AQAR

for the year

2014-15

The Annual Quality Assurance Report (AQAR) of the IQAC

Part – A

AQAR for the year

2014-15

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. MHCOGN 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-2014-15.pdf

1.6 Accreditation Details

Sl. No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1st 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

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 Yes ✓ No ☐
  (eg. AICTE, BCI, MCI, PCI, NCI)

  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)*   [Osmania University]

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	06
2.2	No. of Administrative/Technical staff	01
2.3	No. of students	02
2.4	No. of Management representatives	02
2.5	No. of Alumni	02
2.6	No. of any other stakeholder and community representatives	01

2.7   No. of Employers/ Industrialists | 01 |

2.8   No. of other External Experts | 01 |

2.9   Total No. of members | 16 |

2.10   No. of IQAC meetings held | 02 |

2.11   No. of meetings with various stakeholders: | | No. | 02 |

Non-Teaching Staff Students | 01 | Alumni | 01 | 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 [02]

(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 *

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.

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) | |

*Please provide an analysis of the feedback in the Annexure

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

- The syllabus for 3/4 B.E. /B.Tech has been introduced under CBIT (A).
- Core elective is introduced in II Sem of third year curriculum.
- A Course on 'Professional Ethics and Human Values' is introduced in the curriculum.
- Efforts are exercised to introduce CBCS as directed by UGC guidelines from the academic year 2016-17.

Salient Points
- Introduction of fundamentals of major engineering disciplines to all students in I / II Semesters.
- Internships for earning credits to get waiver of open electives.
- Total ten(10) electives have been introduced in the scheme, out of which seven are core electives and three are open electives.
- The concept of 'Mini Project' has been introduced in the curriculum.
- Value added courses are introduced for the benefit of the students which will be implemented from 15-16 onwards.

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
195	118	46	31	0

2.2 No. of permanent faculty with Ph.D.: | 74 |

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	-	01	-	0	-	0	-	01	-

2.4 No. of Guest and Visiting faculty and Temporary faculty

0	10	88

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended	95	77	-
Presented	61	53	-
Resource Persons	03	19	05

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 | 170 |

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 | 65 | 31 |

2.10 Average percentage of attendance of students | UG : 76.73, PG : 83.05 |

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	107	50.47	34.58	7.48	-	93.46
CSE	138	61	29	5	-	96
EEE	70	62.86	31.43	4.29	-	98.57
ECE	116	73.27	21.55	5.172	-	100
MECH	52	59.62	30.77	7.69	-	98.08
PROD	55	54.55	32.73	12.73	-	100
IT	72	36	22	08	01	93.06
CHEM	69	17.4	37.5	27.5	-	85.5
BIO-TECH	50	48	34	4	-	86
PG						
CIVIL-SE	19	-	-	-	-	63
CIVIL-EQ	8	-	-	-	-	38
CSE	28	75	25	-	-	100
IT-CNIS	15	-	-	-	-	86.7
ECE-CE	18	55.55	33.33	-	-	88.88
ECE-ES&VLSI	18	38.88	55.55	-	-	94.44
MECH-TE	12	41.66	58.33	-	-	100
MECH-CAD/CAM	14	64.28	35.71	-	-	100
EEE-PS&PE	13	53.85	46.15	-	-	100
MBA	105	68	29	-	-	92
MCA	53	19	58	23	-	100

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 Quality Monitoring Cells of campus colleges provide necessary inputs for timely intervention for taking necessary corrective measures. The Chairman, Director and Coordinator of IQAC had frequent interactions with the Principals of Colleges, Deans of Faculties, and other administrative heads for exchange of views and ideas to achieve the same. Further, the IQAC has also been sending information periodically about quality improvement inputs and quality assurance measures.

2.13 Initiatives undertaken towards faculty development

Faculty / Staff Development Programmes	Number of faculty benefitted
Refresher courses	17
UGC – Faculty Improvement Programme	0
HRD programmes	0
Orientation programmes	1
Faculty exchange programme	0
Staff training conducted by the university	4
Staff training conducted by other institutions	03
Summer / Winter schools, Workshops, etc.	57
Others	08

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	107	-	-	23
Technical Staff	97	-	-	19

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	02	03	03	01
Outlay in Rs. Lakhs	27.454	35.16	37.67	-

3.3 Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number	0	2	1	0
Outlay in Rs. Lakhs	0	0.4	2.6	0

3.4   Details on research publications

	International	National	Others
Peer Review Journals	83	9	0
Non-Peer Review Journals	04	0	0
e-Journals	17	4	0
Conference proceedings	63	40	07

3.5 Details on Impact factor of publications:

Range $\boxed{0.5\text{-}7.7385}$ Average $\boxed{2.96}$ h-index $\boxed{15.33}$ Nos. in SCOPUS $\boxed{10}$

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 (Rs in lakhs)	Received
Major projects	1 year	SAC, ISRO	20	
	3 years	RPS		
	2 years	UGC	3.55	2.38
	3 years	AICTE	14.12	12.71
Minor Projects	-	-	-	-
Interdisciplinary Projects	-	-	-	-
Industry sponsored	-	-	-	-
Projects sponsored by the University/ College	-	-	-	-
Students research	-	-	-	-

projects *(other than compulsory by the University)*				
Any other(Specify)	-	-	-	-
Total				

3.7   No. of books published   i) With ISBN No   ☐ 02   Chapters in Edited Books   ☐ 10

ii) Without ISBN No.   ☐ -

3.8 No. of University Departments receiving funds from

UGC-SAP ☐ -   CAS ☐ -   DST-FIST ☐ -

DPE ☐ -   DBT Scheme/funds ☐ -

3.9 For colleges

Autonomy ☐ -   CPE ☐ -   DBT Star Scheme ☐ -

INSPIRE ☐ -   CE ☐ -   Any Other (specify) ☐ -

3.10 Revenue generated through consultancy

☐ Rs.17.27 lakhs

3.11 No. of conferences organized by the Institution

Level	International	National	State	University	College
Number	01	06	0	0	0
Sponsoring agencies	TEQIP-II	CBIT-TEQIP	-	-	-

3.12 No. of faculty served as experts, chairpersons or resource persons   ☐ 48

3.13 No. of collaborations

International ☐ -   National ☐ 01   Any other ☐ -

3.14 No. of linkages created during this year   ☐ 01

3.15 Total budget for research for current year in lakhs :

From Funding agency | AICTE, UGC, DRDO | From Management of University/College | -

Total | 76.68

3.16 No. of patents received this year

Type of Patent		Number
National	Applied	-
	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
1	1	-	-	-	-	-

3.18   No. of faculty from the Institution who are Ph. D. Guides   20

and students registered under them   80

3.19 No. of Ph.D. awarded by faculty from the Institution   11

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

JRF   -   SRF   -   Project Fellows   04   Any other   01

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 [10]　　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
Class rooms	95	7	CBIT	102
Laboratories	88	4	CBIT	92
Seminar Halls	13	-	CBIT	13
No. of important equipments purchased (≥ 1-0 lakh) during the current year.				
Value of the equipment purchased during the year (Rs. in Lakhs)	261.02	51.56	CBIT	
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	79,014	1,61,96,948	1,813	8,33,574	80827	1,70,30,522
Reference Books						
Journals	149	1,50,000	149	1,50,000	149	1,50,000
e-Books	4000+	21,30,600	4000+	21,30,600	4000+	21,30,600
e-Journals						
Digital Database						
CD & Video	3,462		115		3,577	
Others (specify)				2,00,000		

4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Depart-ments	Others
Existing	1140	26	85mbps	01	01			
Added	-	03	-	-	-			
Total	1440	29	85mbps	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	9.44
ii)	Campus Infrastructure and facilities	34.83
iii)	Equipments	3.57
iv)	Others	14.63
	Total :	**62.47**

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
3907	641		

(b) No. of students outside the state | 61 |

(c) No. of international students | - |

Men
No	%
2808	61.74

Women
No	%
1740	38.25

Last Year						This Year					
General	SC	ST	OBC	PC	Total	General	SC	ST	OBC	PC	Total
2055	482	190	1554	41	4322	2093	510	199	1708	41	4551

Demand ratio	-	Dropout %	0.18

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 [-]   SET/SLET [-]   CAT [03]   GATE [34]

IAS/IPS etc [-]   State PSC [19]   UPSC [-]   Others [85]

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

On campus			Off Campus
Number of Organizations Visited	Number of Students Participated	Number of Students Placed	Number of Students Placed
56	760	570	-

5.8 Details of gender sensitization programmes

"Safety, Security and Threat Awareness Training Program" on 27th Nov 2014

5.9 Students Activities

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

State/ University level [154] National level [142] International level [02]

No. of students participated in cultural events

State/ University level [8] National level [2] International level [ ]

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

Sports: State/ University level [47]   National level [31]   International level [02]

Cultural: State/ University level [1]   National level [1]   International level [ ]

5.10 Scholarships and Financial Support

	Number of students	Amount
Financial support from institution		

Financial support from government	1981	1511.88
Financial support from other sources	23	18.08
Number of students who received International/ National recognitions		

5.11   Student organised / initiatives

Fairs: State/ University level [04]   National level [05]   International level [-]

Exhibition: State/ University level [-]   National level [01]   International level [-]

5.12   No. of social initiatives undertaken by the students   [04]

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. 6.55 Lakhs)	Family Benefit Fund Group Linked Insurance Scheme Teachers' Cooperative Society Medical and Healthcare facilities House building loan
Non-teaching (Rs. 27.93 Lakhs)	Family Benefit Fund Group Linked Insurance Scheme Employees' Cooperative Society Medical and Healthcare facilities House building loan Reimbursement of transport expenses Children educational loans Festival loan advance
Students (Rs. 593.49 Lakhs)	Campus accommodation and boarding Medical and Healthcare facilities

6.5   Total corpus fund generated | - |

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				
Administrative				

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

Provide the details in annexure (annexure need to be numbered as i, ii, iii)

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)

<div align="center">

SWOC ANALYSIS

</div>

STRENGTHS:

Recognition:

- 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)

- 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

Accreditation:
- Accredited by NBA (AICTE) in 1998, 2004, 2008 and 2013.
- 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.
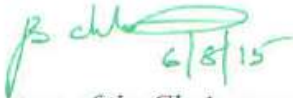**Demand and Supply Gap:**
Mismatch between demand and supply of good faculty in terms of quality and quantity.

8. **Plans of institution for next year**

- To complete the2nd Cycle of Accreditation by the NAAC
- 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
- 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
- Establishing Consultancy Cell in each Department.

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

Signature of the Chairperson, IQAC

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

Name : Prof. Suresh Pabboju
Coordinator, IQAC

Signature of the Coordinator, IQAC

Academic Calendar for the academic year 2014-15

CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY (A)
HYDERABAD – 500075

No. 20/CDAAC/2014   Date:11-09-2014

To

All the Heads of the Departments offering B.E/B.Tech Course
Under Autonomous status in CBIT

Sub:- **Almanac** of **I/IV B.E and B.Tech - CBIT(A)-** Academic year 2014-2015 - reg.
Ref:- HoDs meeting held on 11-09-2014.

Sir/Madam,

As decided in the HoDs meeting, I am desired to communicate the **Almanac** of **I/IV B.E and B.Tech** for the academic year **2014-2015.**

I-Semester

1	Commencement of classes	15-09-2014
2	I Class Test	03-11-2014 to 06-11-2014
3	II Class Test	27-12-2014 to 31-12-2014
4	Last Date of Instructions	02-01-2015
5	Preparation and Practical Examinations	05-01-2015 to 17-01-2015
6	Commencement of Theory Examinations	19-01-2015

II-Semester

1	Commencement of classes	09-02-2015
2	I Class Test	30-03-2015 to 02-04-2015
3	II Class Test	20-05-2015 to 23-05-2015
4	Last Date of Instructions	30-05-2015
5	Preparation and Practical Examinations	01-06-2015 to 14-06-2015
6	Commencement of Theory Examinations	15-06-2015
7	Commencement of Next Academic Year 2015-2016	13-07-2015

DEAN, CDAAC

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

-oOo-

CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY (A)
HYDERABAD – 500075

No. 15/CDAAC/2014   **Date:01-08-2014**

To

All the Heads of the Departments offering B.E/B.Tech Course
Under Autonomous status in CBIT

Sub:- **Almanac** of **B.E/B.Tech II Year** for the **CBIT(A)** for the academic year 2014-2015 -
        Approval- Communicated - reg.
Ref:-Minutes of the Third Academic Council Meeting dated 21-07-2014.

Sir,

   With reference to the minutes of third academic council meeting cited, I am desired
to communicate the approval of the following **Almanac** of **B.E and B.Tech II Year** for
CBIT(A), for the academic year **2014-2015.**

I-Semester

1	Commencement of classes	11-08-2014
2	I Class Test	29-09-2014 to 01-10-2014
3	II Class Test	20-11-2014 to 22-11-2014
4	Last Date of Instructions	22-11-2014
5	Preparation and Practical Examinations	24-11-2014 to 13-12-2014
6	Commencement of Theory Examinations	15-12-2014

II-Semester

1	Commencement of classes	05-01-2015
2	I Class Test	23-02-2015 to 25-02-2015
3	II Class Test	16-04-2015 to 18-04-2015
4	Last Date of Instructions	25-04-2015
5	Preparation and Practical Examinations	27-04-2015 to 09-05-2015
6	Commencement of Theory Examinations	11-05-2015
7	Summer Vacation *	27-04-2015 to 10-07-2015
8	Commencement of Next Academic Year 2015-2016	13-07-2015

*The eligible staff may avail summer vacation as per the rules

DEAN, CDAAC

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

-oOo-

CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY (A)
HYDERABAD – 500075

No. 25/CDAAC/2014   Date:08-10-2014

To

The Head of the Departments offering MCA and MBA Course
Under Autonomous status in CBIT

Sub:- **Almanac** of first year **M.C.A and M.B.A (I-Semester and II-Semester)- CBIT(A)-**
        Academic   year 2014-2015 - reg.
Ref:- Meeting held on 08-10-2014.

As decided in the meeting, I am desired to communicate the **Almanac** of first Year **M.C.A and M.B.A (I-Semester and II-Semester)** for the academic year **2014-2015.**

I-Semester

1	Commencement of classes	13-10-2014
2	I-Internal assessment Test	01-12-2014 to 04-12-2014
3	II-Internal assessment Test	21-01-2015 to 24-01-2015
4	Last Date of Instructions	24-01-2015
5	Preparation / Practical Examinations	27-01-2015 to 07-02-2015
6	Commencement of Theory Examinations	09-02-2015

II-Semester

1	Commencement of classes	23-02-2015
2	I-Internal assessment Test	13-04-2015 to 16-04-2015
3	II-Internal assessment Test	02-06-2015 to 05-06-2015
4	Last Date of Instructions	05-06-2015
5	Preparation / Practical Examinations	08-06-2015 to 19-06-2015
6	Commencement of Theory Examinations	22-06-2015
8	Commencement of Next Academic Year	13-07-2015

DEAN, CDAAC

To
The Head of MCA and SMS , Controller of Examination, I/c AEC, Dean-Student Welfare
T&PO, Librarian, Physical Director, A.O ,PA to Principal
                                -oOo-

CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY (A)
HYDERABAD – 500075

No. 17/CDAAC/2014   **Date:01-08-2014**

To

The Head of the Department offering MBA Course
Under Autonomous status in CBIT

Sub:- **Almanac of M.B.A II Year (III-Semester and IV-Semester)** for the **CBIT(A)** for the
    academic year 2014-2015 - Approval- Communicated - reg.
Ref:-Minutes of the Third Academic Council Meeting dated 21-07-2014.

Sir,

    With reference to the minutes of third academic council meeting cited, I am desired
to communicate the approval of the following **Almanac of M.B.A II Year (III-Semester and
IV-Semester)** for **CBIT(A),** for the academic year **2014-2015.**

III-Semester

1	Commencement of classes	11-08-2014
2	I-Internal assessment Test	29-09-2014 to 01-10-2014
3	II-Internal assessment Test	13-11-2014 to 15-11-2014
4	Last Date of Instructions	22-11-2014
5	Preparation for Emanations	24-11-2014 to 04-12-2014
6	Commencement of Theory Examinations	06-12-2014

IV-Semester

1	Commencement of classes	05-01-2015
2	I-Internal assessment Test	23-02-2015 to 25-02-2015
3	II-Internal assessment Test	16-04-2015 to 18-04-2015
4	Last Date of Instructions	25-04-2015
5	Preparation for Emanations	27-04-2015 to 09-05-2015
6	Commencement of Theory Examinations	11-05-2015
7	Summer Vacation*	27-04-2015 to 10-07-2015

*The eligible staff may avail summer vacation as per the rules

DEAN, CDAAC

To
The Head SMS, Controller of Examination, I/c AEC,
T&PO, Librarian, Physical Director, A.O ,PA to Principal
-oOo-

CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY (A)

HYDERABAD – 500075

No. 18/CDAAC/2014   **Date:01-08-2014**

To

The Head of the Department offering MCA Course
Under Autonomous status in CBIT

Sub:- **Almanac** of **M.C.A 2/3 (III-Semester and IV-Semester)** for the **CBIT(A)** for the
academic year 2014-2015 - Approval- Communicated - reg.
Ref:-Minutes of the Third Academic Council Meeting dated 21-07-2014.

Sir,

With reference to the minutes of third academic council meeting cited, I am desired
to communicate the approval of the following **Almanac** of **M.C.A 2/3 (III-Semester and IV-Semester)** for **CBIT(A),** for the academic year **2014-2015.**

III-Semester

1	Commencement of classes	01-09-2014
2	I-Internal assessment Test	20-10-2014 to 22-10-2014
3	II-Internal assessment Test	03-12-2014 to 05-12-2014
4	Last Date of Instructions	13-12-2014
5	Preparation for Examinations	15-12-2014 to 27-12-2014
6	Commencement of Theory Examinations	29-12-2014

IV-Semester

1	Commencement of classes	02-02-2015
2	I-Internal assessment Test	19-03-2015 to 21-03-2015
3	II-Internal assessment Test	07-05-2015 to 09-05-2015
4	Last Date of Instructions	16-05-2015
5	Preparation for Examinations	18-05-2015 to 30-05-2015
6	Commencement of Theory Examinations	01-06-2015
7	Summer Vacation *	18-05-2015 to 11-07-2015
8	Commencement of Next Academic Year	13-07-2015

*The eligible staff may avail summer vacation as per the rules

DEAN, CDAAC

To
The Head MCA, Controller of Examination, I/c AEC,
T&PO, Librarian, Physical Director, A.O ,PA to Principal
-oOo-

CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY (A)
HYDERABAD – 500075

No. 21/CDAAC/2014   **Date:11-09-2014**

To

The Head of the Department offering MCA Course
Under Autonomous status in CBIT

Sub:- **Revised- Almanac of 2/3 M.C.A (III-Semester and IV-Semester) - CBIT(A)-** Academic
      year 2014-2015 - reg.
Ref:- HoDs meeting held on 11-09-2014.

Sir/Madam,

        As decided in the HoDs meeting, I am desired to communicate the **Almanac** of **2/3
M.C.A (III-Semester and IV-Semester)** for the academic year **2014-2015.**

III-Semester

1	Commencement of classes	15-09-2014
2	I-Internal assessment Test	03-11-2014 to 05-11-2014
3	II-Internal assessment Test	24-12-2014 to 27-12-2014
4	Last Date of Instructions	27-12-2014
5	Preparation and Practical Examinations	29-12-2014 to 06-01-2015
6	Commencement of Theory Examinations	07-01-2015

IV-Semester

1	Commencement of classes	02-02-2015
2	I-Internal assessment Test	19-03-2015 to 21-03-2015
3	II-Internal assessment Test	07-05-2015 to 09-05-2015
4	Last Date of Instructions	16-05-2015
5	Preparation and Practical Examinations	18-05-2015 to 30-05-2015
6	Commencement of Theory Examinations	01-06-2015
7	Summer Vacation *	18-05-2015 to 11-07-2015
8	Commencement of Next Academic Year	13-07-2015

*The eligible staff may avail summer vacation as per the rules

DEAN, CDAAC

To
The Head MCA, Controller of Examination, I/c AEC,
T&PO, Librarian, Physical Director, A.O ,PA to Principal
                         -oOo-

CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY (A)
HYDERABAD – 500075

No. 29/CDAAC/2014   Date: 12-11-2014

To
The Head of the Departments offering **M.E/M.Tech** Course
Under Autonomous status in CBIT

        Sub:- **Almanac** of first year **M.E/M.Tech (I-Semester and II-Semester)**- CBIT(A)-
              Academic year 2014-2015 - reg.
        Ref:- Meeting held on 11-11-2014.

As decided in the meeting, I am desired to communicate the **Almanac** of first Year **M.E/M.Tech (I-Semester and II-Semester)** for the academic year **2014-2015**.

	I – Semester	
1.	Registration of subjects and commencement of Instruction	17-11-2014
2.	First Class Test	05-01-2015
3.	Second Class Test	26-02-2015
4.	Last Date of Instruction	06-03-2015
5.	Display of Attendance and Sessional Marks	09-03-2015
6.	Theory Examinations	16-03-2015
7.	Declaration of Results	20-04-2015
8.	Make-Up Examinations	04-05-2015

	II – Semester	
1.	Registration of subjects and commencement of Instruction	06-04-2015
2.	**Summer Vacation (Two Weeks)**	**18-05-2015 to 30-05-2015**
3.	First Class Test	08-06-2015
4.	Second Class Test	30-07-2015
5.	Last Date of Instruction	08-08-2015
6.	Display of Attendance and Sessional Marks	10-08-2015
7.	Theory Examinations	17-08-2015
8.	Declaration of Results	14-09-2015
9.	Make-Up Examinations	28-09-2015
10.	Commencement of Next Academic Year (2015-16)	21-09-2015

DEAN, CDAAC

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

CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY (A)
HYDERABAD – 500075

No. 16/CDAAC/2014   Date:01-08-2014

To

All the Heads of the Departments offering M.E/M.Tech Course
Under Autonomous status in CBIT

Sub:- **Almanac** of **M.E/M.Tech III-Semester and IV-Semester** for the **CBIT(A)** for the
      academic year 2014-2015 - Approval- Communicated - reg.

Ref:-Minutes of the Third Academic Council Meeting dated 21-07-2014.

Sir,

      With reference to the minutes of third academic council meeting cited, I am desired
to communicate the approval of the following **Almanac** of **M.E/M.Tech III-Semester and IV-
Semester** for **CBIT(A),** for the academic year **2014-2015.**

Sl.No.	Particulars	III – Semester	IV – Semester
1.	Registration	21-07-2014	08-12-2014
2.	Project Seminar (Presentation & Evaluation)	19-11-2014 to 22-11-2014	---
3.	Last date for submission of draft copy of the Dissertation for Internal Viva – Voce Examination	---	11-04-2015
4.	Internal Viva – Voce Examination	---	20-04-2015 to 24-04-2015
5.	Submission of approved thesis by all students for External Evaluation	---	09-05-2015
6.	Conduct of External Viva – Voce Examination	---	08-06-2015 to 20-06-2015
7.	**Late** submission & Internal Viva – Voce Examination	---	29-06-2015 to 04-07-2015
8.	Conduct of External Viva – Voce Examination (for **Late** Submission candidates)	---	13-07-2015 to 18-07-2015

DEAN, CDAAC

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

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 activates.

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