AQAR

for the year

2012-13

The Annual Quality Assurance Report (AQAR) of the IQAC

Part – A

AQAR for the year

2012-13

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-2012-13.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

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 (*Specify*)	☐
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.		Faculty	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 *

Attach the Academic Calendar of the year as Annexure.

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	07	02		
UG	09			
PG Diploma				
Advanced Diploma				
Diploma				
Certificate				
Others				
Total				

Interdisciplinary				
Innovative				

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

Pattern	Number of programmes
Semester	18 (UG : 9, PG : 9)
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.

• Suitable guidelines have been framed for practising autonomous 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
184	108	49	27	-

2.2 No. of permanent faculty with Ph.D.: 58

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
15		0		01				16	

2.4 No. of Guest and Visiting faculty and Temporary faculty

0	07	77

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended Seminars/	26	18	0
Presented papers	43	20	0
Resource Persons	05	17	0

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 167

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

As per affiliating University guidelines.

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

| 23 | 20 | 15 |

2.10 Average percentage of attendance of students | UG : 76.73, PG : 79.67 |

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	66	62.12	21.21	9.09	-	92.42
CSE	133	56	27	8	1	91
EEE	58	75.86	15.52	5.17		96.55
ECE	136	77.72	13.97	5.14	-	97.05
MECH	60	58.33	30	5	-	93.33
PROD	54	75.93	14.18	5.56		96.30
IT	62	50	37.09	6	-	93.55
CHEM	64	46.8	17.1	1.5		65.6
BIO-TECH	57	65	16	5		86
PG						
CIVIL-SE	24	-	-	-	-	29
CIVIL-EQ						
CSE	31	36	64	-	-	100
IT-CNIS						
ECE-CE	18	5.5	72.2			77.77
ECE-ES&VLSI						
MECH-CAD/CAM	14	7.14	92.86	-	-	100
EEE-PS&PE	11	9.09	90.9	-	-	100
MBA	56	17.85	62.5	16.07	-	96
MCA	53	26	49	21		96

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	05
UGC – Faculty Improvement Programme	2
HRD programmes	2
Orientation programmes	10
Faculty exchange programme	0
Staff training conducted by the university	1
Staff training conducted by other institutions	08
Summer / Winter schools, Workshops, etc.	83
Others	03

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	118	-	15	5
Technical Staff	101	-	18	9

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	02	01	-
Outlay in Rs. Lakhs	17.55	27.454	9.404	-

3.3 Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number				03
Outlay in Rs. Lakhs				

3.4   Details on research publications

	International	National	Others
Peer Review Journals	102	05	0
Non-Peer Review Journals	-	-	-
e-Journals	02	0	0
Conference proceedings	24	26	05

3.5 Details on Impact factor of publications:

Range   0.1101- 24.029   Average   2.455   h-index   -   Nos. in SCOPUS   20

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	Received
Major projects				
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 | 04 | Chapters in Edited Books | 01 |

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. 9.59 Lakhs

3.11 No. of conferences organized by the Institution

Level	International	National	State	University	College
Number		07			
Sponsoring agencies		CBIT-TEQIP/AIMS			

3.12 No. of faculty served as experts, chairpersons or resource persons | 45 |

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 | From Management of University/College | - |

	SERB					
	Total	27.45				

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
-	-	-	-	-	-	-

3.18   No. of faculty from the Institution who are Ph. D. Guides   18

and students registered under them   56

3.19 No. of Ph.D. awarded by faculty from the Institution   03

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

JRF [   ]   SRF [   ]   Project Fellows   04   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 [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	-	CBIT	50.32
Class rooms	78	3	CBIT	81
Laboratories	82	-	CBIT	
Seminar Halls	11	1	CBIT	12
No. of important equipments purchased (≥ 1-0 lakh) during the current year.				
Value of the equipment purchased during the year (Rs. in Lakhs)	236.14	31.15	CBIT	267.29
Others	6 (Drawing Hall)	-1	CBIT	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	71,751	1,33,91,687	3,541	13,20,754	75,292	1,47,12,441
Reference Books						
Journals	173	1,60,000	173	1,60,000	173	1,60,000
e-Books	3,000+	15,50,000	3,000+	15,50,000	3,000+	15,50,000
e-Journals						
Digital Database						
CD & Video	2,848		366		3,214	
Others (specify)				9,59,000		

4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Depart-ments	Others
Existing	924	22	20 mbps	01	01			
Added	96	02	-	-	-			
Total	1020	24	20 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	11.51
ii)	Campus Infrastructure and facilities	88.96
iii)	Equipments	3.78
iv)	Others	12.64
	Total :	**116.89**

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
3251	606		

(b) No. of students outside the state | 20 |

(c) No. of international students | 101 |

Men
No	%
2389	62

Women
No	%
1468	38

Last Year						This Year					
General	SC	ST	OBC	PC	Total	General	SC	ST	OBC	Physically Challenged	Total
1655	397	147	1258	39	3496	1826	435	171	1383	0	3857

Demand ratio		Dropout %	0.29

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 $\quad$ [-]

5.5 No. of students qualified in these examinations

NET [ ] SET/SLET [ ] CAT [06] GATE [70]

IAS/IPS etc [ ] State PSC [ ] UPSC [ ] Others [59]

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
51	638	491	-

5.8 Details of gender sensitization programmes

"Women in Science and Technology – Societal Impact", on 8th & 9th March 2013

5.9 Students Activities

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

State/ University level [15] National level [155] International level [-]

No. of students participated in cultural events

State/ University level [3] 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 [-] National level [84] International level [-]

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

5.10 Scholarships and Financial Support

	Number of students	Amount
Financial support from institution		
Financial support from government		

| Financial support from other sources | 1536 | 611.86 |
| Number of students who received International/ National recognitions | 18 | 8.40 (TEQIP) |

5.11   Student organised / initiatives

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

Exhibition: State/ University level [01]   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

> 102.10 (capital fund as on 31/3/13 380.91 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				
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)

SWOC ANALYSIS

STRENGTHS:
Accreditation:
- Accredited by NBA (AICTE) in 1998, 2004, 2008.
- Accredited by NAAC (UGC) in 2010.

- ISO 9001:2008 certified Institutions

Quality improvement support:

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 93% on an average out of which 85% 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.

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:

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 obtain autonomous status to the college
- To strengthen the teaching-learning process
- 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
- 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 strengthen departmental libraries
- To depute supporting staff for training
- Establishing Consultancy Cell in each Department.

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

***

OSMANIA UNIVERSITY
HYDERABAD-500 007

No. 587 (20)B.Tech /AI/Stat/Acad/2013   Dated: 24-04-2013

To
The Principal,
Chaitanya Bharathi Institute of Technology,
Gandipet
Hyderabad – 500 075.

    Sub:- Almanac of B Tech (Chemical Engineering/Bio-technology) I year for the
          academic year 2012-2013 – Approval – Communicated - Reg

    Ref:- Your Letter No.64/AEC/2013 dated 13-4-2013.

Sir,

    With reference to your letter cited, I am desired to communicate the approval of the
University for the following Almanac of B Tech (Chemical Engineering/Bio-technology) I year for
the academic year 2012-2013:-

1	Commencement of Classes	01-10-2012
2	First Class Test	17-12-2012 to 20-12-2012
3	Second Class Test	04-03-2013 to 07-03-2013
4	Third Class Test	01-05-2013 to 04-05-2013
5	Last date of Instructions	11-05-2013
6	Preparation & Practical Examinations	13-05-2013 to 01-06-2013
7	Commencement of Theory Examinations	03-06-2013
8	Summer Vacation	13-05-2013 to 13-07-2013
9	Commencement of Next Academic year 2013-2014	15-07-2013

Note: Need based arrangements may be made to take care of contingencies, if any.

                                                                      Yours sincerely,

                                                                      ASSISTANT REGISTRAR
                                                                           (Academic)

OSMANIA UNIVERSITY
HYDERABAD – 500 007

No. 147 /Stat./Acad/2013. Dated: 1-2-2013

To
All the Principals of Affiliated Colleges offering B.E. course
Under the Jurisdiction of Osmania University.

Sub:- Revised Almanac of B.E. II, III and IV years II semester for
the Affiliated Colleges for the academic year 2012-2013 –
Approval – Communicated – Reg.

Ref:- 1. Letter No.DFE/2k12/B.E(Almanac)/24, dated:17-05-2012 from the
Dean, Faculty of Engineering, OU.
2. This Office Letter No.598/Stat/Acad/2012, dated:26-05-2012.
3. Letter No.DFE/2k13/B.E(Almanac)/142, dated:23-01-2013 from the
Dean, Faculty of Engineering, OU.
***

Sir/Madam,

In continuation of this office letter 2nd cited and with reference to the letter
3rd cited, I am desired to communicate the approval of the University for the following
revised Almanac of B.E. II, III and IV years II semester for the Affiliated Colleges for
the academic year 2012-2013:-

1.	I Internal Tests	25-02-2013 to 27-02-2013
2.	II Internal Tests	01-04-2013 to 03-04-2013
3.	Last date of Instruction	06-04-2013
4.	Preparation and Practical Examinations	08-04-2013 to 20-04-2013
5.	Commencement of Theory Examinations	22-04-2013
6.	Summer Vacation(*)	22-04-2013 to 30-06-2013
7.	Commencement of Next Academic year	01-07-2013

*Vacation that can be availed by staff is only 6 weeks in consultation with the Principal
of College.

Note: 1. Principals of affiliated colleges are requested to increase the class work by One day
extra per week for 4/4 – II semester course with effect from 28-01-2013.

2. Increase one period daily in the time table for BE 2/4 and 3/4 - II Semester
courses with effect from 28-01-2013.

3. Need based arrangements may be made by the Principals of the Colleges/
Institutions to take care of Contingencies, if any.

PTO

OSMANIA UNIVERSITY
HYDERABAD – 500 007

No. 816 /Stat./Acad/2012.

Dated: 11 -07 -2012

To
The Principal,
Chaitanya Bharathi Institute of Technology,
Gandipet,
HYDERABAD-500 075.

Sub:- Almanac of B.Tech. (Chemical Engineering/Bio-Technology) II, III & IV year for the academic year 2012-2013 – Approval – Communicated – Reg.

Ref:- 1. Your Lr.no:165/AE/2012,Dt.21-06-2012
2. Letter No.39/UCT/FOT/B.TECH(CH.Engg./Bio-Tech)/2012, dated: 26-6-2012 from the Dean, Faculty of Technology, O.U.

***

Sir,

With reference to the above, I am to communicate the approval of the University for the following almanac of B.Tech. (Chemical Engineering/Bio-Technology) II, III & IV year for the academic year 2012-2013:-

I-Semester

1.	Commencement of classes	16-07-2012
2.	I Class Test	10-09-2012 to 12-09-2012
3.	II Class Test	29-10-2012 to 31-10-2012
4.	Last date of Instruction	03-11-2012
5.	Preparation and Practical Examinations	05-11-2012 to 24-11-2012
6.	Commencement of Theory Examinations	26-11-2012

II-Semester

1.	Commencement of Instructions	31-12-2012
2.	I Class Test	04-03-2013 to 06-03-2013
3.	II Class Test	15-04-2013 to 17-04-2013
4.	Last date of Instruction	20-04-2013
5.	Preparation and Practical Examinations	22-04-2013 to 04-05-2013
6.	Commencement of Theory Examinations	06-05-2013
*7.	Summer Vacation	22-04-2013 to 06-07-2013
8.	Commencement of Next Academic year	08-07-2013

*Vacation that can be availed by staff is only 6 weeks in consultation with the Principal of the College.

Note: Need based arrangements for additional instructions may be made to meet the contingencies, if any.

Kindly acknowledge receipt.

Yours Sincerely

DEPUTY REGISTRAR
(Academic)

P. T. O

No. 1509 /Stat./Acad/2012.

Dated: 12 -12-2012

To

The Principal,

Chaitanya Bharathi Institute of Technology,
Gandipet, Hyderabad

Sub:- Almanac of M.E./M.Tech. (Full-Time & Part-Time) for I & II semesters for the academic year 2012-2013 – Approval – Communicated – Reg.

Ref:- Letter No.DFE/2012/ME(Almanac)/117, dated:22-11-2012 from the Dean, Faculty of Engineering, OU.

***

Sir/Madam,

With reference to the above, I am to communicate the approval of the University for the following Almanac of M.E./M.Tech. (Full-Time & Part-Time) for I & II semesters for the academic year 2012-2013:-

Sl. No.	Particulars	I Semester	II-Semester
1.	Registration of Subjects & Commencement of Instruction	03-12-2012	15-04-2013
2.	First Class Test	24-01-2013 to 28-01-2013	04-07-2013 to 06-07-2013
3.	Second Class Test	14-03-2013 to 17-03-2013	22-08-2013 to 24-08-2013
4.	Last date of Instruction	23-03-2013	31-08-2013
5.	Display of Attendance and Sessional Marks	25-03-2013	02-09-2013
6.	Theory Examinations	01-04-2013 to 13-04-2013	09-09-2013 to 21-09-2013
7.	Declaration of Results	07-05-2013	12-10-2013
8.	Make-Up Examinations	14-05-2013 to 28-05-2013	21-10-2013 to 02-11-2013
9.	Summer Vacation	13-05-2013 to 08-06-2013	-

Note: Need based arrangements may be made by the Principal (s) of the Colleges/ Institutions to take care of contingencies, if any.

PTO

You are therefore, requested to take necessary action in the matter.

Yours Sincerely,

DEPUTY REGISTRAR
(Academic)

Copy to:

1. The Dean, Faculty of Engineering, OU.
2. The Head, Department of Civil/Electrical/Mechanical/Bio-Medical/ECE/CSE, OU.
3. The Director, Directorate of Academic Audit, OU.
4. The Director, University Foreign Relations Office, OU.
5. The Director, (Infrastructure), OU – with a request to place this on the University Web site.
6. The Chairman, Board of Studies in Civil/Electrical/Mechanical/Bio-Medical/ECE/CSE, OU.
7. The Controller of Examinations, OU.
8. The Addl. Controller of Examinations (Professional/Confidential), OU.
9. The Deputy Registrar, Cheque-II Section, Examination Branch, OU.
10. The Secretary to the Vice-Chancellor, OU.
11. The P.A. to Registrar/Officer on Special Duty to V.C., OU.

Dwll/5/12

OSMANIA UNIVERSITY
HYDERABAD – 500 007

No. 1491 /Stat./Acad/2012. Dated: 07-12-2012
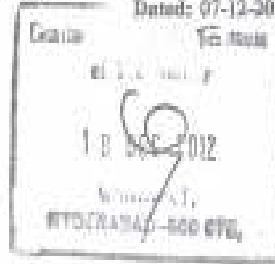
The Principal,
Chaitanya Bharathi Institute of Technology,
Gandipet, Hyderabad

Sub:- Revised Almanac of M.E./M.Tech. Part-Time (PTPG) III, IV, V &
IV semester for the academic year 2012-2013 – Approval –
Communicated – Reg.

Ref:- 1. This office letter no.1277/Stat/Acad/2012, dt.25/10/2012.
2. Letter No.DFE/2012/ME(Almanac)/95, dated:16-10-2012 from the Dean,
Faculty of Engineering, OU.

Sir/Madam,

In continuation of this office letter 1st cited and with reference to the letter 2nd cited, I am
to communicate the approval of the University for the Revised Almanac of M.E./M.Tech. Part-
Time (PTPG) III, IV, V & IV semester for the academic year 2012-2013:-

Revised Almanac for M.E./M.Tech. (Part-time):

Sl. No.	Particulars	III-Sem. (PTPG)	IV-Sem.(PTPG)
1.	Registration of Subjects and Commencement of Instruction	03-12-2012	15-04-2013
2.	First Class Test	17-01-2013 to 19-01-2013	04-07-2013 to 06-07-2013
3.	Second Class Test	07-03-2013 to 11-03-2013	22-08-2013 to 24-08-2013
4.	Last date of Instruction	16-03-2013	31-08-2013
5.	Display of Attendance and Sessional Marks	18-03-2013	02-09-2013
6.	Theory Examinations	25-03-2013 to 06-04-2013	09-09-2013 to 21-09-2013
7.	Declaration of Results	30-04-2013	12-10-2013
8.	Make-Up Examinations	07-05-2013 to 21-05-2013	21-10-2013 to 02-11-2013
9.	Summer Vacation	13-05-2013 to 08-06-2013	–

PTO

Revised Almanac for M.E./M.Tech. Project Evaluation and Submission:

Sl. No.	Particulars	V-Sem. (PTPG)	VI-Sem.(PTPG)
1.	Registration	03-12-2012	01-04-2013
2.	Project Seminar (Presentation & Evaluation)	14-03-2012 to 19-03-2013	29-07-2013
3.	Last date for submission of Draft Dissertation of Internal Viva-Voce Examination	-	--
4.	Internal Viva-Voce Examination	-	12-08-2013 to 17-08-2013
5.	Submission of approved Thesis of the students for External Evaluation	-	24-08-2013
6.	Conduct of External Viva-Voce Examination	-	09-09-2013 to 16-09-2013
7.	Late submission & Internal Viva-Voce Examination	-	23-09-2013 to 28-09-2013
8.	Conduct of External Viva-Voce Examination (for Late submission)	-	14-10-2013 to 19-10-2013

You are therefore, requested to take necessary action in the matter.

Yours Sincerely,

DEPUTY REGISTRAR
(Academic)

Copy to:-

1. The Dean, Faculty of Engineering, OU.
2. The Head, Department of Civil/Electrical/Mechanical/Bio-Medical/ECE/CSE, OU.
3. The Director, Directorate of Academic Audit, OU.
4. The Director, University Foreign Relations Office, OU.
5. The Director, (Infrastructure), OU – with a request to place this on the University Web site.
6. The Chairman, Board of Studies in Civil/Electrical/Mechanical/Bio-Medical/ECE/CSE, OU.
7. The Controller of Examinations, OU.
8. The Addl. Controller of Examinations (Professional/Confidential), OU.
9. The Deputy Registrar, Cheque-II Section, Examination Branch, OU.
10. The Secretary to the Vice-Chancellor, OU.
11. The P.A. to Registrar/Officer on Special Duty to V.C., OU.

Dvd/5/12

OSMANIA UNIVERSITY
HYDERABAD-500 007

No. 594 /58/ME/M.Tech./Al/Stat/Acad/2013

Dated: 24-04-2013

To
The Principal,

_____

_____

Sub:- Revised Almanac of M.E./M.Tech. Full-Time & Part-Time
II semester for the academic year 2012-2013 – Approval –
Communicated - Reg

Ref:- 1. This Office Letter No.1277/Stat/Acad/2012, dated:25-10-2012.
2. Letter No.DFE/2012/ME(Almanac)/95, dated:16-10-2012 from
the Dean, Faculty of Engineering, OU.
3. This Office Letter No.1509/Stat/Acad/2012, dated:12-12-2012.
4. Letter No.DFE/2013/ME(Almanac)/09, dated:16-04-2013, from
the Dean, Faculty of Engineering, OU.

***

Sir,

In continuation of this Office Letter 3rd cited and with reference to the letter
4th cited, I am desired to communicate the approval of the University for the following
revised almanac of M.E./M.Tech. Full-Time & Part-Time II semester for the academic
year 2012-2013:-

Sl.No.	Particulars	II Semester(Reg./ PTPG)
1.	Registration of subjects and Commencement of Classes	23-04-2013
2.	First Class Test	10-07-2013 to 12-07-2013
3.	Second Class Test	28-08-2013 to 31-08-2013
4.	Last date of Instructions	07-09-2013
5.	Display of Attendance and Sessional marks	10-09-2013
6.	Theory Examinations	16-09-2013 to 30-09-2013
7.	Declaration of Results	19-10-2013
8.	Make-up Examinations	28-10-2013 to 11-11-2013
9.	Summer Vacation	13-05-2013 to 08-06-2013

Note: Need based arrangements may be made to take care of contingencies,
if any.

Yours sincerely,

ASSISTANT REGISTRAR
(Academic)

Euds No. 1 AECl12

04. 13/6/13

copy communicated

To

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