CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY

Kokapet (Village), Gandipet, Hyderabad, Telangana - 500075.

IQAC ANNUAL REPORT
2017-2018

INTERNAL QUALITY ASSURANCE CELL – IQAC

www.cbit.ac.in

INTERNAL QUALITY ASSURANCE CELL – IQAC

Vision

To ensure quality culture as the prime concern for the Higher Education Institutions through institutionalizing and internalizing all the initiatives taken with internal and external support.

Objective

The primary aim of IQAC is

1. To develop a system for conscious, consistent and catalytic action to improve the academic and administrative performance of the institution.
2. To promote measures for institutional functioning towards quality enhancement through internalization of quality culture and institutionalization of best practices.

Functions

- Development and application of quality benchmarks.
- Parameters for various academic and administrative activities of the institution.
- Facilitating the creation of a learner-centric environment conducive to quality education and faculty maturation to adopt the required knowledge and technology for participatory teaching and learning process.
- Collection and analysis of feedback from all stakeholders on quality-related institutional processes.
- Dissemination of information on various quality parameters to all stakeholders.
- Organization of inter and intra institutional workshops, seminars on quality related themes and promotion of quality circles.
- Documentation of the various programmes/activities leading to quality improvement.
- Acting as a nodal agency of the Institution for coordinating quality-related activities, including adoption and dissemination of best practices.
- Development and maintenance of institutional database through MIS for the purpose of maintaining /enhancing the institutional quality.
- Periodical conduct of Academic and Administrative Audit and its follow-up.
- Preparation and submission of the Annual Quality Assurance Report (AQAR) as per guidelines and parameters of NAAC.

CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY

(Autonomous)

Kokapet (Village), Gandipet, Hyderabad, Telangana – 500075

www.cbit.ac.in

INTERNAL QUALITY ASSURANCE CELL – IQAC

INDEX

1. INSTITUTE ACHIEVEMENTS IN 2017-18

1. The Institute has been participating in NIRF Rankings since 2016 and had been ranked in the Rank band: 101-150 in the Engineering Category for the Year 2018.

2. The institute is certified with, ISO 9001:2015 for Implementation of Quality Standards. The certificate was awarded in January, 2018 (Validity till 10/01/2021).

3. The institute is certified with, ISO 9001:2008 for Implementation of Quality Standards. The certificate was awarded in January, 2014 (Validity till 17/10/2017).

4. CBIT is ranked 24th among the top 100 Private Engineering Institutions as per the ranking survey conducted by EW India Private Higher Education Ranking Awards 2017. CBIT is ranked 32nd out of top 100 Engineering Colleges in the country and first in the State as per the survey conducted by the "OUT LOOK" Magazine in June 2017 edition.

5. CBIT is ranked over all - 34th among the top 150 Engineering Institutions & 21st among the top Private Engineering Institutes which include IITs & NITs as per the survey conducted by i3RC Times Top 150 Engineering Institutions rankings, 2017.

6. CBIT is ranked 57th out of top 100 Engineering Colleges in the country and 1st in State and 15th among the Top Private Engineering colleges in India in the Survey "THE WEEK" Magazine June 2017 edition. CBIT ranked AAAA in the Survey conducted by Careers 360 magazine in the year 2017.

7. All 9 UG Engineering and 5 PG Engineering Programmes are accredited by NBA whereas all the UG Engineering programmes are accredited for 5th time.

8. CBIT is accredited by NAAC twice and secured A grade by UGC for five years w.e.f. 2017-18.

9. The publications (Scopus/WoS) by the faculty are summarised below:

Calendar Year	2017	2018
Publications	67	110
Citations	170	288

10. There has been considerable progress in Research and Development front a total of 22 sponsored and consultancy projects worth about 2.5 Crores have been sanctioned to the Institute from different funding agencies.

11. Signed MoU with JNTU Kakinada for "Establishing Marine Navigation and Communication Research Centre (MNCRC) for Research and Development Activities".

12. M/s.Hexagon Capability Centre India Pvt. Ltd., has set up a 3D Innovation lab & inaugurated on 12.10.2017 in the R&D Block of CBIT in order to impart practical knowledge and technical training in the cutting-edge technologies to the students which would enable them to gain hands on experience in the latest technologies employed in the Industries.

13. Royal Academy of Engineering, UK, declared 2018 as Year of Engineering. Federation of Indian Chamber of Commerce and Industry (FICCI) has partnered with UK's Royal Academy of Engineering to promote the Industry Academia Partnership Programmes under the NEWTON-BHABHA FUND - an initiative of the UK and Indian Governments to enhance science, innovation and research co-operation between the two countries. In this context, CBIT has submitted a project proposal entitled "Establishment of Collaborative Research, Training and Teaching on Location Based Services for Smart Cities" for the tune of £50,000 (Rs. 40 lakhs).

14. During the last academic year 49 Conference / Workshops & FDPs have been organised by the Institute and conducted as many as 24 short courses under the flagship programmes of MHRD, AICTE and others. Our faculty attended for 91 seminars / conference & workshops conducted by various institutions. 21 faculty were delivered Guest Lectures in other Institutions. 12 faculty were chaired different sessions.

15. Around 20 students of Mechanical Engineering designed and developed a Race car and participated in the Race Car event organised by ATA Formula Society for Mechanical Engineering (FSAE) London during 13th to 19th July, 2017 at Silverstone Circuit, UK.

16. The students of IT & CSE secured 5th & 8th positions respectively in all India level Smart India Hackathon competition organised by the AICTE on 1st & 2nd April, 2017 at Bhuvaneshwar & Pune.

17. Ms.Supriya Sanum , ME (CAD/CAM)-2015 Passed out student was the FIRST LADY LOCO PILOT in Hyderabad METRO who steered the inaugural Metro Rail train that drove Hon'ble Prime Minister Sri Narendra Modi, Hon'ble Governor Sri E.S.L. Narsimhan, Hon'ble Chief Minister, Sri K. Chandra Sekhar Rao and Sri K. Taraka Rama Rao, Minister for IT, and other dignitaries on 28th November 2017.

18. The overall pass percentage for the academic year 2017-18 is 93.56 which includes 611 distinctions and 543 First Classes.

19. Awarded 24 Gold Medals for the 2017-18 passed out batch and also awarding 93 Silver Medals for the students who achieved highest marks in the previous Academic year.

20. Total Placements for the Academic Year 2017-18: 1082; Total Internships : 365; Highest CTC offered : 39.00 Lakhs / Annum; Average CTC : 6.6 Lakhs / Annum.

21. Students won Badminton cup, Gold medal in Athletics, Chess Championship, Gold medal in State level wrestling, Gold medal in Chess tournaments.

22. There are 18 Clubs for all round development of students. The major clubs under student activities are Social & Cultural, Science & Technology, Sports & Games, which remain active throughout the year.

2. IQAC NEWS 2017-18

NIRF Ranking 2018

Chaitanya Bharathi Institute of Technology secured in the Rank band: 101-150 in the all-India National Level NIRF Ranking 2018, published by Ministry of Education.

<u>NIRF 2018 participation Certificate</u>

nirfindia.org/2018/EngineeringRanking150.html

National Institutional Ranking Framework
Ministry of Education
Government of India

| HOME | ABOUT NIRF | PARAMETERS | DOCUMENTS | RANKING | NOTIFICATION/ADVT | FAQS | CONTACT |

India Rankings 2018: Engineering (Rank-band: 101-150)

Institution list in alphabetical order   Back

Name	City	State
Atal Bihari Vajpayee Indian Institute of Information Technology and Management	Gwalior	Madhya Pradesh
Bansilal Ramnath Agarwal Charitable Trust`s Vishwakarama Institute of Technology	Pune	Maharashtra
Bharatiya Vidya Bhavan`s Sardar Patel Institute of Technology	Mumbai	Maharashtra
BMS Institute of Technology & Management	Bengaluru	Karnataka
Chaitanya Bharathi Institute of Technology	Hyderabad	Telangana
CVR College of Engineering	Ibrahimpatan	Telangana
Dayananda Sagar College of Engineering	Bengaluru	Karnataka
Dhirubhai Ambani Institute of Information and Communication Technology	Gandhinagar	Gujarat
G. H. Raisoni College of Engineering	Nagpur	Maharashtra
Galgotias College of Engineering & Technology	Greater Noida	Uttar Pradesh
Gandhi Institute for Technological Advancement	Bhubaneswar	Odisha
Graphic Era	Dehradun	Uttarakhand
Heritage Institute of Technology	Kolkata	West Bengal
Hindustan Institute of Technology and Science	Chennai	Tamil Nadu
Institute of Engineering & Management	Kolkata	West Bengal

ISO Certification

ISO 9001:2015 Certification was issued to Chaitanya Bharathi Institute of Technology, Hyderabad, for the streamlined processes of the college office. Certification was awarded on 11 January, 2018 (Expiry Date: 10-01-2021), after necessary preparations and scrutiny.

ISO 9001:2008 Certification was issued to Chaitanya Bharathi Institute of Technology, Hyderabad, for the streamlined processes of the college office. Certification was awarded on 14 October, 2014 (Expiry Date: 17-10-2017), after necessary preparations and scrutiny.

DNV BUSINESS ASSURANCE

MANAGEMENT SYSTEM CERTIFICATE

Certificate No. 41094-2008-AQ-IND-RvA Rev. 03

This is to certify that

CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY
(AUTONOMOUS)

at

Gandhipet, Hyderabad - 500 075, Telangana, INDIA

has been found to conform to the Quality Management System Standard:

ISO 9001:2008

This certificate is valid for the following scope:

PROVISION OF UNDERGRADUATE COURSES IN ENGINEERING, POSTGRADUATE COURSES IN COMPUTERS AND MANAGEMENT & ALLIED SUPPORT ACTIVITIES

Initial Certification date:
18 October 2002

This Certificate is valid until:
17 October 2017

Place and date of issue:
Chennai, 14 October 2014

for the Accredited Unit:
DET NORSKE VERITAS CERTIFICATION B.V.,
THE NETHERLANDS

The audit has been performed under the supervision of:
Vijay Kumar Yadav
Lead Auditor

Sivadasan Madiyath
Management Representative

Lack of fulfilment of conditions as set out in the Certification Agreement & the annexure to this certificate may render this Certificate invalid.

DET NORSKE VERITAS CERTIFICATION B.V, Zwolseweg 1, 2994 LB Barendrecht, The Netherlands, TEL: +31 10 2922 688 - www.dnv.com / www.dnv.nl
ISSUED BY: DNV BUSINESS ASSURANCE INDIA PVT LTD, 201, 2ND FLOOR, KUMAR PLAZA, KALINA KURLA ROAD, KALINA VILLAGE, SANTACRUZ (E), MUMBAI - 400 029, INDIA
www.dnvgl.com

3. QUALITY INITIATIVES BY IQAC

Preparation of Academic Calendar

IQAC ensured timely preparation and release of college academic calendar for the year 2017-2018. Inputs and scheduling of various events were collected from Governing council, academic council, office of the Controller of Examinations, college council, principal, departments, cells and clubs. Academic Calendar took into consideration the curricular, co-curricular and extra-curricular activities in the Institute and the proposed examination schedules.

Academic and Administrative Audit

In pursuit of the commitment of the college towards quality improvement, IQAC initiated Academic and Administrative Audit. The audit reports and analysis were taken up for corrective and enhancive measures by the institution.

Accreditation Initiatives - NBA Accreditation

NBA accreditation of 9 UG programs B.E-Electronics & Communication Engineering; B.E-Production Engineering; B.E-Information Technology; B.Tech-Biotechnology; B.E-Computer science & Engineering; B.E-Electrical & Electronics Engineering; B.E-Civil Engineering; B.Tech-Chemical Engineering and B.E-Mechanical Engineering for three year from 2017-18 to 2019-20 i.e. up to 30-06-2020.

FIVE UG Programs - NBA Accreditation Certificate:

NATIONAL BOARD OF ACCREDITATION

NBCC Place, East Tower, 4" Floor, Bhisham Pitamah Marg,
Pragati Vihar, New Delhi-110 003
Tel: +91 11 2436 0620-22 ; Telefax: +91 11 4308 4903
Website: www.nbaind.org

NATIONAL BOARD of ACCREDITATION

File No. 11-35-2010-NBA   Date: 16-10-2017

To

The Principal
Chaitanaya Bharthi Institute of Technology,
Chaitanya Bharathi Post Office,Kokapet Village,
Gandipet, Hyderabad- 500075
Telangana

Subject: Accreditation status of programmes applied by Chaitanaya Bharthi Institute of Technology, Chaitanya Bharathi Post Office Kokapet Village, Gandipet, Hyderabad- 500075, Telangana.

Sir,

This has reference to your Application ID No. 1729 dated 25/01/2016 in Tier-II format seeking accreditation by National Board of Accreditation to UG Engineering programmes offered by Chaitanaya Bharthi Institute of Technology, Chaitanya Bharathi Post Office,Kokapet Village, Gandipet, Hyderabad-500075, Telangana.

2.   An Expert Team conducted on-site evaluation of the programmes during 07th- 09th July, 2017. The report submitted by the Expert Team was considered by the concerned Committees constituted for the purpose in NBA. The Competent Authority in NBA has approved the following accreditation status to the programmes as given in the table below:

S.No	Name of the Programmes (UG)	Basis of Evaluation	Accreditation Status	Period of validity	Remarks
(1)	(2)	(3)	(4)	(5)	(6)
1.	Computer Science & Engineering		Provisionally Accredited		
2.	Electrical & Electronics Engineering		Provisionally Accredited		Accreditation status granted is valid for the period indicated in col.5 or till the program has the approval of the competent authority, whichever is earlier
3.	Civil Engineering	Tier-II June 2015 Document	Provisionally Accredited	Academic Years 2017-2018 to 2019-2020 i.e., up to 30-06-2020	
4.	Mechanical Engineering		Provisionally Accredited		
5.	Chemical Engineering		Provisionally Accredited		

3.   It may be noted that only students who graduate during the validity period of accreditation, will be deemed to have graduated with an NBA accredited degree.

Contd/-

FOUR UG Program NBA Accreditation Certificate:

NATIONAL BOARD OF ACCREDITATION

NBCC Place, East Tower, 4ᵗʰ Floor, Bhisham Pitamah Marg,
Pragati Vihar, New Delhi-110 003
Tel: +91 11 2436 0620-22 ; Telefax: +91 11 4308 4903
Website: www.nbaind.org

NATIONAL BOARD of ACCREDITATION

F.No. 11-35-2010-NBA

Date: 19-01-2018

To
The Principal
Chaitanaya Bharthi Institute of Technology,
Post Office, Kokapet,
Village Gandipet
Hyderabad, 500075, Telangana

Subject: Accreditation status of programs applied by Chaitanaya Bharthi Institute of Technology, Post Office, Kokapet, Village Gandipet Hyderabad, 500075, Telangana.

Sir,

This has reference to your application No. 1730 dated 25/01/2016 seeking accreditation by National Board of Accreditation in Tier-II format to UG Engineering programs offered by Chaitanaya Bharthi Institute of Technology, Post Office, Kokapet, Village Gandipet Hyderabad, 500075, Telangana.

2. An Expert Team conducted on-site evaluation of the programs from 22ⁿᵈ to 24ᵗʰ September, 2017. The report submitted by the Expert Team was considered by the concerned Committees constituted for the purpose in NBA. The competent authority in NBA has approved the following accreditation status to the programs as given in the table below:

Sl. N	Name of the Program(s) (UG)	Basis of Evaluation	Accreditation Status	Period of validity	Remarks
(1)	(2)	(3)	(4)	(5)	(6)
1.	Electronics & Communication Engineering	Tier-II June 2015 Document	Provisionally Accredited (661 marks awarded by the Visiting Team increased to 671 as per the observations made and indicated in the Annexure to this letter)	Academic Years 2017-2018 to 2019-2020 i.e. upto 30-06-2020	Accreditation status granted is valid for the period indicated in Col.5 or till the program has the approval of the competent authority, whichever is earlier
2.	Production Engineering				
3.	Information Technology		Provisionally Accredited		
4.	Biotechnology				

3. It may be noted that only students who graduate during the validity period of accreditation, will be deemed to have graduated with an NBA accredited degree.

Contd/...

NAAC Accreditation

The institute has accredited with NAAC with CGPA of 3.11 on seven point scale at A Grade for 5 years from September 12, 2017 to September 11, 2022.

राष्ट्रीय मूल्यांकन एवं प्रत्यायन परिषद

विश्वविद्यालय अनुदान आयोग का स्वायत्त संस्थान

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

An Autonomous Institution of the University Grants Commission

Certificate of Accreditation

The Executive Committee of the
National Assessment and Accreditation Council
on the recommendation of the duly appointed
Peer Team is pleased to declare the
Chaitanya Bharathi Institute of Technology
Gandipet, Hyderabad, Dist. Rangareddy, affiliated to Osmania University,
Telangana as

Accredited

with CGPA of 3.11 on seven point scale

at A grade

valid up to September 11, 2022

Date : September 12, 2017

Director

EC(SC)/27/A&A/3.2

4. ACTIVITIES CONDUCTED BY IQAC

Collaborative quality initiatives with other institutions

1. Collaboration with HEXAGON 3D INNOVATION LAB for three years from 2017-18 to 2019-20 under its CSR policy is committed to improving the quality of education which benefits the students in particular and the society in general by contributing to educational infrastructure, training and facilities through partnership with institutions, colleges, universities and government and quasi government agencies.

2. Collaboration with Jawaharlal Nehru Technological University Kakinada for three years from 2017-18 to 2019-20 to create expertise and cater growing Marine Navigation and Communication research needs in India and abroad.

Conferences, Seminars, Workshops on quality conducted

1. Faculty Development Program on "Quality initiatives - New Teaching Methodologies, research methodology, Copy Right Issues and Teacher responsibilities " from 27-11-2017 to 01-12-2017 organized by department of ECE, Chaitanya Bharathi Institute of Technology, Hyderabad.

2. Seminar on "What Now and What Next (Academia/Research perspective)" on 10-01-2018 organized by Department of Biotechnology, Chaitanya Bharathi Institute of Technology, Hyderabad.

3. Faculty Development Programme on "TRANSFORMING MANAGEMENT FACULTY INTO THE BEST PERFORMERS" from 29-12-2017 to 30-12-2017 Organized by School of Management Studies, Chaitanya Bharathi Institute of Technology, Hyderabad.

5. FEEDBACK MECHANISM

Feedback on Curriculum

Feedback on curriculum by the students, faculty, alumni and employers was collected and analysed. The analysis reports were given to the academic Directors to be communicated to the respective Boards of Studies for further consideration.

Feedback on Teachers and Teaching

Feedback on teachers and teaching-learning process in the institute was taken from students in online mode through college ERP and direct feedback also. The analysis of the feedback was evaluated and made available to the respective teachers for further improvement in the teaching learning process. Principal took corrective and enhancive measures with the individual teachers wherever necessary.

Exit Survey from Outgoing Students

In view of bettering the academics, infrastructure, services and co-curricular ambience in the institution, an Exit survey was conducted among the out-going students. The survey consisted of two sections; the first enquires about the achievement of student learning outcomes and the second asks about satisfaction with various aspects and services of the college.

Outcome Attainment Analysis under OBE Scheme

In continuation of the implementation of Outcome-Based Education at Chaitanya Bharathi Institute of Technology, the attainment of outcomes was assessed for the batches and students who passed out in 2018. From the assessment of Course Outcomes, attainment of Programme Outcomes and Programme Specific Outcomes was calculated. The analysis reports were made available to all departments by IQAC.

6. FACULTY DEVELOPMENT PROGRAMMES

Faculty Orientation Programme

- One Week Online Faculty Development Programme on "Professional Ethics and Human Values" has been organized by the Department of Physics, Chaitanya Bharathi Institute of Technology, Hyderabad during 10-14th July, 2017.

CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY
DEPARTMENT OF PHYSICS
Faculty Development Programme on
PROFESSIONAL ETHICS AND HUMAN VALUES
July 10-14th , 2017

Faculty Development Programme on
PROFESSIONAL ETHICS AND HUMAN VALUES
SCHEDULE

S. No.	Day / Date	Morning Session		Evening Session	
1.	Day-1: 10-7-2017	10:00AM-01:00 PM	Inaugural Session & Key note Address	02:00 – 04:00 PM	Mulya Pravah -Dr. G. Suresh Babu, CBIT, Hyderabad
2.	Day-2: 11-7-2017	10:00AM-12:00 PM	Need for value education Program -Prof. P. Sreenivas Sarma	02:00 – 04:00 PM	Self and Body -Dr. A.V.N. Rao
3.	Day-3: 12-7-2017	10:00AM-12:00 PM	Holistic perception of harmony in existence -Prof. P. Sreenivasa Sarma	02:00 – 04:00 PM	Relationships, Trust & Respect -Dr. A.V.N. Rao
4.	Day-4: 13-7-2017	10:00AM-12:00 PM	Care, Guidance, Gratitude etc. --Dr. A.V.N. Rao	02:00 – 04:00 PM	Society and Nature --Dr. G. Suresh Babu, CBIT, Hyderabad
5.	Day-5: 13-7-2017	10:00AM-12:00 PM	Professional Ethics -Prof P. Sreenivasa Sarma, CBIT, Hyderabad	02:00 – 04:00 PM	Valedictory & Feedback

HEAD
Department of Physics
Chaitanya Bharathi Institute of Technology (A)
Gandipet, Hyderabad

7. STUDENT ENRICHMENT PROGRAMMES

Student Induction Programme (SIP)

Chaitanya Bharathi Institute of Technology, Hyderabad organized the Student Induction Programme (SIP) as per the norms of AICTE to provide an orientation to the first-year engineering students who joined the institution for the four years B.E/B.Tech program. The one-week Orientation program followed by Student Induction Program was conducted from 24.07.2017 to 04.08.2017 in offline mode, following all the safety measures as mandated by AICTE and the state government.

Traffic Awareness Program

Students in Yoga Session

Prof. Suresh Pabboju
Coordinator- IQAC

Prof. P. Ravinder Reddy
Principal & Chairman, IQAC
Principal
Chaitanya Bharathi Institute of Technology
(Autonomous)
Gandipet, Hyderabad-500 075.

IQAC-CBIT