

AQAR
for the year
2015-16

The Annual Quality Assurance Report (AQAR) of the IQAC

Part – A

AQAR for the year

2015-16

1. Details of the Institution

1.1 Name of the Institution

CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY

1.2 Address Line 1

CHAITANYA BHARATHI P.O., GANDIPET, KOKAPET(V)

Address Line 2

RAJENDRANAGAR(MD), RANGAREDDY (DIST)

City/Town

HYDERABAD

State

TELANGANA

Pin Code

500075

Institution e-mail address

principal@cbit.ac.in

Contact Nos.

1: 8466997201

2: 9866141821

Name of the Head of the Institution:

Dr. B. Chennakesava Rao

Tel. No. with STD Code:

+9140-24193276, +9140-24193277

Mobile:

91-8466997201 and 91- 9866141821

Name of the IQAC Co-ordinator:

Prof. Suresh Pabboju

Mobile:

91-9885313161

IQAC e-mail address:

iqac@cbit.ac.in

1.3 NAAC Track ID (For ex. MHC0GN 18879)

OR

1.4 NAAC Executive Committee No. & Date:

EC/53/A&A/01 dated 04-09-2010

1.5 Website address:

www.cbit.ac.in

Web-link of the AQAR:

<http://cbit.ac.in/files/AQAR-2015-16.pdf>

1.6 Accreditation Details

Sl. No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1 st Cycle	B	2.73	2010	5 Years

1.7 Date of Establishment of IQAC : DD/MM/YYYY

27/04/2011

1.8 Details of the previous year's AQAR submitted to NAAC after the latest Assessment and Accreditation by NAAC

- i. AQAR 2011-12 submitted to NAAC on 26/09/2012
- ii. AQAR 2012-13 submitted to NAAC on 05/08/2013
- iii. AQAR 2013-14 submitted to NAAC on 07/08/2014
- iv. AQAR 2014-15 submitted to NAAC on 06/08/2015
- v. AQAR 2015-16 submitted to NAAC on 09/09/2016

1.9 Institutional Status

University State Central Deemed Private

Affiliated College Yes No

Constituent College Yes No

Autonomous college of UGC Yes No

Regulatory Agency approved Institution
(eg. AICTE, BCI, MCI, PCI, NCI) Yes No

Type of Institution Co-education Men Women

Urban Rural Tribal

Financial Status Grant-in-aid UGC 2(f) UGC 12B

1.10 Type of Faculty/Programme

Arts Science Commerce Law PEI

TEI Engineering Management

Others

1.11 Name of the Affiliating University (*for the Colleges*)

1.12 Special status conferred by Central/ State Government-- UGC/CSIR/DST/DBT/ICMR etc

Autonomy by State/Central Govt. / University

University with Potential for Excellence UGC-CPE

DST Star Scheme UGC-CE

UGC-Special Assistance Programme DST-FIST

UGC-Innovative PG programmes Any other (UGC-Autonomous)

UGC-COP Programmes

2. IQAC Composition and Activities

2.1	No. of Teachers	<input type="text" value="06"/>
2.2	No. of Administrative/Technical staff	<input type="text" value="01"/>
2.3	No. of students	<input type="text" value="02"/>
2.4	No. of Management representatives	<input type="text" value="02"/>
2.5	No. of Alumni	<input type="text" value="02"/>
2.6	No. of any other stakeholder and community representatives	<input type="text" value="01"/>
2.7	No. of Employers/ Industrialists	<input type="text" value="01"/>
2.8	No. of other External Experts	<input type="text" value="01"/>
2.9	Total No. of members	<input type="text" value="16"/>

2.10 No. of IQAC meetings held

2.11 No. of meetings with various stakeholders: No. Faculty
Non-Teaching Staff Students Alumni Others

2.12 Has IQAC received any funding from UGC during the year? Yes No

If yes, mention the amount

2.13 Seminars and Conferences (only quality related)

(i) No. of Seminars/Conferences/ Workshops/Symposia organized by the IQAC

Total Nos. International National State Institution Level

(ii) Themes

2.14 Significant Activities and contributions made by IQAC

- Sensitisation of all stakeholders towards quality sustenance
- Assurance of timely conduct of academic schedule
- Increase in research outputs as evidenced by increase in research publications and research grants

2.15 Plan of Action by IQAC/Outcome

The plan of action chalked out by the IQAC in the beginning of the year towards quality enhancement and the outcome achieved by the end of the year 2015-16.

Plan of Action	Achievements
Preparation of academic schedule	Almanac for the academic year 2015-16 has been prepared in time, communicated to all concerned and hosted on the college website
Increase the quality research output	Towards achieving the goal of quality research output, the college is providing the state of the art research facilities as well as extending all the support including TA/DA and paid leave
Increase in research grants	The teachers are constantly encouraged to submit proposals to various funding agencies
Introducing CBCS	The college took measures to implement the CBCS in all programmes
Industry - Institute Collaborations	New linkages have been established and regular meetings with representatives of industries have been conducted

(Academic Calendar of the year is attached as Annexure-I)

2.16 Whether the AQAR was placed in statutory body Yes No

Management Syndicate Any other body

Provide the details of the action taken

The proposed plan of action has been placed before the IQAC for discussion and approval. The AQAR has been scrutinized and approved for implementation.

Part – B

Criterion – I

1. Curricular Aspects

1.1 Details about Academic Programmes

Level of the Programme	Number of existing Programmes	Number of programmes added during the year	Number of self-financing programmes	Number of value added / Career Oriented programmes
PhD	-	-	-	-
PG	11	-	-	-
UG	9	-	-	-
PG Diploma	-	-	-	-
Advanced Diploma	-	-	-	-
Diploma	-	-	-	-
Certificate	-	-	-	-
Others	-	-	-	-
Total	20	-	-	-

Interdisciplinary	-	-	-	-
Innovative	-	-	-	-

1.2 (i) Flexibility of the Curriculum: CBCS/~~Core~~/~~Elective option~~ / ~~Open options~~

(ii) Pattern of programmes:

Pattern	Number of programmes
Semester	20 (UG : 9, PG : 11)
Trimester	-
Annual	-

1.3 Feedback from stakeholders
* (On all aspects)

Alumni Parents Employers Students

Mode of feedback : Online Manual Co-operating schools (for PEI)

1.4 Whether there is any revision/update of regulation or syllabi, if yes, mention their salient aspects.

- CBCS will be introduced wef 2016-17
- keeping in pace with the UGC mandate on regular revision of syllabi of courses, the Chairpersons of Board of Studies of concerned programmes/courses are taking timely action to upgrade or revise the syllabi as necessary
- The syllabus for final year BE/BTech programmers have been finalized under CBIT(A)
- Compared to the university curriculum, in CBIT(A) three electives have been introduced. The students have choice to choose an open elective also
- Advanced subjects such as IoT, additive manufacturing, Big Data Analytics, advanced simulation lab, etc. have been introduced in the engineering curriculum

1.5 Any new Department/Centre introduced during the year. If yes, give details.

No

Criterion – II

2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty

Total	Asst. Professors	Associate Professors	Professors	Others
191	116	46	29	-

2.2 No. of permanent faculty with Ph.D.:

75

2.3 No. of Faculty Positions Recruited (R) and Vacant (V) during the year

Asst. Professors		Associate Professors		Professors		Others		Total	
R	V	R	V	R	V	R	V	R	V
0	-	0	-	0	-	0	-	0	-

2.4 No. of Guest and Visiting faculty and Temporary faculty

0 5 119

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended	105	69	0
Presented papers	120	43	1
Resource Persons	09	25	-

2.6 Innovative processes adopted by the institution in Teaching and Learning:

- About 80% of classrooms are fitted with LCDs and/or Visualizers to achieve targets and efforts are also made to provide e-learning resources to students.

- Thrust is given to offer adequate practical exposure to the students through field and industry orientated courses.
- Development of industry oriented courses
- Computer aided teaching: ICT enabled teaching
- Interactive sessions by conducting quiz at the end of each topic
- Adoption of e-resources such NPTL video lessons, course material from MIT and other open sources
- Project Internships
- Group discussions
- Technical paper presentations in seminars and conferences, etc.
- Organizing guest lectures by inviting faculty/resource persons from reputed colleges and industry
- Use of web resources

2.7 Total No. of actual teaching days during this academic year

181

2.8 Examination/ Evaluation Reforms initiated by the Institution (for example: Open Book Examination, Bar Coding, Double Valuation, Photocopy, Online Multiple Choice Questions)

Bar Coding, Double valuation for revaluation

2.9 No. of faculty members involved in curriculum restructuring/ revision/ syllabus development as member of Board of Study/Faculty/Curriculum Development workshop

55 | 77 | 31

2.10 Average percentage of attendance of students

UG : 76.73, PG : 80.38

2.11 Course/Programme wise distribution of pass percentage:

Title of the Programme	Total no. of students appeared	Division				
		Distinction %	I %	II %	III %	Pass %
UG						
CIVIL						
CSE	145	68	23	3	-	94
EEE	73	58.9	27.4	2.74	-	89.04
ECE	176	81.81	12.5	3.409	-	97.72
MECH	118	83.9	15.2	3.38	-	99.15
PROD	53	67.92	20.75	7.55	-	96.23
IT	72	37	22	06	-	90.28
CHEM	71	32.3	16.9	-	-	49.29
BIO-TECH	57	61.4	26.32	12.28	-	100
PG						
CIVIL-SE	19					47.4

CIVIL-EQ	-	-	-	-	-	-
CSE	21	52	47	-	-	100
IT-CNIS	07					85.71
ECE-CE	13	38.46	30.76	-	-	69.23
ECE-ES&VLSI	13	38.46	53.84	-	-	92.30
MECH-TE	12	83.33	16.67	-	-	100
MECH-CAD/CAM	13	84.62	15.38	-	-	100
EEE-PS&PE	08	37.5	50	12.5	-	100
MBA	115	80.86	9.56	-	-	90.43
MCA	37	41	51	-	-	97

2.12 How does IQAC Contribute/Monitor/Evaluate the Teaching & Learning processes :

The IQAC in close coordination with administrators and other officials, has taken several steps to ensure implementation of teaching, learning and evaluation processes with the aim of achieving high standards. The IQAC has also been sending information periodically about quality improvement inputs and quality assurance measures.

2.13 Initiatives undertaken towards faculty development

<i>Faculty / Staff Development Programmes</i>	<i>Number of faculty benefitted</i>
Refresher courses	1
UGC – Faculty Improvement Programme	2
HRD programmes	2
Orientation programmes	5
Faculty exchange programme	0
Staff training conducted by the university	9
Staff training conducted by other institutions	21
Summer / Winter schools, Workshops, etc.	66
Others	12

2.14 Details of Administrative and Technical staff

Category	Number of Permanent Employees	Number of Vacant Positions	Number of permanent positions filled during the Year	Number of positions filled temporarily
Administrative Staff	104	-	-	25
Technical Staff	91	-	-	21

Criterion – III

3. Research, Consultancy and Extension

3.1 Initiatives of the IQAC in Sensitizing/Promoting Research Climate in the institution

The IQAC in coordination with Dean-R&D conducts meetings for sensitizing and promoting research climate in the College. The IQAC through Research, Development and Consultancy Centre has sensitized the faculty to obtain research grants for conducting quality research and publishing research findings in peer reviewed, impact factored journals.

3.2 Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number	1	7	7	0
Outlay in Rs. Lakhs	7.85	142.33	52.66	0

3.3 Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number	5	2	5	5
Outlay in Rs. Lakhs	1.94	0.8	2.04	3

3.4 Details on research publications

	International	National	Others
Peer Review Journals	153	18	-
Non-Peer Review Journals	3	1	-
e-Journals	38	2	-
Conference proceedings	78	40	4

3.5 Details on Impact factor of publications:

Range Average h-index Nos. in SCOPUS

3.6 Research funds sanctioned and received from various funding agencies, industry and other organisations

Nature of the Project	Duration Year	Name of the funding Agency	Total grant Sanctioned (in Rs lakhs)	Received
Major projects	3 year	DST	21.6	
	1 year	AICTE	20	
	1 year	RCI	9.75	
	3 year	ISRO	17.66	
Minor Projects				
Interdisciplinary Projects				
Industry sponsored				
Projects sponsored by the University/ College	1 year	CBIT	0.5	0.5
Students research projects (other than compulsory by the University)				

Any other(Specify)				
Total				

3.7 No. of books published i) With ISBN No Chapters in Edited

ii) Without ISBN No.

3.8 No. of University Departments receiving funds from

UGC-SAP CAS DST-FIST

DPE DBT

3.9 For colleges

Autonomy CPE DBT Star Scheme

INSPIRE CE Any Other (specify)

3.10 Revenue generated through consultancy

3.11 No. of conferences organized by the Institution

Level	International	National	State	University	College
Number	1	11	-	-	2
Sponsoring agencies		CBIT- TEQIP			CBIT- TEQIP

3.12 No. of faculty served as experts, chairpersons or resource persons

3.13 No. of collaborations

International National Any other

3.14 No. of linkages created during this year

3.15 Total budget for research for current year in lakhs:

From Funding agency From Management of University/College

Total

3.16 No. of patents received this year

Type of Patent		Number
National	Applied	3
	Granted	-
International	Applied	-
	Granted	-
Commercialised	Applied	-
	Granted	-

3.17 No. of research awards/ recognitions received by faculty and research fellows
Of the institute in the year

Total	International	National	State	University	Dist	College
02	01	-	01			

3.18 No. of faculty from the Institution who are Ph. D. Guides
and students registered under them

3.19 No. of Ph.D. awarded by faculty from the Institution

3.20 No. of Research scholars receiving the Fellowships (Newly enrolled + existing ones)

JRF SRF Project Fellows Any other

3.21 No. of students Participated in NSS events:

University level State level

National level International level

3.22 No. of students participated in NCC events:

University level State level

National level International level

3.23 No. of Awards won in NSS:

University level State level

National level International level

3.24 No. of Awards won in NCC:

University level State level

National level International level

3.25 No. of Extension activities organized

University forum College forum

NCC NSS Any other

3.26 Major Activities during the year in the sphere of extension activities and Institutional Social Responsibility

- Issue of Voter ID card to students and staff
- Blood Donation Camp by students and staff
- First Aid training programme to students and Transport Drivers
- Awareness Programme on Anti Ragging

Criterion – IV

4. Infrastructure and Learning Resources

4.1 Details of increase in infrastructure facilities:

Facilities	Existing	Newly created	Source of Fund	Total
Campus area	50.32 acres	-	CBIT	50.32 acres
Class rooms	102	05	CBIT	107
Laboratories	92	03	CBIT	95
Seminar Halls	13	-	CBIT	13
No. of important equipments purchased (\geq 1-0 lakh) during the current year.				
Value of the equipment purchased during the year (Rs. in Lakhs)	267.17	94.77	CBIT	361.94
Others	5 (drawing halls)			5

4.2 Computerization of administration and library

Computerisation of the CBIT- Library & Information Centre

CBIT Library & Information centre automated its housekeeping operations by using NewGenLib: an integrated Library automation software.

Library created its resources Database and provided Online Public Access Catalogue (OPAC) through which users can be accessed from any of the computer connected in the campus LAN to know available resources and the status of the book.

Institute Library & Information is subscribing online e-books and e-journals databases as per the requirement of the institute and also AICTE. Provided IP based access and these journals can be accessed from any computer connected in the campus LAN.

It has subscribed Federated Search tool i.e. **Kimbus** to search the articles from multiple databases

It has an exclusive Server with Content Management Software for e-learning. This facility enables the staff and students to access e-learning resources such as NPTEL Lectures, MIT Lectures etc..

For the effective utilisation of resources, it will conduct / arranged a Information Literacy training programs to the staff and students based on the assessment level of skill of the users. Depending on the need every year 3-4 programs will arranged for the users.

CBIT Library & Information centre is part of Resources sharing Networks such as NLIST-INFLIBNET and AICTE-INDEST.

Library has an exclusive Library Website: <http://library.cbit.ac.in>

4.3 Library services:

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books	82,472	1,70,30,522	1645	6,71,557	82,472	1,77,02,079
Reference Books						
Journals	139	1,28,000	139	1,28,000	139	1,28,000
e-Books	5,000+	23,60,072	5,000+	23,60,072	5,000+	23,60,072
e-Journals						
Digital Database						
CD & Video	3,577		149		3,726	
Others (specify)				8,00,000		

4.4 Technology up gradation (overall)

	Total Computer s	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Department s	Oth ers
Existing	1140	29	100 mbps	01	01			
Added	300	01	30 mbps	-	-			
Total	1440	30	130 mbps	01	01			

4.5 Computer, Internet access, training to teachers and students and any other programme for technology upgradation (Networking, e-Governance etc.)

- Up-gradation of hardware and software was being attempted from time to time.
- Antivirus software and Microsoft Licensed Software under Campus Agreement have been procured and supplied to departments of the College for installation in all desktop computers/ laptops purchased
- The website is being updated regularly.

4.6 Amount spent on maintenance in lakhs :

i) ICT	11.6
ii) Campus Infrastructure and facilities	33.99
iii) Equipments	7.43
iv) Others	18.94
Total :	71.96

Criterion – V

5. Student Support and Progression

5.1 Contribution of IQAC in enhancing awareness about Student Support Services

- The College has several support services and general facilities for students.
- The IQAC insists all the departments to incorporate the information about the availability of such services and facilities available to all the students every year.
- The details are also available on the College web portal.

5.2 Efforts made by the institution for tracking the progression

- The College ensures efficient student progression through timely intervention and counseling through Counselors and Placement Officer at various levels.
- The mentoring system exists in the College also ensures retention and progression of students into research careers.
- The respective departments keep track of student progression.

5.3 (a) Total Number of students	UG	PG	Ph. D.	Others
	4196	581	-	-

(b) No. of students outside the state 13

(c) No. of international students 41

	No	%		No	%
Men	2936	61	Women	1837	39

Last Year						This Year					
General	SC	ST	OBC	PC	Total	General	SC	ST	OBC	PC	Total
2093	510	199	1708	41	4551	2196	520	209	1808	44	4777

Demand ratio	-	Dropout %	0.23
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5.4 Details of student support mechanism for coaching for competitive examinations (If any)

- The institute library is well equipped with periodicals, competitive examination books and other required materials for preparation
- Computer labs with internet and Wi-Fi are provided to students beyond the class hours to facilitate preparation for the competitive exams
- Career Guidance Cell, in coordination with Training and Placement Office also facilitates guest lectures to bring awareness about various career options to the students through such competitive exams
- Valuable suggestions and support is extended by the faculty, as and when required.
- Activities like mock group discussions, quizzes, spoken English exercises also help the students for preparation

No. of students beneficiaries -

5.5 No. of students qualified in these examinations

NET	<input type="text" value="-"/>	SET/SLET	<input type="text" value="-"/>	CAT	<input type="text" value="06"/>	GATE	<input type="text" value="60"/>
IAS/IPS etc	<input type="text" value="-"/>	State PSC	<input type="text" value="06"/>	UPSC	<input type="text" value="-"/>	Others	<input type="text" value="115"/>

5.6 Details of student counselling and career guidance

- The faculty are nominated as class in-charges for counselling the student of their respective classes assigned, regarding attendance / Semester End Examination marks / sessional marks, personal problems, etc.

No. of students benefitted

5.7 Details of campus placement

<i>On campus</i>			<i>Off Campus</i>
Number of Organizations Visited	Number of Students Participated	Number of Students Placed	Number of Students Placed
54	927	670	NA

5.8 Details of gender sensitization programmes

"Pranic Healing and Stress Management in the Work Place", by Ms. Swarnalatha, A pranic healer, on 8th March 2016

5.9 Students Activities

5.9.1 No. of students participated in Sports, Games and other events

State/ University level National level International level

No. of students participated in cultural events

State/ University level National level International level

5.9.2 No. of medals /awards won by students in Sports, Games and other events

Sports: State/ University level National level International level

Cultural: State/ University level National level International level

5.10 Scholarships and Financial Support

	Number of students	Amount (Lakhs)
Financial support from institution	-	-
Financial support from government	2114	1750.84
Financial support from other sources	28	14.24 (TEQIP)
Number of students who received International/ National recognitions	-	-

5.11 Student organised / initiatives

Fairs: State/ University level National level International level

Exhibition: State/ University level National level International level

5.12 No. of social initiatives undertaken by the students

5.13 Major grievances of students (if any) redressed:

Criterion – VI

6. Governance, Leadership and Management

6.1 State the Vision and Mission of the institution

Vision-'To be a Centre of Excellence in Technical Education and Research'
Mission-'To address the Emerging Needs through Quality Technical Education and Advanced Research'

6.2 Does the Institution has a management Information System

Although no full-fledged Management Information System exists in the institute, efforts are on to integrate the existing standalone information systems such as College Information System, Employees Information System, Student Information System, etc.

6.3 Quality improvement strategies adopted by the institution for each of the following:

6.3.1 Curriculum Development

As per the UGC norms and after due consideration of the recommendations of the departmental committees and Stakeholders, the respective Boards of Studies of different departments have been developing new curricular models and updating the syllabi.

6.3.2 Teaching and Learning

The College encourages additional related methods of learning such as field visits/work, industrial visits, mentoring and other remedial measures.

6.3.3 Examination and Evaluation

- The examination scheme follows a process of continuous evaluation comprising internal assessments, assignments, seminars, and semester-end examinations.
- The evaluation process follow SGPA and CGPA methods of scoring on a ten-point scale as per affiliating University/ UGC guide lines

6.3.4 Research and Development

Facilities for Research and Development are provided to encourage research and development ensuring their optimal use and proper maintenance, and conducting training programmes, resulting in research publications with good impact factor.

6.3.5 Library, ICT and physical infrastructure / instrumentation

- Library created its resources Database and provided Online Public Access

Catalogue (OPAC) through which users can be accessed from any of the computer connected in the campus LAN to know available resources and the status of the book.

- Institute Library & Information is subscribing online e-books and e-journals databases as per the requirement of the institute and also AICTE. Provided IP based access and these journals can be accessed from any computer connected in the campus LAN.
- It has subscribed Federated Search tool i.e. **Kimbus** to search the articles from multiple databases
- It has an exclusive Server with Content Management Software for e-learning. This facility enables the staff and students to access e-learning resources such as NPTEL Lectures, MIT Lectures etc..
- For the effective utilisation of resources, it will conduct / arranged a Information Literacy training programs to the staff and students based on the assessment level of skill of the users. Depending on the need every year 3-4 programs will arranged for the users.
- CBIT Library & Information centre is part of Resources sharing Networks such as NLIST-INFLIBNET and AICTE-INDEST.

6.3.6 Human Resource Management

- Senior faculty members are deputed to Management Capacity Enhancement Programmes organized by IIMs.
- Training programmes on instrumentation techniques and quantitative analysis of research data are conducted.
- Faculty members are sponsored to participate in Faculty development /Orientation Programmes.
- Faculty and researchers are encouraged to participate in national and international conferences.

6.3.7 Faculty and Staff recruitment

- Written test for screening is conducted for the posts of assistant professor, followed by interview.
- For the posts of associate professor and professor, preliminary screening is done by API score followed by interview.
- For all the above mentioned posts, the eligible criteria is strictly followed as per the guidelines of AICTE and the advertisement for the recruitment of the posts is given in the leading national and regional newspaper, in addition to college website.
- Staff recruitment is done as per State Government norms.

6.3.8 Industry Interaction / Collaboration

With constant encouragement by the management, the departments constantly strive to enter into MoUs with the industries to provide summer internships, research projects and industry visits for the students and training programs for the staff.

6.3.9 Admission of Students

The admission process followed in the college is through two categories namely Category-A (Convener quota) and Category-B (Management/NRI quota) as per the norms prescribed by the State Government.

Category-A (Convener quota):

In category-A, 70% of the seats are filled through convener quota following reservation norms specified by the government.

UG: Admissions into UG programmes in the college are made by Convener, EAMCET, who is nominated by the State Government. The admissions are based on the state-wide ranks obtained by students in EAMCET entrance exam.

PG: Admissions into PG programmes are based on the merit of candidates in GATE, PGECET and ICET conducted by TSCHE. These admissions are made by Convener, PG Admissions.

Category-B (Management/NRI quota):

In Category-B, out of 30% of the seats, not more than 15% seats are allocated to NRI/NRI sponsored category.

UG: The admissions though based on merit, the merit criteria is decided by the State Government from time to time like, AIEEE/IIT JEE mains, EAMCET ranks, Intermediate Public Examinations (IPE) marks.

PG: The admissions are based on merit: the order of merit is GATE score, PGECET ranks for ME/M.Tech, ICET ranks for MBA & MCA and the left over seats, if any are filled on the basis of UG marks.

6.4 Welfare schemes for

Teaching	Rs. 2.03 Lakhs
Non-teaching	Rs. 11.86 Lakhs
Students	-

6.5 Total corpus fund generated

942.84(Capital fund as on 31-03-2016 is 2404.44 lakhs)

6.6 Whether annual financial audit has been done

Yes

No

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

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

6.8 Does the University/ Autonomous College declares results within 30 days?

For UG Programmes Yes No

For PG Programmes Yes No

6.9 What efforts are made by the University/ Autonomous College for Examination Reforms?

The college has an integrated software for the purpose of academic and examinations. The features of the software package are:

- **Pre-Examination processes:** OMR generation, list generation, attendance sheet, online payment gateway for exam fee payment, seating plan, D-form generation etc.
- **Examination Process** - Examination material like bar-coded OMR for main answer book.
- **Post examination:** Attendance capture, OMR based exam result, auto processing, moderation, generic result processing and grade sheet printing etc.

6.10 What efforts are made by the University to promote autonomy in the affiliated/constituent colleges?

Not Applicable

6.11 Activities and support from the Alumni Association

CBIT has an active Alumni Association CHAITANYA SMRUTI plays an important role in the holistic development of institution. Some of the activities from the Alumni Association are:

- Celebrating Reunion Day on December 25th of every year
- Organizing Carpediem, the biennial Techno-Cultural fest of the institute
- Delivering guest lectures and mentoring the students

Alumni Association also supports by providing financial help to the economically back ward students and providing constructive feedback on curriculum development, teaching-learning, research and infrastructural facilities, library, sports and canteen facilities, etc, which contributes to the overall development of Institute.

6.12 Activities and support from the Parent – Teacher Association

The parent-teacher associations are in place in the college. PTA meetings are conducted to get inputs for improving the teaching and learning environment. Head of the Institution, HoD's and teachers interact with the parents as and when required to communicate academic progress, attendance and their behavioral issues, if any. Distinguished parents provide valuable feedback on curriculum development, teaching-learning, research and infrastructural facilities, library, sports and canteen facilities, etc, which contributes to the overall development of Institute.

6.13 Development programmes for support staff

The supporting staff members are encouraged to upgrade their skills by being deputed to relevant authorized /recognized training centers in their respective trades/fields.

6.14 Initiatives taken by the institution to make the campus eco-friendly

Some of the initiatives taken by the institution to make the campus eco-friendly are plantation drives, rain harvestings, save energy campaigns, save water campaigns, Swachh Bharat programmes, generation and use of solar energy, construction of check dams, etc.

Criterion – VII

7. Innovations and Best Practices

7.1 Innovations introduced during this academic year which have created a positive impact on the functioning of the institution. Give details.

Proposed to change lecture hour duration from 50 minutes to 60 minutes. To facilitate the same, the college working hours increased by 15 minutes.

7.2 Provide the Action Taken Report (ATR) based on the plan of action decided upon at the beginning of the year

The minutes were forwarded to respective departments/sections for effective implementation of the 'Action Plan'. At the end of the academic year, all the directions in action plan have been successfully implemented.

7.3 Give two Best Practices of the institution (please see the format in the NAAC Self-study Manuals)

Two Best Practices of the institution are attached as Annexure - II

7.4 Contribution to environmental awareness / protection

- PARIVRITA, an environmental club, creates awareness about the issues of environment among the students and the need to protect it. It also sensitizes the students to take part in Environment and Sustainability related activities.
- The institution is very much committed to preserve and protect environment in its entirety. A qualified and experienced horticulturist takes care of developing and maintaining greenery. The green cover encompasses 40% of the campus land area with various shady trees like Delonix, Pongamia, Palm and Neem species alongside the lush green lawns endowed with various crotons and supported by hedges, Ashokas. The college has taken its share of social responsibility in reducing carbon emission through renewable energy source like solar energy for computer labs in mechanical engineering department and lamps in the entire CBIT campus. The conventional lighting is steadily replaced with CFL and LED lamps. There is an adequate mechanism prevails in the institute for maintaining and protecting the green environment.

7.5 Whether environmental audit was conducted? Yes No

7.6 Any other relevant information the institution wishes to add. (for example SWOT Analysis)

SWOC ANALYSIS

STRENGTHS:

Recognition:

- CBIT is ranked 71 in the country and is the only self financing Institute in the State of Telangana in top 100 Engineering colleges by NIRF, MHRD, India (2016)
- 57th position out of top 100 Engineering Colleges in the country, 15th out of top 100 Private Engineering colleges in the country, 10th out of top 72 private Engineering colleges in South Zone – by The Week Magazine (June, 2015)

- 31st position out of top 100 Engineering Colleges in the country - by Out Look Magazine (July, 2016)
- University of Bradford, UK & Education matters conferred the “Engineering Education award” to CBIT for the exemplary commitment and impactful positive contribution to the education sector
- Twenty two students of Mechanical Engineering participated in an event organized by ATA Formula Society for Mechanical Engineering (FSAE) held at “ITALY” on Race Car building in the month of September ‘2015

Accreditation:

- Accredited by NBA (AICTE) in 1998, 2004, 2008 and 2013.
- Five PG programmes have been accredited by NBA (AICTE) in May 2016.
- Accredited by NAAC (UGC) in 2010.
- ISO 9001:2008 certified Institutions

Quality improvement support:

Technical Education Quality Improvement Program, Second Phase (TEQIP-II) project of Ministry of Human Resources Department of Central Government with World Bank Assistance and the total project cost of Rs. 600.00 lakhs for implementing the activities permitted under Sub-Component 1.1 for Improving Quality of Education, strengthening the institution to improve Learning outcomes and Employability of Graduates.

Placements:

It has credibility of achieving campus placements for most of the eligible and interested students during the past 5 years.

Human resource:

It has qualified, competent, well experienced and young dynamic faculty and is known for its high retention factor.

Students Outcome:

The pass percentage is consistent with 95% on an average out of which 87% of the students are passing either in distinction or in first class. More than 75% of the students are being placed in highly reputed companies through campus placements. The remaining students are pursuing their higher education, seeking public sector jobs or becoming entrepreneurs.

Autonomous Status:

Autonomous status confirmed by the UGC (w.e.f academic year 2013-14) enabled the Institute flexibility in starting new programmes and new courses in existing programmes to meet ever changing needs of the industry.

Alumni:

Strong and active Alumni Association is the strength of the Institution

Research and Consultancy:

Institute has good number of research projects funded by various funding agencies like DST, UGC, AICTE, DRDO, BHEL, etc., and the college is encouraging its faculty and students to carry out research projects by extending financial support. Good number of consultancy projects are undertaken by the Institute.

WEAKNESSES:

Non availability of 24x7 campus:

Due to non availability of staff quarters and hostels for students, the resources available in the institute are underutilized.

Database Center:

Due to non-availability of database center, collecting and compiling data for various reports to make for accreditation is not effective.

Research and Consultancy:

Even though good number of research and consultancy projects are undertaken by the institute, there is unequal contribution from all the departments.

Limited Facilities:

In spite of having good number of well qualified faculty, there is still a shortage of PhD qualified faculty in some of the departments. Quality Improvement Programme (QIP) for faculty to pursue PhD is not active.

OPPORTUNITIES:

Financial Resources:

Potential areas for growth and higher performance with the help of enormous funding in 11th plan. The acts of UGC/AICTE/CSIR are providing enough financial resources to promote faculty development and research.

Collaborations:

With Foreign Universities to get admission for further studies, work, do project or research, and exchange ideas.

Continuous learning:

For both teachers and students, improving employability opportunities.

Development Centre:

Establishment of Skills and Personality development centre with the available funds.

Enhance Industry-

Academia Interface: Practical exposure

CHALLENGES

Facing Competitors:

It will be a challenge to attract the top ranking students in future because of increasing competition.

Changing Trends:

Changing national and global trends in technology / marketing and policies.

Demand and Supply Gap:

Mismatch between demand and supply of good faculty in terms of quality and quantity.

8. Plans of institution for next year

- To complete the 2nd Cycle of Accreditation by the NAAC
- To implement CBCS at UG and PG level
- To take action to for the deployment of closed circuit cameras on entire campus
- To initiate and strengthen the green initiatives and conduct energy and green audit
- To strengthen the teaching-learning process
- To promote 'Swacch CBIT' further
- Acquire Deemed to be University Status
- Centers of Excellence in Engineering and Technology
- to setup Incubation Centers
- Strengthening of Academic and R&D programmes in collaboration with reputed Universities and Industry
- more departments to be recognized as Research Centers
- Improving Placements in Core Sector
- Automation of Administrative and Academic Sections
- Construction of Girls Hostel and adequate Staff Quarters.

- Strengthening EDC & IIPC.
- Construction of state-of-the-art Auditorium.
- More collaborative programmes with Foreign Universities.
- To improve Industry Institute Interactions.
- To encourage faculty to publish technical papers in reputed journals.
- To depute more faculty for Conferences/Workshops etc
- To obtain accreditation for all eligible UG & PG programmes
- To encourage students to take part in National/International conferences and publish their Research work.
- To modernize laboratories
- To depute supporting staff for training

Name : Prof. B. Chennakesava Rao
Chairperson, IQAC
Principal, CBIT

Name : Prof. Suresh Pabboju
Coordinator, IQAC


Signature of the Chairperson, IQAC


Signature of the Coordinator, IQAC

PRINCIPAL
Chaitanya Bharathi Institute
of Technology
GANDIPET, R. R. (Dist.)
HYDERABAD - 500 075



Academic Calendar for the academic year 2015-16**CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY (A)**

HYDERABAD – 500075

No. 52/CDAAC/2015

Date: 30-07-2015

To
The Heads of the Departments

Sub: **Almanac-** I/IV B.E and B.Tech-Academic year **2015-2016** - reg.
Ref: HODs meeting held on 30-07-2015

As discussed in the meeting cited, I am desired to communicate the **Almanac** of I/IV B.E and B.Tech for the academic year **2015-2016**.

I-Semester (16-Weeks Instruction, 1-Week Dasara Vacation) Total:17 weeks

1	ORIENTATION PROGRAM & COMMENCEMENT OF CLASSES	03-08-2015
2	SUDHEE : TECHNICAL SYMPOSIUM	07-09-2015 & 08-09-2015
3	I-CLASS TEST(8 th Week)	21-09-2015 to 24-09-2015
4	DASARA VACATION (12 th Week)	19-10-2015 to 25-10-2015
5	II-CLASS TEST (17 th Week)	25-11-2015 to 28-11-2015
6	LAST DATE OF INSTRUCTION	28-11-2015
7	PREPARATION AND PRACTICAL EXAMS	30-11-2015 to 12-12-2015
8	COMMENCEMENT OF THEORY EXAMS	14-12-2015

II-Semester (16-Weeks Instruction, 1-Week PONGAL Vacation) Total:17weeks

1.	COMMENCEMENT OF CLASSES	04-01-2016
2.	PONGAL VACATION(2 nd Week)	11-01-2016 to 17-01-2016
3.	COLLEGE ANNUAL DAY CELEBRATIONS SHRUTHI 2016(9 th Week)	03-03-2016 to 05-03-2016
4.	I-CLASS TEST(10 th Week)	08-03-2016 to 11-03-2016
5.	II-CLASS TEST(17 th Week)	25-04-2016 to 28-04-2016
6.	LAST DATE OF INSTRUCTION	30-04-2016
7.	PREPARATION AND PRACTICAL EXAMS	02-05-2016 to 14-05-2016
8.	COMMENCEMENT OF THEORY EXAMS	16-05-2016
9.	SUMMER VACATION*	02-05-2016 TO 02-07-2016
10.	COMMENCEMENT OF I-SEMESTER FOR THE ACADEMIC YEAR 2016-2017	04-07-2016

*Staff can avail summer vacation as per institute rules.

N.V. Kota

DEAN, CDAAC

To
The All the Heads, Dean(R&D), Dean(Student Welfare),
Controller of Examination, I/c AEC, T&PO, Librarian,
Physical Director, A.O ,PA to Principal

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CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY (A)

HYDERABAD – 500075

No. 49/CDAAC/2015

Date: 25-06-2015

To
All the Heads of the Departments

Sub: **Almanac**- Academic year **2015-2016** - reg.
Ref: i. 4th Academic council meeting held on 30-05-2015
ii. http://www.osmania.ac.in/Almanacs2015/Almanac_of_B.E_040615.pdf
iii. Approval letter from Principal, dated 24-06-2015

I am desired to communicate the **Almanac** of the following UG/PG programs for the academic year **2015-16**.

1) 2/4,3/4 and 4/4 B.E & B.Tech 2) 2/3 and 3/3 MCA 3) 2/2 MBA

I-Semester (16-Weeks Instruction, 1-Week Dasara Vacation) Total:17 weeks

1.	COMMENCEMENT OF CLASSES	13-07-2015
2.	I-CLASS TEST(8 th Week)	31-08-2015 to 02-09-2015 31-08-2015 to 03-09-2015 (For MBA)
3.	SUDHEE : TECHNICAL SYMPOSIUM (9 th Week)	07-09-2015 to 08-09-2015
4.	DASARA VACATION (15 th Week)	19-10-2015 to 24-10-2015
5.	II-CLASS TEST (17 th Week)	04-11-2015 to 06-11-2015 03-11-2015 to 06-11-2015 (for MBA)
6.	LAST DATE OF INSTRUCTION	06-11-2015
7.	PREPARATION AND PRACTICAL EXAMS*	09-11-2015 to 28-11-2015
8.	COMMENCEMENT OF THEORY EXAMS	30-11-2015

*Conducting of Practical examinations may be planned from 10-11-2015 onwards

II-Semester (16-Weeks Instruction, 1-Week PONGAL Vacation) Total:17weeks

1.	COMMENCEMENT OF CLASSES	28-12-2015
2.	PONGAL VACATION(3 rd Week)	11-01-2016 to 17-01-2016
3.	I-CLASS TEST(9 th Week)	22-02-2016 to 24-02-2016 22-02-2016 to 25-02-2016 (for MBA)
4.	COLLEGE ANNUAL DAY CELEBRATIONS SHRUTHI 2016(10 th Week)	03-03-2016 to 05-03-2016
5.	II-CLASS TEST(17 th Week)	21-04-2016 to 23-04-2016 20-04-2016 to 23-04-2016 (for MBA)
6.	LAST DATE OF INSTRUCTION	23-04-2016
7.	PREPARATION AND PRACTICAL EXAMS**	25-04-2016 to 07-05-2016
8.	COMMENCEMENT OF THEORY EXAMS	09-05-2016
9.	SUMMER VACATION	02-05-2016 TO 02-07-2016
10.	COMMENCEMENT OF I-SEMESTER FOR THE ACADEMIC YEAR 2016-2017	04-07-2016

**Conducting of Practical examinations may be planned from 26-04-2016 onwards

N.V. Kota

DEAN, CDAAC

To
The All the Heads, Dean(R&D),Dean(Student Welfare),
Controller of Examination, I/c AEC, T&PO, Librarian,
Physical Director, A.O ,PA to Principal

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CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY (A)

HYDERABAD – 500075

No. 49/CDAAC/2015

Date: 25-06-2015

To
All the Heads of the Departments

- Sub: **Almanac**- Academic year **2015-2016** - reg.
 Ref: i. 4th Academic council meeting held on 30-05-2015
 ii. http://www.osmania.ac.in/Almanacs2015/Almanac_of_B.E_040615.pdf
 iii. Approval letter from Principal, dated 24-06-2015

I am desired to communicate the **Almanac** of the following UG/PG programs for the academic year **2015-16**.

1) 2/4,3/4 and 4/4 B.E & B.Tech	2) 2/3 and 3/3 MCA	3) 2/2 MBA
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I-Semester (16-Weeks Instruction, 1-Week Dasara Vacation) Total:17 weeks

1.	COMMENCEMENT OF CLASSES	13-07-2015
2.	I-CLASS TEST(8 th Week)	31-08-2015 to 02-09-2015 31-08-2015 to 03-09-2015 (For MBA)
3.	SUDHEE : TECHNICAL SYMPOSIUM (9 th Week)	07-09-2015 to 08-09-2015
4.	DASARA VACATION (15 th Week)	19-10-2015 to 24-10-2015
5.	II-CLASS TEST (17 th Week)	04-11-2015 to 06-11-2015 03-11-2015 to 06-11-2015 (for MBA)
6.	LAST DATE OF INSTRUCTION	06-11-2015
7.	PREPARATION AND PRACTICAL EXAMS*	09-11-2015 to 28-11-2015
8.	COMMENCEMENT OF THEORY EXAMS	30-11-2015

*Conducting of Practical examinations may be planned from 10-11-2015 onwards

II-Semester (16-Weeks Instruction,1-Week PONGAL Vacation) Total:17weeks

1.	COMMENCEMENT OF CLASSES	28-12-2015
2.	PONGAL VACATION(3 rd Week)	11-01-2016 to 17-01-2016
3.	I-CLASS TEST(9 th Week)	22-02-2016 to 24-02-2016 22-02-2016 to 25-02-2016 (for MBA)
4.	COLLEGE ANNUAL DAY CELEBRATIONS SHRUTHI 2016(10 th Week)	03-03-2016 to 05-03-2016
5.	II-CLASS TEST(17 th Week)	21-04-2016 to 23-04-2016 20-04-2016 to 23-04-2016 (for MBA)
6.	LAST DATE OF INSTRUCTION	23-04-2016
7.	PREPARATION AND PRACTICAL EXAMS**	25-04-2016 to 07-05-2016
8.	COMMENCEMENT OF THEORY EXAMS	09-05-2016
9.	SUMMER VACATION	02-05-2016 TO 02-07-2016
10.	COMMENCEMENT OF I-SEMESTER FOR THE ACADEMIC YEAR 2016-2017	04-07-2016

**Conducting of Practical examinations may be planned from 26-04-2016 onwards

N.V. Kota

DEAN, CDAAC

To
The All the Heads, Dean(R&D),Dean(Student Welfare),
Controller of Examination, I/c AEC, T&PO, Librarian,
Physical Director, A.O ,PA to Principal

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CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY (A)

HYDERABAD – 500075

No. 55/CDAAC/2015

Date: 09-09-2015

To
The Heads of the Departments

Sub:- **Almanac of M.E/M.Tech (III-Semester and IV-Semester)- CBIT(A)-**
Academic year **2015-2016** - reg.
Ref:- HoDs meeting held on 30-07-2015.

As decided in the meeting, I am desired to communicate the **Almanac M.E/M.Tech (III-Semester and VI-Semester)**, for the academic year **2015-2016**.

Sl. No.	Particulars	III – Semester	IV – Semester
1.	Registration	21-09-2015	25-01-2016
2.	DASARA Vacation	19-10-2015 to 24-10-2015	
3.	PONGAL Vacation	11-01-2016 to 16-01-2016	
4.	Project Seminar (Presentation & Evaluation)	18-01-2016 to 23-01-2016	---
5.	SHRUTHI 2016		03-03-2016 to 05-03-2016
6.	Last date for submission of draft copy of the Dissertation for Internal Viva – Voce Examination	---	28-05-2016
7.	Internal Viva – Voce Examination	---	06-06-2016 to 09-06-2016
8.	Submission of approved thesis by all students for External Evaluation	---	18-06-2016
9.	Conduct of External Viva – Voce Examination	---	04-07-2016 to 09-07-2016
10.	Late submission & Internal Viva – Voce Examination	---	11-07-2016 to 14-07-2016
11.	Conduct of External Viva – Voce Examination (for Late Submission candidates)	---	25-07-2016 to 28-07-2016

M.V. Kota

DEAN, CDAAC

To
All the Heads, Controller of Examination, I/c AEC, Dean-Student Welfare
T&PO, Librarian, Physical Director, A.O ,PA to Principal.

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CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY (A)

HYDERABAD – 500075

No. 55/CDAAC/2015

Date: 09-09-2015

To
The Heads of the Departments

Sub:- **Almanac of M.E/M.Tech (III-Semester and IV-Semester)- CBIT(A)-**
Academic year **2015-2016** - reg.
Ref:- HoDs meeting held on 30-07-2015.

As decided in the meeting, I am desired to communicate the **Almanac M.E/M.Tech (III-Semester and VI-Semester)**, for the academic year **2015-2016**.

Sl. No.	Particulars	III – Semester	IV – Semester
1.	Registration	21-09-2015	25-01-2016
2.	DASARA Vacation	19-10-2015 to 24-10-2015	
3.	PONGAL Vacation	11-01-2016 to 16-01-2016	
4.	Project Seminar (Presentation & Evaluation)	18-01-2016 to 23-01-2016	---
5.	SHRUTHI 2016		03-03-2016 to 05-03-2016
6.	Last date for submission of draft copy of the Dissertation for Internal Viva – Voce Examination	---	28-05-2016
7.	Internal Viva – Voce Examination	---	06-06-2016 to 09-06-2016
8.	Submission of approved thesis by all students for External Evaluation	---	18-06-2016
9.	Conduct of External Viva – Voce Examination	---	04-07-2016 to 09-07-2016
10.	Late submission & Internal Viva – Voce Examination	---	11-07-2016 to 14-07-2016
11.	Conduct of External Viva – Voce Examination (for Late Submission candidates)	---	25-07-2016 to 28-07-2016

M. V. Kota

DEAN, CDAAC

To
All the Heads, Controller of Examination, I/c AEC, Dean-Student Welfare
T&PO, Librarian, Physical Director, A.O, PA to Principal.

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Two Best Practices of the institution

Best Practice -1

1. Title of the Practice:

Inculcating the spirit of research among faculty for a progressive technological growth

2. Objectives of the Practice

- To improve quality in the teaching-learning process
- To enhance quality in UG and PG projects
- To publish papers in refereed International/ National journals and conferences
- To undertake collaborative projects and consultancy for long term interaction with the academia and industry
- To attain IPRs
- To get research projects from several funding agencies

3. The Context

Research is a never ending quest for knowledge, which may be used to promote progress for the society. Today's world is rapidly developing, giving way and scope for new research initiatives to have a better life. To keep up with the growing needs and demands has become most essential parameter. To meet such demands, continuous research and development of new products and projects has become the need of the hour. This motivated the college to strengthen R&D activity that focuses on various independent domains and encourages multi disciplinary research.

4. The Practice

Teaching and Research must go together. With this aim, research is promoted by the college in the following ways and means:

- Providing opportunity to work at higher level institutions like IITs/IIMs for about six months
- Sponsoring for seminars/conference/workshops/Orientation courses /refresher courses like STTPs, FDPs, SDPs, etc. by paying registration fee, TA/DA with paid leave
- Financial incentives like paying registration fee for publications in journals and conferences and TA/DA for presentation of technical papers in various International/National conferences
- Modernization of laboratories with research facilities
- Exposure to international expertise by organizing invited lectures, work-shops, seminars and conferences, etc.
- Research Grant – Rs.10,000/- per faculty subject to a maximum of Rs.2,00,000/-
- To encourage to pursue PhD, institute provides tuition fee, documentation charges for PhD thesis in addition to infrastructure, computing, library facilities, etc.
- Providing high end computing facilities, with internet, Wi-Fi, and other facilities.
- The supporting staff is also encouraged to upgrade their skills by being deputed to relevant authorized /recognized training centers in their respective trades/fields.

5. Evidence of Success

Owing to the hard work done by the members of faculty, the following achievements have taken place in the Organization

- No. of teachers availed the facility and obtained their Ph.D.: 40
- No. of teachers availed the facility and pursuing their research: 61 submitted thesis
- No. of international publications by the faculty: *More than 40*
- No. of national publications by the faculty : *More than 25*
- No. of funded projects : 08

There is a tremendous improvement in teaching learning process as the faculty is exposed to latest areas of their topic of research. Further they are able to help the faculty who are fresh to initiate research. Good number of teachers got admission into Ph.D. at various universities. Students publications have increased and quality of student projects, both UG and PG, has been enhanced. Dr. P. Ravinder Reddy, Professor of Mechanical Engineering, Dr. N.V.Koteswara Rao, Professor of ECE & Dr. P. Narahari Shastri, Associate Professor of ECE, have filed for patents.

6. Problems Encountered and Resources Required

- Trying to inculcate the habit of doing research among many faculty which helps them to grow and the growth of college too
- They are given less teaching load and weekly-off if they complete Pre-Ph.D. Recruiting additional teachers to compensate causing financial burden
- More PG courses have been introduced recently so that teachers can teach advanced subjects which helps them in their research. Trying to get qualified and experienced teachers to fill the gap.
- Industry institute interaction should be improved. The college has tied up with some industries to improve quality in research

Best Practice -2

1. Title of the Practice-

Holistic approach for overall development of students by emphasizing co-curricular and extra-curricular activities.

2. Objectives of the Practice

- To improve the overall personality development
- To inculcate leadership and entrepreneurial traits
- To enhance communication and negotiations skills
- To augment social and human relations awareness
- To imbibe human values and professional ethics
- To train with planning and execution skills
- To build and balance physical, mental and emotional dimensions

3. The Context

Young minds are influenced significantly due to rapid cultural and social changes in the society. So, there is an urgency to steer, drive and enable them with proper values and ethics backed by mission and vision. In this direction there is ample scope for adapting holistic approach for overall personality development of young minds in an education institution through planning and organizing various co-curricular and extra-curricular activities. Both technology and arts attribute equally for holistic development.

CBIT being a technological institution, artistic approaches are being practiced through extra-curricular activities by organizing SHURTHI (An Annual sports and cultural fest), CARPEDIEM (bi-annual cultural fest), etc.

4. The Practice

CBIT provides ample scope for co-curricular and extra-curricular activities in addition to curricular activities.

- SHURTHI, An Annual Sports and Cultural fest.
 - SUDHEE, An Annual Student Technical Symposium
 - CARPEDIEM, Bi-annual Cultural fest.
 - T-SUMMIT, A three day student National Technopreneurial Conference
-
- **ASME CBIT**, a technical club of mechanical engineering department enhances technical, professional and networking skills of students. Since its inception, it has scaled great heights in both national and international competitions.
 - **Chaitanya Bharathi Cultural Club (CBCC)** gives an opportunity to every individual in the fields of Art, Music, Dance and many more. Culture, heritage and Art are the personified signatures of civilization and lifestyle. To become better connoisseurs of art and develop optimism are additional subtle feelings conveyed by this club.
Communicando It is the literary club of CBIT. The flagship events are ‘Literati’ and CBIT Model United Nations, Literati is the first exclusive literary festival organized annually. The fifth edition had 1200 participants from various colleges across the country. The CBIT Model United Nations is one of India’s largest student-run conferences. The club also runs the exclusive students’ newspaper, Transcendent with three editions per semester.
 - **Entrepreneurship Development Cell (EDC)** focuses on bringing out the business culture in the campus by conducting awareness drives, seminars by the young entrepreneurs in the city.
 - **Google Student Club** is a platform that provides opportunities to students to improve their skills in technical and marketing areas.
 - **IEEE chapter** aims at enhancement of the professional development.
 - **ISTE chapter**, aims at the development of top quality professional engineers and technicians needed by the organizations.
 - **NSS Unit** activities include plantation drives, Blood donation camps, services at orphanages and old age homes, Road safety, Anti ragging squads, Medical camps in villages, etc.
 - **Robotics Club** offers indispensable guidance, workshops and tutorials along with tools, equipments, components and workspace.
 - **Society of Automotive Engineering (SAE)** promotes careers and excellence in engineering as it encompasses all aspects of the automotive industry including research, design, manufacturing, testing, developing, marketing, management, finances.
 - **Street Cause** Student run NGO conducted events in collaboration with corporate industries such as Deloitte, Gold Drop Industries, Indian Red Cross Society and others, etc.
 - **Toastmasters Club** Its objective is to cater to the needs of its members on the important elements of communication such as Learning, Speaking, Reading & Writing (LSRW).
 - **Parivrita**, creates the environment club awareness about the issues of environment among the students and the need to protect it. Reduce, Reuse and Recycle. Avoid the usage of plastic and other non-recyclable products.

5. Evidence of Success

The hard work done by faculty and students resulted in the following achievements in the organization

- Many students are able to secure jobs through campus placements
- Some of the students became leaders of Multinational and National corporate companies
- Few of the students became entrepreneurs and turned out to be job providers which is in line with the motto of the CBIT-Swayam Tejaswin bhava
- Students are able to get admissions for higher studies in top universities in the world
- Some of the students turned out to be political leaders and became MLA, MP, Ministers of State and Central Governments
- Some of the students became administrators in State and Central Government
- Some of the students became movie directors and artists

6. Problems Encountered and Resources Required

- Lack of full fledged hostels and staff quarters
- Hectic academic schedules