyer hills	NSS	5	100
NSS FEST 2019	NSS	5	65
Special camp PSG kanya Gurukulam school	NSS	5	100
Special camp Government Elementary school, RG pudur	NSS	5	100
Swatch Bharath	NSS	5	1
Anemia and Drug Awareness	NSS	5	1
Blood camp	NSS	5	2
Eye Camp	NSS	5	1
Awareness camp	NSS	5	3
Farmer's Day	NSS	5	3
Independence day Parade	NSS	5	3
International Day Against Drug Abuse and Illicit Trafficking	Health Awareness Camp jointly with Department of Community	7	170

	Education, Coimbatore Medical College, Coimbatore on 4th July 2018 during		
Campus Cleaning	NSS of CIT on 29th July 2018	5	120
Clean Campus (Plastic Wastes)	NSS of CIT on 26 August 2018	5	70
Tree Plantation	NSS of CIT on 04th September 2018	5	100
Anaemia Awareness Camp	NSS of CIT Jointly with Department of Transfusion Medicine, Coimbatore Medical College and Hospital Blood Bank, Coimbatore on 18th September 2018	8	80
Eye Checkup and eye donation awareness	NSS of CIT Jointly Lotus eye care hospital Coimbatore on 19th September 2018	5	150
Blood Donation Camp	NSS of CIT association SHANTHI SOCIAL SERVICE at Coimbatore on 25th September 2018	5	150
One Day Camp to Iyer Hills	NSS of CIT on 2nd October 2018	5	100
Pongal Day Celebrations	NSS of CIT Jointly With Student's Union	5	100
NAKSHATRA2K19 i. Swach Bharat ii. Uriyadi, iii. Mr. and Ms. Socialist, iv. FreezeQuiz on History and Political Science , v. Why Blood? Same Blood!, vi. Tug of war, vii. Kannamoochi Rey Rey, viii. Meme contest ix. Slogan writing x. Soap carving	NSS of CIT Jointly With Student's Union 1st March 2019	5	100
NSS FEST2K19"	NSS FEST a 3 day event	5	700

Health Check Up	NSS of CIT Jointly With Thulasi Pharmacy, Coimbatore on 21/03/2019	5	700
Awareness on Drug Addiction	NSS FEST a 3 day event	5	700
Special Camp	NSS of CIT Jointly With 01.04.2019 TO 07.04.2019 at PSGG KANYA GURUKULAM Girls School, Coimbatore	5	700
Special Camp	NSS of CIT Jointly With 11th April 2019 to 17th April 2019 at Elementary School , RG PUDUR School, Coimbatore	5	700
Special Camp	NSS of CIT Jointly With 11th April 2019 to 17th April 2019 at Elementary School , RG PUDUR School, Coimbatore	5	700
One DAY camp Creating Awareness for Trekking and yoga	NSS	5	100
International Day Against Drug Abuse and Illicit Trafficking	NSS	5	150
NSS Blood Donation Camp	NSS	5	170
Anaemia Awareness camp	NSS	5	80
Eye checkup and eye donation awareness camp	NSS	5	150
NSS Day 2018	NSS	5	10
NSS Blood Donation Camp	NSS	5	170
View File			

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
----------------------	-------------------	-----------------	------------------------------

Swachh Bharath	Participation	NSS	1
Anemia and Drug Awareness	Participation	NSS	1
Blood camp	Participation	NSS	2
Eye Camp	Participation	NSS	1
Awareness camp	Participation	NSS	3
Farmer's Day	Participation	YRC	3
Independence day Parade	Participation	RSP	3
View File			

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
One Student One Tree	MHRD	Tree planting activity	2	120
One Student One Tree	RSP	Driving License Program(RSP)	10	80
One Student One Tree	RSP	IRSC TRAINING(RSP)	10	40
One Student One Tree	RSP	Appreciation ceremony(RSP)	10	50
One Student One Tree	RSP	Presentation event(RSP)	10	45
One Student One Tree	RSP	Diwali Duty(RSP)	2	20
One Student One Tree	RSP	COIN IT UP(RSP)	10	20
One Student One Tree	RSP	SKILLOVATION(RSP)	10	22
One Student One Tree	RSP	INTRA COLLEGE FEST	10	50
One Student One Tree	RSP	KONIAMMAN CART SECURITY(RSP)	2	12
Swachh Bharat	CIT	Swachh Bharath	0	1
Swachh Bharat	CIT	Anemia and Drug Awareness	0	1
Swachh Bharat	CIT	Blood camp	0	2
Swachh Bharat	CIT	Eye Camp	0	1
Education Awareness program	Sai Vidya Mandir Nursery School, Coimbatore	Awareness camp	0	3

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
Student Project Internships at University of Washington, USA	Students	Self	210
Proposal submission PiChain Labs	Dr.A.Kannammal	Applied to Ministry of Electronics IT	30
Proposal Submission University of Washington, USA	Dr.A.Kannammal	Applied to DST (SPARC)	30
Student Exchange (MBM Engineering College Jodhpur to CIT)	19	TEQIP III	47
Faculty Exchange (CIT to MBM Engineering College Jodhpur)	3	TEQIP III	1
Internship	B.Akshaya	Self	12
Internship	N.Amrita	Self	69
Internship	A.Shruthi	Self	12
Internship	S. Ashwin	Self	12
Internship	Aditya Subramanian	Self	12
Internship	K.Periyasamy	Self	205
Internship	B. Bency Abiya	Self	170
Internship	S. Sujitha	Self	170
Twinning Program at MBM College, Jodhpur	"Students-40 Resource Person-2 "	TEQIP III	1
Student Exchange	Venkatraman M R	Research Council of Norway	90
Student Exchange	Akila Y	Research Council of Norway	90
Student Exchange	Vinoth Pandi D	Research Council of Norway	90
Student Exchange	Selvakumar P	Research Council of Norway	90
Student Exchange	Akshaya SR	Research Council of Norway	90
Student Exchange	Yuvaraj S	Research Council of Norway	90

Student Exchange	Selvakumar P	Research Council of Norway	90
Student Exchange	Pavithrakumar P	Research Council of Norway	90
Student Exchange	Vinoth Pandi D	Research Council of Norway	90
Faculty exchange	Dr. R. Azarudeen	UTFORSK Project, Norway	90
View File			

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	Project Work	View Attachment	01/06/2018	30/11/2018	View Attachment
Internship	Implementation of Web Server Using Java	View Attachment	14/11/2018	03/12/2018	View Attachment
View File					

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
Utvyakta Solutions Private Limited, Coimbatore	05/12/2018	Research and Development	1
pi chain innovation pvt limited, Bangalore	19/11/2018	Research and Development	3
RedHat	03/12/2018	RedHat academy Course	200
ZanComputech, Coimbatore	05/12/2018	Consultancy, Internship and Placement	2
Capial Engineering consultancySharjah, UAE	09/08/2019	Organization of joint conferences and seminars, sharing of RD facilities,	0
View File			

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	39096918

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Campus Area	Existing
Class rooms	Newly Added
Laboratories	Newly Added
Seminar Halls	Existing
Classrooms with LCD facilities	Newly Added
Seminar halls with ICT facilities	Existing
Video Centre	Existing
Value of the equipment purchased during the year (rs. in lakhs)	Newly Added
Classrooms with Wi-Fi OR LAN	Newly Added
Number of important equipments purchased (Greater than 1-0 lakh) during the current year	Newly Added
No file uploaded.	

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
Coimbatore Institute of Technology	Partially	3.22 upgraded to 16.05	2010
AutoLib Software Systems	Partially	AEEDL 2.1	1997

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	77551	32533818	2058	1288341	79609	33822159
Reference Books	5436	16143874	64	22360	5500	16166234
View File						

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. N. RajamRamaswamy	Engineering Mechanics	Youtube	28/01/2019

Faculty of Civil Engineering	Structural Engineering	ARPIT/SWAYAM	11/02/2018
Faculty of Physics	Lab Experiments	Youtube	23/09/2019
View File			

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	1489	29	7	3	3	2	7	155	0
Added	403	5	1	1	0	0	0	0	0
Total	1892	34	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
Physics Laboratory Experiments demonstration.	https://www.youtube.com/channel/UCdddNjRwMyFdq01SoEV836Q
Ideal CSTR Separator Recycle process problem GATE 2019	https://www.youtube.com/watch?v=-ZDdRd4EOPQ
Adiabatic Ideal CSTR problem GATE 2019 WhatIf Analysis in Excel Chemical Reaction Engineering	https://www.youtube.com/watch?v=hbykeTxxbc&t=6s
Ideal reactor problem GATE 2019 Chemical Reaction Engineering Excel	https://www.youtube.com/watch?v=8jKRJmoAY-8
GATE 2019 Chemical Reaction Engineering segregated model Trapezoidal Rule using excel	https://www.youtube.com/watch?v=JBEVl7NukUE&t=3s
GATE 2019 Chemical Engineering Thermodynamics using EXCEL	https://www.youtube.com/watch?v=gagGzincVlw&t=16s

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
75000000	73400469	45000000	44049041

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 9amto 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 wellequipped 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. A t 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.

<http://www.cit.edu.in>

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	National Level SAE events BAJA SUPRA 201819, Endowment Prizes	59	393930
Financial Support from Other Sources			
a) National	Scholarship, award	533	4067859

b) International	nil	0	0
View File			

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

Name of the capability enhancement scheme	Date of implementation	Number of students enrolled	Agencies involved
English Employability and Placement Training	09/01/2018	909	View Attachment
View File			

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	View Attachment	700	700	196	475
View File					

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
View Attachment	889	475	View Attachment	27	25
View File					

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
2019	24	B.E	View Attachment	View Attachment	View Attachment
View File					

5.2.3 – Students qualifying in state/ national/ international level examinations during the year (eg: NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

Items	Number of students selected/ qualifying
-------	---

GATE	11
GRE	5
CAT	1
Civil Services	2
TOFEL	4
GMAT	2
View File	

5.2.4 – Sports and cultural activities / competitions organised at the institution level during the year

Activity	Level	Number of Participants
Cultural and Sports	College Level	2000
View File		

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
2019	District	National	160	160	View Attachment	View Attachment
View File						

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 for the academic year 20182019 was held on 21.08.2018. All second, third and final year B.E./ B.Tech and M.Sc students participated 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 for the year 20182019. Final year civil Vishnu Varthan,V. (1501109) was elected for the position of student's union chairman. 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. Department of civil engineering had appointed final year Civil Engineering excel students with 9 CGPA as student placement coordinators. 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 This is the event conducted every semester held on the day 18.09.2018, Tuesday. The movie "HIDDEN FIGURES" was screened which was taken based on a true story. The story was about three black American women who played a pivotal role in the space programs of NASA during the space race in 1960s. A must watch film for UPSC aspirants as it talks about racism

and women empowerment. It also portrays the power of an Engineer and his capability. The movie started at 5:00pm and the number of participants is 28. 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. It was conducted on March 6th, 2019 in Main Block Lawn. 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 1965-80 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 oncampus lectures or motivation through an inperson 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 a 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. Alumni of 1995 batch contributed an amount of Rs.5, 00,000 towards the construction of

5.4.2 – No. of registered Alumni:

1103

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

314012

5.4.4 – Meetings/activities organized by Alumni Association :

Alumni meetings has been conducted in the following dates for the Academic year 201819 and 201920 1. 02.02.2018 2. 23.02.2018 3. 27.08.2019 4. 01.02.2019 5.01, 18.03.2019 6. 28.02.2019 7. 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 decentralize 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 preplacement 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

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

Yes

6.2 – Strategy Development and Deployment

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

Strategy Type	Details
Curriculum Development	<p>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 indepth 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.</p>
Teaching and Learning	<p>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 incharge 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.</p>

<p>Examination and Evaluation</p>	<p>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 2018 - 2019. 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 Oct/Nov 2019 Examinations</p>
<p>Research and Development</p>	<p>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 Postdoctoral research in current areas.</p>
<p>Library, ICT and Physical Infrastructure / Instrumentation</p>	<p>The main objective of the CIT library is to provide information services and access to print and eresources 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 ejournals, CDROMs, online 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</p>

	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
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
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. Twentyeight days Inplant training during vacation is mandatory for students. Entrepreneur Development Cell (EDC) conducts training and workshops for students.
Admission of Students	Admission of students are carried out based on the polices framed by Government and through general counselling conducted by the Government of Tamilnadu.

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

E-governance area	Details
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 <p>Vendor: Kasbah Systems Software, 4A, RR Land Mark,, 1E, Udayampalayam Road, Coimbatore, Tamil Nadu 641028 Year of Implementation: 2013</p>
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
 - Class Time Table and Faculty allotment
 - Maintenance of Students' Attendance includes OnDuty 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.

Vendor:Kasbah Systems Software, 4A, RR Land Mark,, 1E, Udayampalayam Road, Coimbatore, Tamil Nadu 641028 Year of Implementation:2013

Finance and Accounts

The following operations of finance and accounts are implemented in UMS.

- 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

Vendor:Kasbah Systems Software, 4A, RR Land Mark,, 1E, Udayampalayam Road, Coimbatore, Tamil Nadu 641028 Year of Implementation:2013

Student Admission and Support

Students admission in CIT is carried out through the UMS. All the details of students related to admission such as personal, academic and documents 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.

Vendor:Kasbah Systems Software, 4A, RR Land Mark,, 1E, Udayampalayam Road, Coimbatore, Tamil Nadu 641028 Year of Implementation:2013

Examination

- 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. Vendor:Kasbah Systems Software, 4A, RR Land Mark,, 1E, Udayampalayam Road, Coimbatore, Tamil Nadu 641028 Year of Implementation:2013

6.3 – Faculty Empowerment Strategies

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

Year	Name of Teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
2019	View Attachment	View Attachment	View Attachment	839109
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)
2019	View Attachment	View Attachment	04/01/2018	10/01/2018	320	45
View File						

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
NPTEL ,FDP, Workshop	300	04/06/2018	28/09/2018	84
View File				

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

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
83	213	87	73

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
The Institute authorities bear in mind that the wellbeing of teaching and nonteaching staff is important for	The Institute authorities bear in mind that the wellbeing of teaching and nonteaching staff is important for	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:

1. A 'Thrift Society' is functioning in the Institute to offer loans to needy staff at reasonable interest rate.
2. A fullfledged 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 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 Tamilnadu.
4. The teaching staff of the Institute have a 'Faculty Club' wherein all members of faculty are members of the club. They conduct cultural 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. Fullfledged 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

effective functioning of the Institute. In line with this, many welfare measures have been implemented as following:

1. A 'Thrift Society' is functioning in the Institute to offer loans to needy staff at reasonable interest rate.
2. A fullfledged 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 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 Tamilnadu.
4. The teaching staff of the Institute have a 'Faculty Club' wherein all members of faculty are members of the club. They conduct cultural 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. Fullfledged 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

effective functioning of the Institute. In line with this, many welfare measures have been implemented as following:

1. A 'Thrift Society' is functioning in the Institute to offer loans to needy staff at reasonable interest rate.
2. A fullfledged 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 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 Tamilnadu.
4. The teaching staff of the Institute have a 'Faculty Club' wherein all members of faculty are members of the club. They conduct cultural 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. Fullfledged 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.

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.

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.

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 Tamilnadu. 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 201112, 201213 and 201314 was carried out in the year 2016. Auditing of accounts for the year 201415 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 selfsupporting 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
VRET, CIT Management	10693251	Towards Salary
View File		

6.4.3 – Total corpus fund generated

302616842

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	Expert from Industries and Institutions	Yes	Principal
Administrative	No	Nil	No	Nil

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

Programme Advisory Committee / Department Advisory Committee

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

- Financial support for Qualification up gradation.
- Handson Training on

EProcurement Process.

6.5.4 – Post Accreditation initiative(s) (mention at least three)

• Academic Performance Index • Exam Reforms 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 Oct/Nov 2019 Examinations. Relative grading has been implemented for award of internal marks from the odd semester of 2018 - 2019. • Institute Innovation Council o Workshop on IPR for Students and Faculty members on 10th January 2019, 10.30 am to 12.30 pm by Manivasakam Ramaswamy, Assistant Controller of Patents, Indian Patent Office. Chennai.

6.5.5 – Internal Quality Assurance System Details

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

6.5.6 – 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
2019	Patent registration of Faculty and Student	05/01/2019	05/01/2019	05/01/2019	20

[View File](#)

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
Hurdles of A Woman Entrepreneur	11/07/2018	11/07/2018	100	85
Role of Women Entrepreneurs	25/09/2018	25/09/2018	80	60
Mission Pink	03/10/2018	03/10/2018	325	0
Write Your Decibel	15/02/2019	15/02/2019	70	0
Be Fit With A Kick	06/03/2019	06/03/2019	50	0
Women's Day	08/03/2019	08/03/2019	340	200
"Bhaiyaa" on RakshaBandhan	23/08/2018	23/08/2018	50	60
Driving License Program	06/08/2018	06/08/2018	35	45

IRSC TRAINING	28/01/2019	28/01/2019	20	20
---------------	------------	------------	----	----

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: OnGrid 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	4500
Scribes for examination	Yes	2

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
2018	1	1	07/10/2018	1	"Uriyar Pirarkku" A program for Orphanage Children	Various Extracurricular and Tamil language oriented events were conducted for their interpersonal skill development and academic excellence. Sponsored a few things to fulfil their	250

						basic needs (in terms of survival and academic)	
2018	1	1	25/12/2018	1	Utsava'18 NammilOruvar	Provided the needed things to orphanage	250
2018	1	1	27/07/2018	1	Karam Kodu	Conducted Fun events and provided food to the oldage home	250
2018	1	1	23/12/2018	1	Farmers day	Farmers day specialRestoration of natural v egetation around the Vellalore lake along with Kova ikulangal Trust	250
2018	1	1	15/10/2018	1	ANNA UNIVERSITY INTER ZONE ATHLETIC MEET 2018	20 engi neering colleges in coimba tore had participa ted	400
2018	1	1	03/06/2018	1	UPSC Civil services Examinati on (preli minary)	Provided facility for condu cting exams for 480 candi dates in our campus	28
2019	1	1	27/01/2019	1	Nalamud anvaazha	Visit to Ozanam Oldage	250

						home and conducted yoga classes	
2019	1	1	01/02/2019	10	2nd CIT COVAI TIES 2019	Covai TIES2019 Inter Engineering College Sports and Games	350
2019	1	1	09/03/2019	2	CIT ALUMNI TROPHY	20 colleges in and around Coimbatore participates in the event.	200
No file uploaded.							

7.1.5 – Human Values and Professional Ethics

Title	Date of publication	Follow up(max 100 words)
Academic Diary 201819 for all students	01/06/2018	A code of conduct for students is illustrated in the Academic Diary
Independence day	15/08/2018	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
Appreciation ceremony	22/09/2018	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
Presentation event	04/10/2018	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
Diwali Duty	01/11/2018	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	26/01/2019	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
Coin It Up	02/02/2019	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
Skillovation	07/02/2019	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
Intra College Fest Nakshatra	01/03/2019	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
Koniamman Cart Security	06/03/2019	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
CIT SPORTS DAY2K1819	16/03/2019	Number of activities conducted for promotion of universal values (Truth, Righteousness, conduct, Love, Nonviolence and peace) national values, human values, national integration, communal harmony and social cohesion as well as for observance of fundamental duties the 201819
Mini Marathon	08/03/2019	Number of activities conducted for promotion of universal values (Truth, Righteousness, conduct, Love, Nonviolence and peace) national values, human values, national integration, communal harmony and social cohesion as well as for observance of fundamental duties the 201819
Eye checkup and eye donation awareness camp	19/09/2018	Number of activities conducted for promotion of universal values (Truth, Righteousness, conduct, Love, Nonviolence and peace) national values, human values, national integration, communal harmony and social cohesion as well as for observance of fundamental duties the 201819
Blood donation camp along with Shanti Social Service	25/09/2018	Number of activities conducted for promotion of universal values (Truth, Righteousness, conduct, Love, Nonviolence and peace) national values, human values, national integration, communal harmony and social cohesion as well as for

		observance of fundamental duties the 201819
One day camp - Trekking towards the importance of forest and natural health	02/10/2018	Number of activities conducted for promotion of universal values (Truth, Righteousness, conduct, Love, Nonviolence and peace) national values, human values, national integration, communal harmony and social cohesion as well as for observance of fundamental duties the 201819
Special camp by NSS - THEME :HEALTHY YOUTH FOR HEALTHY INDIA	11/04/2018	Number of activities conducted for promotion of universal values (Truth, Righteousness, conduct, Love, Nonviolence and peace) national values, human values, national integration, communal harmony and social cohesion as well as for observance of fundamental duties the 201819

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Step In	13/02/2019	13/02/2019	143
Golden Hands 2.0	24/02/2019	24/02/2019	43
Interactive Session with IFS Officer	14/02/2019	14/02/2019	155
NAKSHATRA 2019	01/03/2019	02/03/2019	79
International Day Against Drug Abuse and Illicit Trafficking	04/07/2018	04/07/2018	150
Swachh Bharat campus Cleaning	29/07/2018	29/07/2018	120
Anaemia and Life Style Modification to Prevent Anemia	18/09/2018	18/09/2018	80
Environment Day Celebration	04/06/2018	04/06/2018	43
Kalam Sir's Remembrance Day	27/07/2018	27/07/2018	38
Interactive Session on TNPSC	28/07/2018	28/07/2018	54

and UPSC Exams			
Youth Parliament	15/08/2018	15/08/2018	40
Interactive Session with IFS Officer	20/08/2018	20/08/2018	53
A Manifesto for Change (An Interactive Session with Dr.Ponraj)	24/09/2018	24/09/2018	175
UPSC Aspirants Meet 1	22/12/2018	22/12/2018	47
UPSC Aspirants Meet 2	07/01/2019	07/01/2019	29
INSPIRA 2019	28/01/2019	30/01/2019	58
No file uploaded.			

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

Green Practices ? Students and staff using a) Bicycles b) Public Transport c) Pedestrian Friendly Roads ? Plastic Free Campus ? Paperless Office ? 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.

Waste Management steps using ? Solid Waste Management ? Liquid Waste Management ? Ewaste Management Solid Waste Management 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. EWaste Management EWaste 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 liter. It is also properly covered and maintained to avoid having stagnant water in the open.

PlasticFree campus Plastic free awareness program are conducted by students of CIT every year. Usage of plastics is refrained inside the campus. Plastic bags are banned in the areas like canteen and stationery stores. Students through Road Safety Road (RSP) and Rotaract club are involved to retain the campus plastic -free.

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. • NIRF ranking of the institution: 2018:62nd rank Problems Encountered 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 Practices followed to Evidence of success <http://www.cit.edu.in/wpcontent/uploads/2018/09/7.2.pdf> Problems Encountered • 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. • Timing of placement Resources Required • Dedicated Counselling to surmount students who derail from academics. • Conduct meetings to create awareness among parents about the importance of placements trainings

BEST PRACTICE 3: Training Programme for Faculty Members CIT has recognised as one of the Teaching Learning Centre by MHRD under the Pandit Madan Mohan Malviya National Mission on Teachers and Teaching (PMMMNMTT) scheme. TLC's vision is to achieve academic excellence in imparting teaching learning techniques to faculty members of technical institutions. The aim of TLC is to provide training in pedagogy to young teachers, to offer Management Capacity Enhancement Programme (MCEP) to senior teachers, to expose the teachers to state of the art techniques relating to assessment and evaluation, to prepare the teachers to offer holistic training to the students and to groom teachers to maintain/practice high ethical standards in teaching learning process

Objectives To improve technical content of teachers in Technical Institutions across the geographical region. To motivate teachers for higher learning and involve in research To disseminate novel project ideas To discuss latest updates/developments in subjects To improve effective teaching/presentation skills To prepare industry relevant course contents To carry out result analysis before and after the course To offer supplementary tools - Tutorials (Hands on Training) To make demos for specific requirements of teachers To impart time management skills

BEST PRACTICE 4: E Content Development and Usage All India Council for Technical Education (AICTE) has approved Rs.4881374.00 to establish E Learning Centre in Coimbatore Institute of Technology under E Learning Centre for Technical Education (ELCTE) Scheme in December, 2016. **Objectives** To enhance teaching and learning by using Electronic media, information and communication technologies in education. **Activities** • Coimbatore Institute of Technology has decided to conduct a series Faculty Development Programme (FDP) for EContent Development through CIT E Learning Centre. As the first phase, we have conducted a Five Day Faculty Development Programme on 'EContent - Design Development' on 23rd to 27th July, 2018 for the faculty members various departments of CIT. • CIT is approved as one of the National Resource Centres (NRC) in India by MHRD, GoI to develop the Annual Orientation Programme for Higher Education Faculty through SWAYAM online portal in May, 2018. CIT is allotted to develop the E Learning material in the discipline of 'Structural Engineering'. Since CIT established E Learning Centre it will be helpful to develop the online material for SWAYAM portal. • First year faculty members are started developing EContent for various subjects through E Learning Centre. • The developed learning materials (EContent, Video Lecturers) in E Learning centre will be shared among students for better learning. **Application** • To prepare teaching - learning material (EContent). Development of these materials will help improve learning by students. • To develop EResources for Engineering Science subjects. • To develop online materials in the discipline of Structural Engineering for all higher education teachers through MOOCs using SWAYAM platform. **Facilities** • Camera (1080p with 60 FPS) • 4K Interactive Display • 13" Wacom Interactive Pen Display • LED TV • Lectern for Presentation • Wireless Microphone Speakers • Professional Studio Headphone • Audio Interface Digital Mixer • Audio/ Video HD Switcher • High Configuration PC with Video Audio Editing Software

BEST PRACTICE 4: NSS Activities The College has FIVE Active NSS Units, namely Unit 1 to Unit 5 under the able leadership of two Programme Officers. Both the Units are actively engaged in several activities within and outside the college. Some of these are: International Day against Drug Abuse and Illicit Trafficking on 04.7.2018 Awareness programme on 18.09.2018 Every year regular blood donation

camp are conducted (20182019: 25/09/2018) BEST PRACTICE 6: Maintenance of Environment Friendly campuses The college campus is environment friendly green campuses. The campus has lots of perennial and seasonal plant species. The college regularly maintains these plants species. The Green Audit is in progress. The Green book to be uploaded in the college website. The campuses are tobacco and plastic free zones. The college also maintains precaution in making disposal of the laboratory wastes. All chemical fertilizers are replaced by biofertilizers for use in the college campus. BEST PRACTICE 7: Focus on 'Whole Person Development' for students Students provided with several opportunities to showcase and utilize their latent talents. The college provides opportunities to bring out student creativity through several activities are constantly organised on campus through various clubs on campus. Currently the college has 22 clubs on campus. BEST PRACTICE 8:Efficient Energy Utilization and Conservation The Efficient Energy Utilization use and conservation is taken care by the department of EEE under the guidance of Dr. S. Elango, Certified Energy Auditor (BEE), Associate Professor, Department of EEE. The opportunities for energy saving is done by energy audit with the consent of Principal and Management. Objectives of the Practice To reduce the energy bill by energy efficient measures of the lighting, fans and electrical equipment. To utilize the renewable energy sources to the maximum extent. To promote the awareness on energy conservation to the students staff and make them to do projects using renewable energy. The Context A set of faculties are available in CITPower house, CIT campus. The team takes care of efficient energy utilization through proper maintenance of all electrical equipment, study for the lighting system and fans, Diesel Generator (DG) sets, the opportunities for installation of solar system. The staff and students are motivated to do research and projects with renewable energy. The Practice Regular maintenance for transformers and B check for DG sets are done at right time. All CFLs and T5 lights are replaced with LEDs. Energy efficient fans are decided for purchase. The installation of solar system is done in a phased manner. Funded projects of students and staff Evidence of Success From the maintenance records, the performance of the electrical equipment is good. The purchases as of now for lighting system are LEDs and for fans energy efficient fans. The solar system now is 167 kW in the campus.

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>

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" A list of a few notable alumni of the institute is given below, considering the space constraint.

Provide the weblink of the institution

<http://www.cit.edu.in>

8.Future Plans of Actions for Next Academic Year

Enhancement of Industry Institute interaction Improvement in Teaching Learning
Process Improvement in Academic Performance Faculty student startups and
entrepreneurship promotion