CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY (A)-HYDERABAD
IQAC External Peer Team Report (Year: 2021-2022)

As per the request made by the IQAC of the college to the External Peer team members, the peer team visited Chaitanya Bharathi Institute of Technology (Autonomous), Kokapet(V), Gandipet(M), Hyderabad - 500075 on 29-08-2022 and interacted with the Head of the Institution, Directors, Heads of the departments, CoE, Section Heads, faculty and staff of the college. The team reviewed the functioning of the mandatory bodies and the documents concerning the unique initiatives and transparent system developed.

The following documents were verified and noted the regularity and functioning of the mandatory bodies in view of the stipulated UGC guidelines:

a) The Autonomous Report of the college submitted to UGC for the extension of Autonomy

b) The timely submitted Annual Quality Assurance Reports (AQAR)

c) Minutes of the Governing Body, Academic Council, Board of Studies, Finance Committee.

d) Audited statements of expenditure.

e) The minutes of IQAC.

f) Strategic plan.

g) Department Academic Audit Reports.

The committee has made the following observations after its interaction and review of documents:

1. Summary of the remedial measures for the suggestions made by the members in the IQAC meeting held on 31-05-2021 is witnessed.

2. In the process of adding new courses in the emerging area, one new course B.E. (Artificial Intelligence and Machine Learning) and an additional section in B.E. (Artificial Intelligence and Data Science) have been added for the academic year. On the whole, CBIT is offering 12 UG and 10 PG Programmes including MBA & MCA.

3. It is noticed that in the academic year 2021-22, 97.6% of UG seats have been filled. The best EAMCET Rank is554 and many are below 1000 rank.

4. In the academic year 2021-22, 79.9% of PG seats have been filled with meritorious candidates. The best PGECET Rank for ME/ MTech is 6, the best ICET Rank for MBA is 199 and the best ICET Rank is MCA is 100.

5. The class work has been conducted without much changes in the scheduled Almanac in spite of lockdowns / holidays due to Covid – 19. As per the need, class work has been conducted in offline mode, online mode and hybrid mode.

6. The results (pass percentage) of outgoing batch of 2020-21 are 98.31%, 93.68%, 87.76% and 98.23% for B.E./B.Tech, M.E. / M.Tech., MCA and MBA, respectively.

7. Two new courses such as "Digital Fabrication Lab(1.5 Credits)" and "Robotics & Drones Lab (3.5 credits)" are introduced in place of "Workshop and Manufacturing Practice" and "Engineering Exploration" in the first and second semesters of the revised R20 scheme are   included, this will be effective from the year 2022-23.

8. Training platforms towards improving quality placements: To improve quality placements institute has subscribed placement training platform "Neoly".

9. Institute has a well-designed system in place for mentoring the students and counselling them in case of any critical situation that hinders their progression. Remedial Classes are conducted for slow learners while the advanced learners are encouraged to quench their thirst by participating in technical competitions, Hackathons, workshops, Quizzes, model making, poster & paper presentations and conferences.

10. Research and Development activities: Since May 2021 several research activities have been taken place for the benefit both students and faculty. Two sponsored projects worth of Rs. 57 Lakhs and one consultancy project worth of Rs. 21 Lakhs are sanctioned. Two projects are transferred from other institutes to CBIT worth of Rs. 13 Lakhs. The institute has organized 3rd Research Day on 28 August 2021. This opportunity is availed by both faculty and students and presented more than 110 papers. Four international conferences are organised (Circuit branches, Mechanical, Civil and Bio-Technology). Ten webinars and one quiz were conducted in collaboration with the departments with an aim to improve the quality and expose our faculty and students to the latest developments. The institution provides seed money to the prospective students/faculty to motivate them to carryout projects in the latest areas which would be help the society. This year, so for we recommended 8 student projects worth of Rs 1.2 Lakhs and one faculty project worth of Rs. 0.46 Lakhs/-.

11. National Atmospheric Research Laboratory (NARL), Department of Space (DOS), under a major scientific project to study the impact of Urbanization on Boundary Layer, Clouds and Rainfall deployed an Automatic Weather Station (AWS) at CBIT.

12. Institute Innovation Cell for encouraging Innovation Culture among Students by Conducting training programmes/ workshops/events/competitions.

13. ARIIA Rating: CBIT is recognised in the Band "EXCELLENT" category in the ATAL Ranking of Institutions on Innovation Achievement (ARIIA) 2021.

14. Institute has Collaborations with T-Hub's T-Tribe, TiE Hyderabd and MSME for

Developing Entrepreneurship Culture.

15. ACIC-CBIT Research and Entrepreneurship Foundation is established and registered by CBIT as Special Purpose Vehicle.

16. Summary of IPRs by the Institute :

- Total Number of IPRs count is: 39.
- IPRs (Patents Granted) : 5
- IPRs Published: 17 (Six are under Reply to Examination report and Hearing)
- IPRs. Filed: 5
- IPR(Copy rights) Registered/Granted: 13

17. Faculty recruitments for the year 2021-22: Institute has implemented reforms in recruitment policy and targeted on acquiring the best of the talent by involving the Professors from IITs and IISc Institutions. During the year 2021- till date institute has inducted a count of 99 faculty at different positions as per the required ratio. Institute specifies a compulsory PhD degree at the Assistant Professor Level as per the 7th CPC Norms. The total count of PhD faculty that we have recruited during the period is 51 that increases the count to 174 PhD Faculty till date while the remaining (99.9%) are already pursuing their PhD.

18. Accreditation by NBA for six UG programs : The institute has applied for NBA Accreditation for the following six (6) UG programs.

    1. B.E (Civil Engineering)
    2. B.E (Mechanical engineering)
    3. B.E (Electronics and Communication Engineering)
    4. B.E (Computer Science and Engineering)
    5. B.E (Information Technology)
    6. B.E (Electrical and Electronics Engineering)

The Accreditation Visit to the institute to evaluate six (6) UG programs by NBA was scheduled from 10th to 12th December 2021 through on line mode. The on line mode visit by NBA experts was completed as per the schedules and the exit meeting was held on 12-12-2021.

The institute has received a letter from NBA, dated 18-04-2022, stating that the competent authority in NBA has approved the accreditation for all the programs for three years for Sl. No 1 to 5, and six years for Sl. No. 6 of the above.

19. Good library and Book Bank facilities are available.

20. Proactive Management takes keen interest in the growth of the institute.

21. In addition to all the above stated good practices, there has been full support to co-curricular, literary, cultural, sports and games activities.

The team, based on its observation records all the progressive steps under taken by the institution and appeals the UGC to extend Autonomous status to the institution.

External Peer Team:

S.No	Members	Signature
1.	Prof. V. Bhikshma, Senior Professor, Dept. of Civil Engineering, OUCE, Hyderabad.	
2.	Prof. P. Chandrasekhar, Vice Principal, OUCE, Hyderabad.	
3.	Prof. K. Shyamala, Director-Academic Audit, OU, Hyderabad.	

Date: 29-08-2022
Venue: CBIT, Hyderabad