



# Yearly Status Report - 2018-2019

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	

2/25/2019 https://assessme	entonline.naac.gov.in/public/index.php/postaccreditation/aqarFilledData/eyJpdil6IlwvU0h6ZmNqcGc2Q0x2OTM1N	
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

Cvcle	Grade	CGPA	Year of Accrediation	Vali	dity
Cycle	oi ade	CGFA	real of Accrediation	Period From	Period To
1	A	3.09	2018	26-Sep-2018	26-Sep-2023

6. Date of	
Establishment of	07-Mar-2018
IQAC	

# 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-	25	

	2018 1	
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

# 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

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9. Whether composition of IQAC as per latest NAAC guidelines:	Yes
Upload latest notification of formation of IQAC	View File
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	Yes

institutional website	
Upload the minutes of meeting and action taken report	View File
11. Whether IQAC received funding from any of the funding agency to support its activities during the year?	No

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

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

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

Plan of Action	Achivements/Outcomes
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

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

No

to assess the functioning?	entonime.naac.gov.iii/public/index.pnp/postaccreditation/aqarFilledData/eyJpdilollwv0011oZmiNqcGc2Q0x2OTWTN.
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 descripiton 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 Admission. • Course Management / Study Plan • Student Admission. • Course Management / Study Plan • Student Admission. • Course Management / Student Placements. • Alerts Notification Management • Hostel Management System. • Sponsor Management • Hostel Management • 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

BE			
BE 11341759429/11341759431 B.E.ELECTRONICS AND COMMENGINEERING  BE 11341759433 Computer Science and English Brech 11341759469 Computer Science and English Brech 11341759437 Chemical Engineer Mtech 15079365777 Nanoscience and Tech		Programme Code	Programme Specialization
BE         11341759429/11341759431         ENGINEERING           BE         11341759433         Computer Science and Engineer           ME         11341759469         Computer Science and Engineer           BTech         11341759437         Chemical Engineer           Mtech         15079365777         Nanoscience and Tech	BE	11341759422	Electrical and Electronics Eng
ME 11341759469 Computer Science and English BTech 11341759437 Chemical Engineer Mtech 15079365777 Nanoscience and Tech	BE	11341759429/11341759431	B.E.ELECTRONICS AND COMMUNICE ENGINEERING
BTech 11341759437 Chemical Engineer Mtech 15079365777 Nanoscience and Tech	BE	11341759433	Computer Science and Engine
Mtech 15079365777 Nanoscience and Tech	ME	11341759469	Computer Science and Engine
	BTech	11341759437	Chemical Engineering
MSc 033 Decision and Computing	Mtech	15079365777	Nanoscience and Technolo
Decibion and compacing	MSc	033	Decision and Computing Scie
BTech 1-1341759435 Information Technol	BTech	1-1341759435	Information Technology
MCA 1-1341759463 Computer Applicati	MCA	1-1341759463	Computer Applications

## View File

1.1.2 - Programmes/ courses focussed on employability/ entrepreneurship/ skill development du

Programme with Code	Programme Specialization	Date of Introduction	Course with Co

#### View File

## 1.2 - Academic Flexibility

1.2.1 - New programmes/courses introduced during the Academic year

Programme/Course	Programme Specialization	Da
No Data Entered/Not Applicable !!!		

#### View File

1.2.2 - Programmes in which Choice Based Credit System (CBCS)/Elective Course System implem during the Academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation o Syste
No Data Entered/Not		

## 1.3 - Curriculum Enrichment

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

Value Added Courses	Dat	e of Introduction			Number of S
	No Data	Entered/Not	Appli	icable	111
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#### 1.3.2 - Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Fie
BE	Civil Engineering	9

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#### 1.4 - Feedback System

1.4.1 - Whether structured feedback received from all the stakeholders.

Students	
Teachers	
Employers	
Alumni	
Parents	

1.4.2 - How the feedback obtained is being analyzed and utilized for overall development of the words)

#### Feedback Obtained

The feedback on curriculum aspects and courses is collected from dif such as the Students, Alumni, Faculty and Employers. Institution est Council in order to ensure and analyze the academic excellence at st levels. Periodical analysis is made by Academic Council from the fol performance, faculty performance in every semester, utilization of i requirements for quality enrichment. The institution thoroughly revi through Board of Studies (BoS) meeting at department level for every reinforce the curriculum by incorporating technology updates and als to the societal issues. It also collects the feedback physically from Students, Parents and Teachers on Curriculum through structured ques all students provide feedback through Autonomous Management System. conducts annual Alumni Meet (through OSAN day) in which suggestions received from Alumni students. Feedback from industrial management, and professionals is obtained through separate feedback forms. The p data is presented to the Academic Council Meeting for necessary impl curriculum. • Alumni surveys are conducted during alumni interaction association meeting held every year • Whenever any alumni visits the is taken • Further, college website invites alumni to provide feedba • Feedback from industry, R D establishments, professional bodies al FEEDBACK ANALYSIS: The data is analyzed and their suggestions are co before the Academic Council Committee for discussion and for possibl the curriculum. Academic Council Committee is formed to assess three viz., Faculty Performance, Students Support System and Evaluation. 1 review meeting is conducted to enrich the curriculum. Action Taken ( stack holders: After collecting and assessing the feedback from the holders on curriculum aspects, the valuable suggestions if any, will Controller of Examination to make possible changes in the course sta curriculum regulation. Based on the feedback from stack holders Facu Programs are organized every year to enhance the professional compet pedagogy of the faculty. Curriculum is enriched through summer / wir mini projects / student conferences and technical symposiums in the Institution implemented the following to enrich the curriculum aspec Choice Based Credit System to learn soft core elective courses, prof courses and open elective courses offered across the departments. 2. courses. 3. Courses on communication skills / Professional ethics / Engineering, and Employability Skills. 4. Design experiments in many thereby stimulating creativity and innovation in students.

#### CRITERION II - TEACHING- LEARNING AND EVALUATION

#### 2.1 - Student Enrolment and Profile

2.1.1 - Demand Ratio during the year

Name of the	Programme	Number of seats	Number of Applic
Programme	Specialization	available	received
	!!		

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## 2.2 - Catering to Student Diversity

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

Year	Number of students enrolled in the	Number of students enrolled in the	Number of fulltime teachers available in the institution teaching only	Number of fullting teachers available institution teaching (
	institution (UG)	institution (PG)	UG courses	courses

No Data Entered/Not Applicable !!!

### 2.3 - Teaching - Learning Process

2.3.1 - Percentage of teachers using ICT for effective teaching with Learning Management Syste resources etc. (current year data)

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Toolsand resources available	Number of ICT enabled Classrooms	Numb sma classr
258	234	15	33	2:

#### 2.3.2 - Students mentoring system available in the institution? Give details. (maximum 500 word

The institute has in place a formal mentoring system to cater to the needs of all students, and special needs. Tutorward mentoring system Methodology Facultyward ratio • 1:20 (Same faculty program) • One senior tutor for every 60 students • Chairman tutor is the Head of the Departm Once a week for one hour (as specified in timetable) Activities • Adaptability with the system process, if needed • Progress and problems in teachinglearning • Discussions on examina opportunities • Aptitude • Group discussion • Mock interview Benefits • Improvement in aca discipline • Able to identify slow learners • Able to wardoff student campus problems • Buildin to the course instructors to improve the teachinglearning process • Identifying the student processes Students who are strong in academics and have no arrear grades are offered an opt curriculum. Such students can do extra courses in a semester over and above the prescribed c Students who opt for the fast track scheme are permitted to do their final year project outside abroad or in industry). Effective from Academic Year 2015, students have the option to res courses/selfstudy courses/onecredit courses of their choice under the ChoiceBased Credit Syste requirements of such courses are governed by the program regulation

Number of students enrolled in the institution	Number of fulltime teachers
4015	232

## 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 curr year
332	295	37	19

2.4.2 - Honours and recognition received by teachers (received awards, recognition, fellowships 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, fello Government or re
2019	Dr.R.Sathiskumar	Assistant Professor	Best Teacher At
2019	Dr.M.Sangeetha	Associate Professor	,
2018	Dr. A.D.Chitra	Assistant Professor	Best Paper Award Nat: Machine Learnng Intelligence(1

#### View 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

Programme Name	Programme Code	Semester/ year	Last date of the last semester- end/ year-end examination	Date of de semester-end
BE	all	OCT/NOV 2018 (UG/PG)	15/12/2018	2
BE	all	OCT/NOV 2018 (UG/PG)	04/02/2019	1
BE	all	APR/MAY 2019 (UG/PG)	08/05/2019	1
BE	all	APR/MAY 2019 (UG/PG)	26/06/2019	0

## View File

2.5.2 - Average percentage of Student complaints/grievances about evaluation against total nun examinations during the year

Number of complaints or grievances about evaluation	Total number of students appeare examination	
1911	60369	

## 2.6 - Student Performance and Learning Outcomes

2.6.1 - Program outcomes, program specific outcomes and course outcomes for all programs offerstated and displayed in website of the institution (to provide the weblink)

<u>p://www.cit.edu.i</u>
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#### 2.6.2 - Pass percentage of students

Programme Code	_	Programme Specialization	Number of students appeared in the final year examination	Number of stude final year ex	
No Date Entered/Net Applicable 111					

No Data Entered/Not Applicable !!!

#### View File

## 2.7 - Student Satisfaction Survey

2.7.1 - Student Satisfaction Survey (SSS) on overall institutional performance (Institution may de (results and details be provided as weblink)

http://www.cit.edu.in

## **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	The amount of seed money	Year of receiving gr
Dr. R. Azarudeen	100000	2018

#### View File

3.1.2 - Teachers awarded National/International fellowship for advanced studies/ research during

Type Name of the teacher awarded the fellowship		Name of the award	Date of a
	No Data Entered/	Not Applicable !!	!

## View File

#### 3.2 - Resource Mobilization for Research

3.2.1 - Research funds sanctioned and received from various agencies, industry and other organi

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned
Major Projects	730	AICTE MODROBS	1315000
Major Projects	730	AICTE MODROBS	140000
Major Projects	1095	AICTE (NDF RPS)	2100000
Major Projects	1095	AICTENDFRPS	2100000
Major Projects	730	AICTEMODROBS	1100000
Projects sponsored by the University	365	CITSeed Money	250000
InternationalProjects	1095	SIU Research Council of Norway	2000000

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3.2.2 - Number of ongoing research projects per teacher funded by government and non-governiyears

6

## 3.3 - Innovation Ecosystem

## 3.3.1 - Workshops/Seminars Conducted on Intellectual Property Rights (IPR) and Industry-Acader during the year

Title of workshop/seminar			
One Day Workshop on Statistical Methods for Chemical Analysis	Ма		
One Day Workshop on Linear Algebra and Probability Towards Theory of Intelligent Systems	Ma		
The Art of Resilience and Interpersonal Skills	Ηυ		

#### View File

## 3.3.2 - Awards for Innovation won by Institution/Teachers/Research scholars/Students during th

Title of the innovation	Name of Awardee	Awarding Agency	Date awai
"IDENTIFICATION AND REHABILITATED FROM FUNGAL DISEASE AFFECTED PLANTS"	S.S.JAYAKRISHNA, S.LOGESHWARAN, T.ESWARA RAO	WYF (World Youth Federation).	15/10/
IoT based smart lock using face recognition	Syed umar.A, Charan .S	CIT	03/05/
Innovation	V.Tejoram	GCT	21/03/
Innovation	Nirdeshika narayani.s.	RamaKrishna engineering college	07/03/

#### View File

## 3.3.3 - No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Center	Name	Sponsered By	Name of the Start-up	Na St
		Technical Education		Ed
Coimbatore		Quality Improvement		St
Institute	Entrepreneurship	programme (TEQIPPHASE	Slipper	Tecl
of	Development Cell	III) Ministry of Micro	Shots	Sta:
Technology		, Small and Medium		!
		Enterprises (MSME)		St

#### View File

## 3.4 - Research Publications and Awards

## 3.4.1 - Ph. Ds awarded during the year

Name of the Department	Number
Computing(SS)	
Computer Science and Engineering	

ECE	
Computer Applications	
Mechanical Engineering	
Information Technology	
Physics	
Chemistry	
Humanities	
Chemical Engineering	

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

Туре	Department	Number of Publication	Avera
International	Computing	6	
International	Mathematics	7	
International	MCA	4	
International	Mechanical Engineering	22	
International	Information Technology	8	
International	Physics	19	
International	Chemistry	4	
National	Chemistry	1	
International	Humanities	1	
International	Chemical Engineering	10	

#### View File

# 3.4.3 - Books and Chapters in edited Volumes / Books published, and papers in National/Interna Proceedings per Teacher during the year

Department	
EEE	
Computing (DSC)	
CSE	
ECE	
Mathematics	
MCA	
Mechanical Engineering	
Information Technology	
Humanities	
Chemical Engineering	

#### View File

## 3.4.4 - Patents published/awarded during the year

Patent Details	Patent status	Patent Number			
No Data Entered/Not Applicable !!!					

3.4.5 - Bibliometrics of the publications during the last academic year based on average citation Science or PubMed/ Indian Citation Index

Title of the Paper	Name of Author	Title of journal	Year of publication	Citatio Index
Size controlled synthesis of TiO <inf>2</inf> nanoparticles by modified solvothermal method towards effective photo catalytic and photovoltaic applications	Ramakrishnan V.M., Natarajan M., Santhanam A., Asokan V., Velauthapillai D.	Materials Research Bulletin	2018	27
Optimized costbased biomedical workflow scheduling algorithm in cloud	Mohanapriya N., Kousalya G.	Advances in Intelligent Systems and Computing	2018	0
Enhanced TCP NCE: A modified noncongestion events detection, differentiation and reaction to improve the endtoend performance over MANET	Govindarajan J., Vibhurani N., Kousalya G.	Advances in Intelligent Systems and Computing	2018	5
Analysis of AESGCM cipher suites in TLS	Arunkumar B., Kousalya G.	Advances in Intelligent Systems and Computing	2018	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
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
An investigation on the tensile properties and microstructure of	Vellingiri S.	International Journal of Materials and	2018	1 3P 13/4

hybrid metal matrix composites	Product Technology		
Influence of organic loading rates (OLR) in treatment of pulp and paper mill wastewater with hybrid upflow anaerobic sludge blanket reactor (HUASBR) with hexagonal polypropylene inert material	Tenside, Surfactants, Detergents	2018	0

## 3.4.6 - h-Index of the Institutional Publications during the year. (based on Scopus/ Web of scien

Title of the Paper			Year of publication	h- index	Number of citations excluding self citation	Insti menti
No Data Entered/Not Applicable !!!						

#### View File

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

Number of Faculty	International	Natio
Attended/Seminars/Workshops	12	19
Presented papers	172	19
Resource persons	3	17

#### View File

## 3.5 - Consultancy

## 3.5.1 - Revenue generated from Consultancy during the year

Name of the Consultan(s) department	Name of consultancy project	Consulting/Sponsoring Agency
Chemical Engineering	Biodiesel Sample	Mr. K.T. Ajith IV Year B.E. Autom Engineering, Nehru Institute of Tecl Coimbatore 641 008.
Chemical Engineering	UVVisible analysis	Mr. G. Anandaraj M. Arun Kumar, I B.E. Petrochemical Engineering, JCT of Engineering, Coimbatore
Chemical Engineering	UVVisible analysis	Mr. R. Saravanan S. Sathyaseelan, B.E. Petrochemical Engineering, JCT of Engineering, Coimbatore
Chemical Engineering	Water Sample	Mr. N. Senthil Kumar 3/156, Perayar Perumanallur Coimbatore - 641
Mechanical	FESEM Laboratory	Indusrty Acdemia

Engineering		
Mechanical Engineering	CoEMS - Center of Excellence in Manufacturing Sciences	Indusrty Acdemia
Mechanical Engineering	Welding Research Cell	Indusrty Acdemia
Mechanical Engineering	Smart Manufacturing Center	Indusrty Acdemia
Physics	Materials characterization	Educational Institutes
Chemical Engineering	Water Sample	Mrs. K.M. Sudha, Commissioner - Add charge, Municipal office, Udumala: 642126
Chemical Engineering	Water Sample	Mr. K. Rangarajan, 7/177, Kuttai T Keeranatham Puthupalayam, Keeranath Coimbatore
Chemical Engineering	Water Sample	The Commissioner, Municipal off Udumalaipettai 642126
Chemical Engineering	Water Sample	The Commissioner, Municipal off Udumalaipettai 642126
Chemical Engineering	Cement Sample	J. Shankar, Dept. of Civil Engg., I University, Coimbatore
Chemical Engineering	Water Sample	The Commissioner, Municipal off Udumalaipettai 642126
Chemical Engineering	Polymer Sample	J. Shankar, Dept. of Civil Engg., I University, Coimbatore
Chemical Engineering	Water Sample	The Commissioner, Municipal off Udumalaipettai 642126
Chemical Engineering	Water Sample	The Commissioner, Municipal off Udumalaipettai 642126
Chemical Engineering	Water Sample	Mr. V. Balaswamy 38, Anna Nagar 1s Ammankulam, Puliakulam Road Coimbat
Chemical Engineering	Water Sample	The Commissioner, Municipal off Udumalaipettai 642126
Chemical Engineering	Water Sample	The Commissioner, Municipal off Udumalaipettai 642126
Chemical Engineering	Water Sample	The Commissioner, Municipal off Udumalaipettai 642126

## 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	Reven (amou
ECE	Digital Transformation	Schlumberger, Oilfield	

in Oil Gas fields

services company

## View File

#### 3.6 - Extension Activities

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

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Title of the activities	Organising unit/agency/ collaborating agency
International Day Against Drug Abuse and Illicit Trafficking	Health Awareness Camp jointly with Department of Community Education, Coimbatore Medical College, Coimbatore on 4th July 2018 during
Campus Cleaning	NSS of CIT on 29th July 2018
Clean Campus (Plastic Wastes)	NSS of CIT on 26 August 2018
Tree Plantation	NSS of CIT on 04th September 2018
Anaemia Awareness Camp	NSS of CIT Jointly with Department of Transfusion Medicine, Coimbatore Medical College and Hospital Blood Bank, Coimbatore on 18th September 2018
Eye Checkup and eye donation awareness	NSS of CIT Jointly Lotus eye care hospital Coimbatore on 19th September 2018
Blood Donation Camp	NSS of CIT association SHANTHI SOCIAL SERVICE at Coimbatore on 25th September 2018
One Day Camp to Iyer Hills	NSS of CIT on 2nd October 2018
Pongal Day Celebrations	NSS of CIT Jointly With Student's Union
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
	Illust 10b67mNgcCc2O0v2OTM4NEbWOVEDD 16/4

5/2019 https://assessmentorillie.naac.gov.in/public/index.php/postaccreditation/ac	jan moabata/oyopanomittoonobmitqooobaoxbo imint
NSS FEST2K19"	NSS FEST a 3 day event
Health Check Up	NSS of CIT Jointly With Thulasi Pharmacy, Coimbatore on 21/03/2019
Awareness on Drug Addiction	NSS FEST a 3 day event
Special Camp	NSS of CIT Jointly With 01.04.2019 TO 07.04.2019 at PSGG KANYA GURUKULAM Girls School, Coimbatore
Special Camp	NSS of CIT Jointly With 11th April 2019 to 17th April 2019 at Elementary School , RG PUDUR School, Coimbatore
Special Camp	NSS of CIT Jointly With 11th April 2019 to 17th April 2019 at Elementary School , RG PUDUR School, Coimbatore
One DAY camp Creating Awareness for Trekking and yoga	NSS
International Day Against Drug Abuse and Illicit Trafficking	NSS
NSS Blood Donation Camp	NSS
Anaemia Awareness camp	NSS
Eye checkup and eye donation awareness camp	NSS
NSS Day 2018	NSS
NSS Blood Donation Camp	NSS
One day camp trekking Iyer hills	NSS
NSS FEST2019	NSS
Special campPSG kanya Gurukulam school	NSS
Special campGovernment Elementary school, RG pudur	NSS
Swatch Bharath	NSS
Anemia and Drug Awarness	NSS
Blood camp	NSS
Eye Camp	NSS
Awarness camp	NSS
Farmer's Day	NSS
Independence day Parade	NSS

3.6.2 - Awards and recognition received for extension activities from Government and other rec

Name of the activity	Award/Recognition	Awarding Bodies	Numb€
Swatch Bharath	Participation	NSS	
Anemia and Drug Awarness	Participation	NSS	_
Blood camp	Participation	NSS	
Eye Camp	Participation	NSS	
Awarness camp	Participation	NSS	_
Farmer's Day	Participation	YRC	
Independence day Parade	Participation	RSP	

3.6.3 - Students participating in extension activities with Government Organisations, Non-Gover 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 teache participated in suc activites
One Student One Tree	MHRD	Tree planting activity	2
One Student One Tree	RSP	Driving License Program(RSP)	10
One Student One Tree	RSP	IRSC TRAINING (RSP)	10
One Student One Tree	RSP	Appreciation ceremony (RSP)	10
One Student One Tree	RSP	Presentation event(RSP)	10
One Student One Tree	RSP	Diwali Duty(RSP)	2
One Student One Tree	RSP	COIN IT UP(RSP)	10
One Student One Tree	RSP	SKILLOVATION (RSP)	10
One Student One Tree	RSP	INTRA COLLEGE FEST	10
One Student One Tree	RSP	KONIAMMAN CART SECURITY (RSP)	2
Swachh Bharat	CIT	Swatch Bharath	0
Swachh Bharat	CIT	Anemia and Drug Awarness	0
Swachh Bharat	CIT	Blood camp	0
Swachh Bharat	CIT	Eye Camp	0
Education Awareness program	Sai Vidya Mandir Nursery School, Coimbatore	Awarness camp	0

## 3.7 - Collaborations

# 3.7.1 - Number of Collaborative activities for research, faculty exchange, student exchange duri

Nature of activity	Participant	Source of fi
Student Project Internships at University of Washington, USA	Students	٤
Proposal submission PiChain Labs	Dr.A.Kannammal	Applied to Electr
Proposal Submission University of Washington, USA	Dr.A.Kannammal	Applied to
Student Exchange (MBM Engineering College Jodhpur to CIT)	19	TEQ
Faculty Exchange (CIT to MBM Engineering College Jodhpur)	3	TEQ
Internship	B.Akshaya	
Internship	N.Amritha	
Internship	A.Shruthi	٤
Internship	S. Ashwin	٤
Internship	Aditya Subramanian	٤
Internship	K.Periyasamy	٤
Internship	B. Bency Abiya	٤
Internship	S. Sujitha	٤
Twinning Program at MBM College, Jodhpur	"Students-40 Resource Person-2 "	TΕζ
Student Exchange	Venkatraman M R	Research No
Student Exchange	Akila Y	Research No
Student Exchange	Vinoth Pandi D	Research No
Student Exchange	Selvakumar P	Research No
Student Exchange	Akshaya SR	Research No
Student Exchange	Yuvaraj S	Research No
Student Exchange	Selvakumar P	Research No
Student Exchange	Pavithrakumar P	Research No
Student Exchange	Vinoth Pandi D	Research No
Faculty exchange	Dr. R. Azarudeen	UTFORSF No

3.7.2 - Linkages with institutions/industries for internship, on-the-job training, project work, sh etc. during the year

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	
		No Data Entered/Not Applicable !!!	

#### View File

3.7.3 - MoUs signed with institutions of national, international importance, other institutions, in etc. during the year

Organisation	Date of MoU signed	Purpose/Activities
Utvyakta Solutions Private Limited, Coimbatore	05/12/2018	Research and Development
pi chain innovation pvt limited, Bangalore	19/11/2018	Research and Development
RedHat	03/12/2018	RedHat academy Course
ZanComputech, Coimbatore	05/12/2018	Consultancy, Internship and Placement
Capial Engineering consultancySharjah, UAE	09/08/2019	Organization of joint conferences and seminars, sharing of RD facilities,

#### 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 infrast
4000000	390969

4.1.2 - Details of augmentation in infrastructure facilities during the year

Facilities
Campus Area
Class rooms
Laboratories
Seminar Halls
Classrooms with LCD facilities
Seminar halls with ICT facilities
Video Centre

Value of the equipment purchased during the year (rs. in lakhs)

#### Classrooms with Wi-Fi OR LAN

Number of important equipments purchased (Greater than 1-0 lakh) dur the current year

## 4.2 - Library as a Learning Resource

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

Name of the ILMS software	Nature of automation (fully or patially)	Version
Coimbatore Institute of Technology	Partially	3.22 upgrad 16.05
AutoLib Software Systems	Partially	AEEDL 2.

#### 4.2.2 - Library Services

Library Service Type	Existing		Newly Added		
Text Books	77551	32533818	2058	1288341	7
Reference Books	5436	16143874	64	22360	

## **View File**

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

Name of the Teacher	Name of the Module	Platformon which module is developed	Dat
	No Dat	a Entered/Not Applicable !!!	

#### View File

#### 4.3 - IT Infrastructure

## 4.3.1 - Technology Upgradation (overall)

Туре	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Department
Existing	1489	29	7	3	3	2	7
Added	403	5	1	1	0	0	0
Total	1892	34	8	4	3	2	7

## 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 centr
Physics Laboratory Experiments demonstration.	https://www.youtube.com/channel/UCddc
Ideal CSTR Separator Recycle process problem GATE 2019	https://www.youtube.com/watch?

https://www.youtube.com/watch?v	Adiabatic Ideal CSTR problem GATE 2019 WhatIf Analysis in Excel Chemical Reaction Engineering
	Ideal reactor problem GATE 2019
https://www.youtube.com/watch	Chemical Reaction Engineering Excel
https://www.youtube.com/watch?v	GATE 2019 Chemical Reaction Engineering segregated model Trapezoidal Rule using excel
https://www.youtube.com/watch?v=	GATE 2019 Chemical Engineering Thermodynamics using EXCEL

## 4.4 - Maintenance of Campus Infrastructure

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

Assigned Budget on Expenditure incurred on academic facilities maintenance of academic facilities		Assigned budget on physical facilities	Ex <sub>l</sub> mainte
75000000	73400469	45000000	

4.4.2 - Procedures and policies for maintaining and utilizing physical, academic and support faci sports complex, computers, classrooms etc. (maximum 500 words) (information to be available i

Our college has exclusively appointed Deans to look after the pla planning, academics, RD and industry collaborations and internal a bodies like Governing council, TEQIP Board of Governors, Academic Quality Assurance Cell and finance committee were established to more academic and support facilities. Laboratories: Each department ha laboratories and many departments having centre of excellence like 4.0 and manufacturing science. Laboratories are kept opened for a faculty up to 12.00 midnight and weekends with faculty and supporti The department of Library of C.I.T spreads for about 11650 sq.ft provides information services and access to print and esources to su and informational need of the Institute community. The fully comput well equipped with modern facilities and resources in the form of l journals, CDRoms, online databases and audio and video cassettes etc a collection of 85109 volumes of books, 226 Indian journals and 134! Besides the above it BIS codes and Ebooks. Additional books als department libraries. Students can access in between 9amto 7 pm on 1 Saturdays between 9 am to 3pm. Membership is open to all the st NonTeaching) and the students (UG, PG and Regular Research Scholar: committee headed by Principal includes AO, COE, DCOE, HODs, Faculty members. The committee will meet once in six months to review the : library and to suggest steps for improvement / development. Sports C has wellequipped gymnasium, cricket, football ground and a standard untiring commitment and enthusiasm of the student community, with quidance from the faculty has created tremendous opportunities for their talents. Our college organizes indoor and outdoor events in football, badminton, ball badminton, hand ball, basket ball, Te volleyball, throw ball, carom, chess etc. Computing facility: CIT Cell for purchase, installation and maintenance of computer systems than 2000 computers with necessary accessories are available for us students. All the computers are provided with internet facility.

facility is also available throughout the campus including hostel Total no.of classrooms and tutorial halls for handling UG and PG classrooms which includes smart classrooms for ICT based teaching learn:

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
Financial Support from institution	National Level SAE events BAJA SUPRA 201819, Endowment Prizes
Financial Support from Other Sources	
a) National	Scholarship, award
b) International	nil

#### View File

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

Name of the capability enhancement scheme	Date of implemetation	Number of students e
No Data	Entered/Not Appli	icable !!!

#### View File

5.1.3 - Students benefited by guidance for competitive examinations and career counselling offe 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 stu have passedin exan
	Jeneme		Entered/Net Applicable	

#### View File

5.1.4 - Institutional mechanism for transparency, timely redressal of student grievances, Preven and ragging cases during the year

Total grievances received	Number of grievances redressed	Avg. number of days
0	0	

#### 5.2 - Student Progression

5.2.1 - Details of campus placement during the year

On campus				Off camp
Nameof organizations visited	Number of students participated	Number of stduents placed	Nameof organizations visited	Number of s participa
No Data Entered/Not Applicable !!!				

5.2.2 - Student progression to higher education in percentage during the year

Number of students enrolling Year into higher education

**Programme** graduated from

**Depratment** graduated from

Name of institutior ioined

No Data Entered/Not Applicable

#### 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)

Number of students selected/ qualifying Items No Data Entered/Not Applicable !!!

#### View File

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

Activity	Level	Number of Participant
	No Dat	a Entered/Not Applicable !!!

#### View File

#### 5.3 - Student Participation and Activities

5.3.1 - Number of awards/medals for outstanding performance in sports/cultural activities at na (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	St r
No Data Entered/Not Applicable !!!					

#### View File

5.3.2 - Activity of Student Council & representation of students on academic & administrative be institution (maximum 500 words)

The inauguration function of student's union for the academic year 2 21.08.2018. All second, third and final year B.E./ B.Tech and participated in CIT auditorium hall. Final year and prefinal year nominated as Student's Union chairman, secretary, joint secretary a various clubs for the year 20182019. Final year civil Vishnu Vartha elected for the position of student's union chairman. The students Committee meeting for every year conducted in the department at re Their major role is to be a voice of the class especially related suggestions, feedback on a regular basis regarding class matters. committee representatives are responsible for ensuring effective committee between the committee members and the class committee representative promote class identity and class spirit. They also assist in plann department association activities conducted for the student's welfa civil engineering had appointed final year Civil Engineering excel s as student placement coordinators. The Department Student Placement

college placement officers in the arrangement of Campus placement ac recruitments. WOMEN EMPOWERMENT CLUB ACTIVITIES Newly added to the empowerment cell clearly understood that there is no force equal to to rise. The events organized by them focused to effectively impact their potential and inculcate ethics and values in pursuit of thei holistic way. MOVIE SCREENING This is the event conducted every ser day 18.09.2018, Tuesday. The movie "HIDDEN FIGURES" was screened wh: on a true story. The story was about three black American women who role in the space programs of NASA during the space race in 1960s. for UPSC aspirants as it talks about racism and women empowerment. power of an Engineer and his capability. The movie started at 5:00pr participants is 28. In ball badminton (women) CITians won third po ball (women) CITians won third position. In volley ball (women) C position. WOMEN'S DAY CELEBRATION FOOT BALL TRAINING PROGRAM "BE FIT one of the event organized during women's week. It is fun kind of e girls for a moment to recognize football. COME! KICK! GO!. The eve along with the support of sports club. Footballs were given to girl basic training. It was conducted on March 6th, 2019 in Main Block La much excited to play football, Coach used many different strategies 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 co association for the routine activities. Meeting of alumni especially like I year, 10th year, 25th year after graduation are voluntarily of Even graduates during 196580 visit the institution to share their ex knowledge to students during association meeting as industrialist, k encourage the present students. Coimbatore Institute of Technology, functional alumni association. The mission of the Association is to between alumni, students of CIT and the Institute, and create a netw to remain engaged with their alma mater. The alumni of the college v industry or for higher studies also give a feedback on how their yea institution have helped them perform in their places of work/study. give constructive suggestions to the students. Its activities and ma for institutional, academic and infrastructure development are • Stu Support current students through different mentoring opportunities € part of oncampus lectures or motivation through an inperson or onlir provide internships recruit fresh graduates present career programs, Reunions: The Association organizes and facilitates a host of events Coimbatore. This includes the OSAN Day which is held on the second { every year, the Silver Jubilee Reunion, Golden Jubilee Reunion. Alum to campus events like Association activities, Guest lectures, Interr Conferences, Technical workshops and Symposiums, Faculty development placement training etc., Convocation Day, and other cultural events addition, there are sports events, and meetings of various special i within the alumni in Coimbatore and elsewhere in the country as part outreach events. During 2015, Chennai was affected with flood and al workforce relief as s part of social service. • The alumni are invit members and advisors in various levels of committees that support the institution. • Geographic Alumni Chapters: Activities of the Associa limited to the campus, and there are thriving city chapters that ore and US chapter and other worldwide chapters provide opportunities to

friendships and start new ones. • Financial Support by Alumni: Every thousand plus students who enter CIT Coimbatore, there are students and economically challenged segments of society, who cannot get enou including loans or scholarship money. The Student scholarship is add past students (alumni) of the Institute to its present students and Budding Bright Engine. In case of life saving medical grounds for the alumni and for the staff, alumni extend financial support. The Alumn contributed funds in the development of the infrastructure of the ir 1995 batch contributed an amount of Rs.5, 00,000 towards the constru

### 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 A and 201920 1. 02.02.2018 2. 23.02.2018 3. 27.08.2019 4. 01.02.2019 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

The management of the Institute has taken several initiatives to decision making authority and involve senior faculty members to p management of the Institute. Accordingly, in addition to the positi departments, the following posts of deans have been created. The Pr by the Heads of departments and the Deans in managing the activitie The duties and responsibilities of various deans are as following Affairs, Estate Maintenance and Alumni association activities ( Principal on Legal matters • Maintaining a ragging free campus • E among students inside outside the institute. • Conducting enquia indulged in activities of indiscipline • Organizing student coun related activities • Liaising with parents /quardians 2. Dean Exams end semester examinations as per the dates defined in the academic setting of question papers (as per OBE), scheme of evaluation, scrut question papers. • Appointment of Chief Superintendent, Invigilator evaluation of answer scripts • Conduct of End Semester /Arrear Exami for valuation • Arrange for result passing board meetings • Compilat of exam results. • Liaising with Controller of Examinations, Ann relevant matters • Conduct of Internal and External Academic Au commencement ceremony function • Organizing all Academic /Grievan meetings relating to autonomous functioning. • Preparing course comp • Dispatching degree certificates to the students 3. Dean Placem (Placement Officer): • Managing the placement office including acc orientation programs to all students to create awareness about pl Arranging preplacement talks • Setting guidelines for inviting compa in recruitment process . Arranging and Managing coaching classes for finishing schools 4. Dean Academic research resource assistance (1 Services • Technical Services • Administrative Services 5. Dean Plan academic programs as per the directions of GC through Principal Institutional Developmental Proposals (IDP) as per the road map v

QIP, NIRF, TLC, Incubation Centers, etc., • Reporting establishment Handbook preparation • Maintenance of CIT website 6. Dean Academ development as per quidelines • Preparation and execution of Ac activities • Coordinating Boards of Studies activities • Preparation Supervising UMS activities • Anna University, AICTE, NBA UGC- Affil process in coordination with Administrative coordinator • Organi Education Programs 7. Dean International Affairs 8. Dean RD and Indu • Propagating awareness on latest technical developments to the fa Coordinating sponsored research work and consultancy activities of Managing IIPC • Preparation of annual reports on research, consulta Carrying out activities relating to MoUs 9. DeanExtracurricular a activities • Selection of Office bearers for students union • Organi club activities • Planning and coordination of all I

#### 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

Strategy Type	Details
Curriculum Development	Institute has acquired expertise and infrastructure decades and it's experienced faculty members have co for improvement of quality of the programme. The currafter a thorough discussion among the internal an holders. The curriculum is structured such that the courses in basic science and engineering in the first in second year, core and elective courses in third Core courses give an indepth understanding and knowl design. The curriculum structure contains the detail course title, total number of contact hours and cred
Teaching and Learning	Students are informed in advance about the topics to the tutorial Classes. Faculty come prepared for discussed, utilizes smart class room and subject violated Assignment problems are given to the students. They notes and text books/reference books or contact for assistants and not the neighboring students. Stude tutor incharge to get the doubts cleared and meth assignments. At the end of the period tutorial not evaluation. Students are motivated to attend the onl MOOCS and other online courses). Guest lectures fro experts were arranged.
Examination and Evaluation	Frame regulations for conduct of the courses, examin measures for improving quality of teaching, methods student's performance and student advisory pro institute. Relative grading has been implemented for marks from the odd semester of 2018 - 2019. Per Examination System, it has been resolved in the stathe Institute that 'Open Book' Examination may be conselected courses from the Oct/Nov 2019 Examination contents.
Research and Development	The aim of the management is to have all faculty r qualification. In line with this aim, young facu encouraged to register for Ph.D either with superviso

	or outside the Institute. The fees to be paid to a faculty members who have registered for Ph.D programs the Institute from TEQIP fund. The faculty members are for research projects to get funds from organization DRDO etc. When faculty members undertake travel to papers in conferences within India, the entire cos Institute. When faculty members go to present pape outside India, partial grants are given to them by meet the balance expenses, the faculty members are a 'Travel Grant' to agencies like UGC and AICTE. Furth are permitted to go to reputed Institutions either overseas to take up Postdoctoral research in c
Library, ICT and Physical Infrastructure / Instrumentation	The main objective of the CIT library is to provide and access to print and eresources to support the informational needs of the institute community. The library is well equipped with modern facilities and form of books, print and ejournals, CDROMs, online of video cassettes etc. Open Access System is being library. The digital class rooms are equipped with facilities. Equipments and instruments necessary to requirements are available in the laboratories. Train technicians take care of maintenance of the equipped laboratories. The institute has running track, individuations games and full fledged separategymnasiums in the second se
Human Resource Management	The human resource of the college is professionally proper recruitment, selection and induction policy for
Industry Interaction / Collaboration	The Institute has entered into MoUs with many I Organisations to conduct research in areas of common to the MoUs signed faculty members and students are a Faculty members and students are undertakeindustr academic year. The students are motivated to undersemester project in the industries and IITs and NITs Inplant training during vacation is mandatory for students are motivated to undersemester project in the industries and IITs and NITs Inplant training during vacation is mandatory for students.
Admission of Students	Admission of students are carried out based on the Government and through general counselling conducted of Tamilnadu.

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

E-governace area	Details	
Planning and Development	<ul> <li>Organization of faculty development programmes (FDI Institute is carried out through Email and Google st Updation of Information in the institute hand book using Autonomous Management System (AMS) Software information pertaining to the Institute in the in Vendor: Kasbah Systems Software, 4A, RR Land Mark,, Road, Coimbatore, Tamil Nadu 641028 Year of Imple</li> </ul>	
Administration	• Mapping of Subject and Course • Details of subject Code, Grade Point, Internal and External Marks, & registration for each students includes a regular, El papers • Allocations of Students to Laboratory • Cla Faculty allotment • Maintenance of Students' Attendar	

	and Medical Leave • All circulars to the faculty ar through email, whass App and mobile message. • Bior management system is used for PG students staff. • Scholarship Details of each students • Submission of (datasheet) such as Personal, Academics, Details of and Research Experience has been made online. • Host for Students. Vendor: Kasbah Systems Software, 4A, R Udayampalayam Road, Coimbatore, Tamil Nadu 64: Implementation: 2013
Finance and Accounts	The following operations of finance and accounts are • Invoice and Receipt generation of Students' fees so Exam Fee, Hostel Fee, Library dues. • Report of Student Faculty Member pay slip report • Student Admissi Vendor: Kasbah Systems Software, 4A, RR Land Mark,, Road, Coimbatore, Tamil Nadu 641028 Year of Imple
Student Admission and Support	Students admission in CIT is carried out through the I of students related to admission such as personal, accordated to academic (Mark sheet of previous academic Certificate, TNEA Allotment Order, Community Certification and through this software. Also students have so which they can view their Personal information, Sem Current semester details such as Subjects of students and Internal Marks. Vendor: Kasbah System Land Mark, 1E, Udayampalayam Road, Coimbatore, Tamil Implementation: 2013
Examination	• End Semester Time Table generation • Exam Hall alloward Arrangement • Generation of Students Hall Ticket • I marks • Generation of Grade Sheet (semester Mark Shee Mark Sheet • Generation of Results and Rank list • (students having arrears. Vendor: Kasbah Systems Soft Mark, 1E, Udayampalayam Road, Coimbatore, Tamil Na Implementation: 2013

## 6.3 - Faculty Empowerment Strategies

6.3.1 - Teachers provided with financial support to attend conferences / workshops and towards professional bodies during the year

	Year	Name of Teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional b membership fee is p
ı			No Data Entered/Not	

#### **View File**

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

Title of the professional development programme organised for teaching staff  Title of the administrative training programme organised date for non-teaching staff	
--	--

No Data Entered/Not Applicable !!!

#### View File

6.3.3 - No. of teachers attending professional development programmes, viz., Orientation Progr Short Term Course, Faculty Development Programmes during the year

Title of the professional development programme Number of teachers who attended From No Data Entered/Not Applicable !!!

#### View File

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

Teaching		Non-teach
Permanent	Full Time	Permanent
83	213	87

#### 6.3.5 - Welfare schemes for

	Teaching	Non-teaching
	The Institute authorities	The Institute auth
	bear in mind that the	bear in mind tha
	wellbeing of teaching and	wellbeing of teach
	nonteaching staff is	nonteaching star
	important for effective	important for eff
	functioning of the	functioning of
	Institute. In line with	Institute. In lin
	this, many welfare measures	this, many welfare
	have been implemented as	have been implemen
	following: 1. A 'Thrift	following: 1. A '
	Society' is functioning in	Society' is function
	the Institute to offer loans	the Institute to of:
	to needy staff at reasonable	to needy staff at re
	interest rate. 2. A	interest rate.
	fullfledged dispensary is	fullfledged dispen
	located within the campus. A	located within the
	male Pharmacist and lady	male Pharmacist an
	pharmacist are available	pharmacist are ava
	during working hours on all	during working hour
	days. Two doctors (one	days. Two doctors
	gentleman and one lady)	gentleman and one
	visit the dispensary for	visit the dispensa
	three days every week. Staff	three days every wee
	members can visit the	members can visi
	Dispensary for medical	Dispensary for me
	help.Basic medicines are	help.Basic medicin
	provided free. 3. The wards	provided free. 3. T
	of the staff are given	of the staff are
	admission to B.E degree	admission to B.E
	course/Diploma course based	course/Diploma cour
	on merit from out of	on merit from ou
	management Quota sanctioned by Govt. of Tamilnadu. 4.	management Quota sa by Govt. of Tamiln
	The teaching staff of the	The teaching staff
	Institute have a `Faculty	Institute have a '
	Club' wherein all members of	Club' wherein all me
	faculty aremembers of the	faculty aremembers
	club. They conduct cultural	club. They conduct
ļ		_
tp	s://assessmentonline.naac.gov.in/public/index.php/postaccredita	ation/aqarFilledData/eyJpdil6llwvU0h6ZmNo

e authorities The Inst nd that the bear : teaching and wellbei ng staff is nonte or effective importa ing of the func In line with Institu lfare measures this, man mplemented as have be 1. A 'Thrift follow: functioning in Society' to offer loans the Insti f at reasonable to needy rate. 2. A inte: dispensary is fullfled n the campus. A located w cist and lady male Ph are available pharmac g hours on all during wo doctors (one days. ind one lady) gentler ispensary for visit t ery week. Staff three day n visit the membe: Dispen for medical medicines are help.Ba provided . 3. The wards ff are given of the o B.E degree admiss: a course based course/D: from out of on me ota sanctioned managemei Tamilnadu. 4. by Govt staff of the The tead ve a 'Faculty Institu all members of Club' whe embers of the faculty nduct cultural club. The

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.

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.

progra annual ge family nonteacl Associat: certain the meml and No Associat: grievance and se Fullfle small ki in the food reasona staff Indian Nationali Branch campus banking and s Auditor: Hall of made avai functi conducte and out:

## 6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly (with in 100 words ea

Coimbatore Institute of Technology being a Government Aided Institu audit for Government Aided programmes is carried out by Local Fu Government of Tamilnadu. The Local Fund Authority carries out the au 3 years depending on the availability of staff in their Departme accounts for the years 201112, 201213 and 201314 was carried out Auditing of accounts for the year 201415 was carried out in Novemb years or so, staffs from Accountant General's office are deputed to scrutinized by Local Fund Audit, in a random manner. Internal Finan pertaining to selfsupporting programmes is carried out by the Audi Naidu Educational Trust running Coimbatore Institute of Technology. maintains the accounts for self supporting programmes as per th guidelines of the Auditor.

6.4.2 - Funds / Grants received from management, non-government bodies, individuals, philantl covered in Criterion III)

Name of the non government funding agencies /individuals	Funds/ Grnats received in
VRET, CIT Management	10693251

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		
	Yes/No	Agency	
Academic	Yes	Expert from Industries and Institutions	
Administrative	No		

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

Programme Advisory Committee / Department Advisory Com

## 6.5.3 - Development programmes for support staff (at least three)

• Financial support for Qualification up gradation. • Handson Train Process.

#### 6.5.4 - Post Accreditation initiative(s) (mention at least three)

Academic Performance Index • Exam Reforms Pertaining to the Examir been resolved in the standing committee of the Institute that 'Oper may be conducted for a few selected courses from the Oct/Nov 201 Relative grading has been implemented for award of internal marks for 2018 - 2019.
 Institute Innovation Council o Workshop on IPR Faculty members on 10thJanuary 2019, 10.30 am to 12.30 pm by Ramaswamy, Assistant Controller of Patents, Indian Patent Offi

#### 6.5.5 - Internal Quality Assurance System Details

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

## 6.5.6 - Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Dι
2019	Patent registration of Faculty and Student	05/01/2019	05/01/2019	05

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 institu

Title of the programme	Period from	Period To	
Hurdles of A Woman Entrepreneur	11/07/2018	11/07/2018	
Role of Women Entrepreneurs	25/09/2018	25/09/2018	
Mission Pink	03/10/2018	03/10/2018	

Write Your Decibel	15/02/2019	15/02/2019	
Be Fit With A Kick	06/03/2019	06/03/2019	
Women's Day	08/03/2019	08/03/2019	
"Bhaiyaa" on RakshaBandhan	23/08/2018	23/08/2018	
Driving License Program	06/08/2018	06/08/2018	
IRSC TRAINING	28/01/2019	28/01/2019	

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

## Percentage of power requirement of the University met by the renewable end

1.Percentage of power requirement of the Autonomous College met by a sources Power requirement met by renewable energy sources: 280 requirement: 4050.00units Renewable energy source:OnGrid Solar E generated and used:1230 Units Energy supplied to the grid:4050.2.Percentage of lighting power requirement met through LED bulbs requirements:168.05kW Percentage Lighting through LED bul

## 7.1.3 - Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Numbe
Physical facilities	Yes	
Provision for lift	Yes	
Ramp/Rails	Yes	
Braille Software/facilities	No	
Rest Rooms	Yes	
Scribes for examination	Yes	

#### 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 a
2018	1	1	07/10/2018	1	"UriyarPirarkku" A program for Orphanage Children	Var Extracu and Tamil oriente were cond their persona develop acad excel Sponsor things t their ba (in te

2/2	5/2019	https://assessmen	tonline.naac.gov.in	n/public/index.php/posta	ccreditation/aqa	arFilledData/eyJpdil6IlwvU0h6ZmNo	pcGc2Q0x2OTM1N
							surviv acad
	2018	1	1	25/12/2018	1	Utsava'18 NammilOruvar	Provid needed t orph
	2018	1	1	27/07/2018	1	Karam Kodu	Conduc event provided the old
	2018	1	1	23/12/2018	1	Farmers day	Farme specialRe of na vegetation the Vella along Kovaik
	2018	1	1	15/10/2018	1	ANNA UNIVERSITY INTER ZONE ATHLETIC MEET 2018	20 engi colle coimbat partic
	2018	1	1	03/06/2018	1	UPSC Civil services Examination (preliminary)	Provided for con exams candidate can
	2019	1	1	27/01/2019	1	Nalamudanvaazha	Visi OzanamOland conducta
	2019	1	1	01/02/2019	10	2nd CIT COVAI TIES 2019	Covai I Inter En College S Ga
	2019	1	1	09/03/2019	2	CIT ALUMNI TROPHY	20 collector around Control particing the e

## 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 il Academic Diary
Independence day	15/08/2018	The institution plans and organizes app to increase consciousness about nation symbols Fundamental Duties and Rights and other constitutional obl
Appreciation	22/09/2018	The institution plans and organizes app

ceremony		to increase consciousness about nation symbols Fundamental Duties and Rights and other constitutional obl
Presentation event	04/10/2018	The institution plans and organizes app to increase consciousness about nation symbols Fundamental Duties and Rights and other constitutional obl
Diwali Duty	01/11/2018	The institution plans and organizes app to increase consciousness about nation symbols Fundamental Duties and Rights and other constitutional obl
Republic day	26/01/2019	The institution plans and organizes app to increase consciousness about nation symbols Fundamental Duties and Rights and other constitutional obl
Coin It Up	02/02/2019	The institution plans and organizes app to increase consciousness about nation symbols Fundamental Duties and Rights and other constitutional obl
Skillovation	07/02/2019	The institution plans and organizes app to increase consciousness about nation symbols Fundamental Duties and Rights and other constitutional obl
Intra College Fest Nakshatra	01/03/2019	The institution plans and organizes app to increase consciousness about nation symbols Fundamental Duties and Rights and other constitutional obl
Koniamman Cart Security	06/03/2019	The institution plans and organizes app to increase consciousness about nation symbols Fundamental Duties and Rights and other constitutional obl
CIT SPORTS DAY2K1819	16/03/2019	Number of activities conducted for proposal values (Truth, Righteousness, conduct, and peace) national values, human valuegration, communal harmony and social as for observance of fundamental du
Mini Marathon	08/03/2019	Number of activities conducted for properties (Truth, Righteousness, conduct, and peace) national values, human valuegration, communal harmony and social as for observance of fundamental du
Eye checkup and eye donation awareness camp	19/09/2018	Number of activities conducted for properties (Truth, Righteousness, conduct, and peace) national values, human valuegration, communal harmony and social as for observance of fundamental du
Blood donation camp along with Shanti Social Service	25/09/2018	Number of activities conducted for provalues (Truth, Righteousness, conduct, and peace) national values, human values,

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

#### 7.1.6 - Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Dura
Step In	13/02/2019	13/0
Golden Hands 2.0	24/02/2019	24/0
Interactive Session with IFS Officer	14/02/2019	14/0
NAKSHATRA 2019	01/03/2019	02/0
International Day Against Drug Abuse and Illicit Trafficking	04/07/2018	04/0
Swachh Bharat campus Cleaning	29/07/2018	29/0
Anaemia and Life Style Modification to Prevent Anemia	18/09/2018	18/0
Environment Day Celebration	04/06/2018	04/0
Kalam Sir's Remembrance Day	27/07/2018	27/0
Interactive Session on TNPSC and UPSC Exams	28/07/2018	28/0
Youth Parliament	15/08/2018	15/0
Interactive Session with IFS Officer	20/08/2018	20/0
A Manifesto for Change (An Interactive Session with Dr.Ponraj)	24/09/2018	24/0
UPSC Aspirants Meet 1	22/12/2018	22/1
UPSC Aspirants Meet 2	07/01/2019	07/0
INSPIRA 2019	28/01/2019	30/0

#### 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 manufacturing leads to defore the leads of the leads Being aware of this consequence institute has taken various meas Correspondence in CIT is in the form of digital. 2. Comprehensi installed to handle all administrative activities of the instit submission of faculty member profile datasheet has also been

Green Landscaping with Trees and Plants The institute comprises of area for garden and lawn, with 5000 trees and plants. Age of certain campus is more than 60 years. Pest control is carried out once in 1 an urban area, dense trees at CIT are homes for thousands of birds and dusk, it is a treat for the eyes and ears for us. College camp for bird watchers and ornithologist. Awareness on planting trees is

by various clubs of CIT and saplings of plants are also distribute staff.

#### UTSAVA'18 THALIR 26.12.2018Planted 25 trees in camp

Waste Management steps using ● Solid Waste Management ● Liquid Wa Ewaste Management Solid Waste Management Solid waste are collected located around the campus, which is then dumped in pits.Organic was canteen are collected separately and are later used as compost for p Management Sewage water treatment plant is installed in the campus waste. Then the water is reused for gardening and restrooms ther dependency on fresh water sources. Capacity of the treatment plant per day. EWaste Management EWaste including computers, UPS, pri laboratory equipment's are collected disposed periodically

Rain water harvesting structures and utilization in the campus Water Due to global warming owing to pollutions in different forms, th scarcity of water everywhere, so saving rain water has become an ess Institute is also committed to save rainwater within the campus c surging demand for water. Rain water harvesting is done in the col rainwater harvesting tanks which are located around the institute, ranging from 32042 to 226560 litre that accounts for a total capac liter. It is also properly covered and maintained to avoid having st open.

Green Practices • Students and staff using a) Bicycles b) Publi Pedestrian Friendly Roads ● Plastic Free Campus ● Paperless Office with Trees and Plants Students and faculty of CIT has ample facil transport. Conveyance is much easier as the college is situated in roads of Coimbatore. A Bus stop is located 5 meters away from the Public transport is the main source of commute for faculty and stud available at every 5 minutes to all parts of the city and other tow of pedestrians, college campus has a paved 1500 meter long and 5 fe friendly road.

PlasticFree campus Plastic free awareness program are conducted b every year. Usage of plastics is refrained inside the campus. Plast in the areas like canteen and stationery stores. Students through (RSP) and Rotaract club are involved to retain the campus pl

#### 7.2 - Best Practices

#### 7.2.1 - Describe at least two institutional best practices

Best Practice # 1 Title of the Practice: Research Promotion Object research culture among faculty members, conduct research with international grants extend the research benefits to student commun well, establish and run centres of Excellence in various research obtain intellectual rights and patents The Context Knowledge driv numerous innovations derived via intensive researches conducted in Thus, priority goes to research and innovations. There is an urge context to inculcate and motivate among students and faculty to for development for the Progress of India For every teacher of Higher I is a continuous process is an indication of achievement and current increases the credibility and respect of individuals. The Practice with world renowned institutions to encourage collaborative resea assistance is offered to researchers for their research activit proposals are submitted and in turn in the college receive grants research extends financial assistance to research scholars. • All

approved by Anna University as a Research centres for pursuit of Ph. of Success • Centre of Excellence (CoE) in manufacturing science supported by MHRD • Rs. 1663.82 Lakhs sponsored research grants a 195.91 Lakhs are earned through consultancy work. • MoU is sign University College, Norway. Student mobility programme, Conference research are carried out. • Series biennials International Confere with Oklahmoa State University, USA. • International and Nationa organized periodically. • Financial assistance by the management is members to present papers in conferences in India and Overseas. • 1 institution: 2018:62nd rank Problems Encountered Involvement of fact students allows limited time to pursuit research. Resources Required resource required for promoting research. As research involves € research laboratories, visits, publication and registration fee a support in this aspect from the Management and Administration is ver interaction with premier academic institution in India and abroad. Title of the practice: Career Prospects Objectives To provide empl prospective industries. Making the Students industry ready in te Excellence, Communication and SoftSkills. To motivate the stud technopreneurs The Context Students studying in our college come i backgrounds with socioeconomic disparities. Efforts are taken t technical, communication, aptitude and analytical thinking. The Pra final year students conduct training classes on selected topics • focuses on Competitive Coding • To enhance analytical and commun trainers from reputed institutes are invitedPractices followed to I http://www.cit.edu.in/wpcontent/uploads/2018/09/7.2.pdf Problems I students lack motivation in attending placement trainings during Backlog of arrears of few students hinders them in gaining the eligi placement. • Timing of placement Resources Required • Dedicated Cour students who derail from academics. • Conduct meetings to create parents about the importance of placements trainings BEST PRACTICE 3 for Faculty Members CIT has recognised as one of the Teaching Learn under the PanditMadan Mohan Malviya National Mission on Teacher (PMMMNMTT) scheme. TLC's vision is to achieve academic excellence in learning techniques to faculty members of technical institutions. T provide training in pedagogy to young teachers, to offer Manag Enhancement Programme (MCEP) to senior teachers, to expose the teach art techniques relating to assessment and evaluation, to prepare th holistic training to the students and to groom teachers to mainta ethical standards in teachinglearning process Objectives To improve of teachers in Technical Institutions across the geographical req teachers for higher learning and involve in research To disseminate To discuss latest updates/developments in subjects To improve teaching/presentation skills To prepare industry relevant course co result analysis before and after the course To offer supplementary (Hands on Training) To make demos for specific requirements of teac management skills BEST PRACTICE 4: E Content Development and Usage for Technical Education (AICTE) has approved Rs.4881374.00 to est Centre in Coimbatore Institute of Technology under ELearning Cent Education (ELCTE) Scheme in December, 2016. Objectives To enhance to by using Electronic media, information and communication technology Activities • Coimbatore Institute of Technology has decided to condu Development Programme (FDP) for EContent Development through CIT El the first phase, we have conducted a Five Day Faculty Developme 'EContent - Design Development' on 23rd to 27th July, 2018 for th various departments of CIT. • CIT is approved as one of the Nationa

(NRC) in India by MHRD, GoI to develop the Annual Orientation Pro Education Faculty through SWAYAM online portal in May, 2018. CIT is the ELearning material in the discipline of 'Structural Engineer established ELearning Centre it will be helpful to develop the on SWAYAM portal. • First year faculty members are started developing I subjects through ELearning Centre. • The developed learning materia Lecturers) in ELearning centre will be shared among students for Application • To prepare teaching - learning material (EContent). D materials will help improve learning by students. • To develop Engineering Science subjects. • To develop online materials in t Structural Engineering for all higher education teachers through N platform. Facilities • Camera (1080p with 60 FPS) • 4K Interactive Interactive Pen Display • LED TV • Lectern for Presentation • Wij Speakers • Professional Studio Headphone • Audio Interface Digital N HD Switcher • High Configuration PC with Video Audio Editing Softwa NSS Activities The College has FIVE Active NSS Units, namely Unit 1 able leadership of two Programme Officers. Both the Units are act several activities within and outside the college. Some of these are against Drug Abuse and Illicit Trafficking on 04.7.2018 Awarene 18.09.2018 Every year regular blood donation camp are conduced (20] BEST PRACTICE 6: Maintenance of Environment Friendly campuses The environment friendly green campuses. The campus has lots of peren plant species. The college regularly maintains these plants species. in progress. The Green book to be uploaded in the college website. tobacco and plastic free zones. The college also maintains preca disposal of the laboratory wastes. All chemical fertilizers as biofertilizers for use in the college campus. BEST PRACTICE 7: Focu Development' for students Students provided with several opportunit utilize their latent talents. The college provides opportunities to creativity through several activities are constantly organised o various clubs on campus. Currently the college has 22 clubs on cam 8:Efficient Energy Utilization and Conservation The Efficient Ener and conservation is taken care by the department of EEE under the Elango, Certified Energy Auditor (BEE), Associate Professor, Depai opportunities for energy saving is done by energy audit with the co and Management. Objectives of the Practice To reduce the energy efficient measures of the lighting, fans and electrical equipment renewable energy sources to the maximum extent. To promote the aw conservation to the students staff and make them to do projects using The Context A set of faculties are available in CITPower house, CI takes care of efficient energy utilization through proper maintenance equipment, study for the lighting system and fans, Diesel Generat opportunities for installation of solar system. The staff and studer do research and projects with renewable energy. The Practice Regul transformers and B check for DG sets are done at right time. All CFI replaced with LEDs. Energy efficient fans are decided for purchase. solar system is done in a phased manner. Funded projects of students of Success From the maintenance records, the performance of the elecgood. The purchases as of now for lighting system are LEDs and efficient fans. The solar system now is 167 kW in the (

Upload details of two best practices successfully implemented by the institution as per 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 visi not more than 500 words

"Alumni of the Institute in combating the challenges of our nation The Diamond Jubilee celebrated in the year 2016 is reminding us successful engineers graduated from CIT. Our alumni network is v presence is very much felt and recognized wherever they work. 1 responsibilities clearly reiterate the Vision of the Institution strives to inculcate a sound knowledge in engineering along with responsibilities to enable its students to combat the current and i faced by our country and to extend their expertise to the global are notable alumni of the institute is given below, considering the &

#### Provide the weblink of the institution

http://www.cit.edu.in

## 8. Future Plans of Actions for Next Academic Year

No data enetered!!!