

A Report  
on  
Induction Programme for Engineering  
Entrants

(A three week mandatory course for each branch of  
Engineering of  
First-Year B.Tech. Program)

Academic Year

2023-2024



Chaitanya Bharathi Institute of Technology

An Autonomous Institution

Vidyanagar, Proddatur.

## About the Institution

Chaitanya Bharathi Institute of Technology was established at Proddatur in Y S R (Kadapa) District, Andhra Pradesh, India, with an objective of providing quality and value education to the students. It is one of the flagship institutions started by the well known Philanthropist Sri. V. Jayachandra Reddy, Secretary and Correspondent along with his young and energetic committee members.

Under the aegis of Bharathi Educational Society, Chaitanya Bharathi Institute of Technology (CBIT) established in the academic year 2008 with the approval of the All India Council for Technical Education (A.I.C.T.E), New Delhi, and the recognition of the Government of Andhra Pradesh. It is permanently affiliated to Jawaharlal Nehru Technological University, Anantapuramu (J.N.T.U.A) With the incredible amount of training initiatives that are in full swing, our technocrats will hopefully achieve great heights in the near future. Simultaneously, the task of getting the campus ready to churn out whiz kids of Tomorrow by integrating more research labs is in progress.

CBIT is one of among premier technical institutes imparting finest quality education offering degrees in **B.Tech.** MBA in the Rayalaseema region of Andhra Pradesh. The evolution of the institute over the past 15 years has witnessed a strong blend of state-of-the-art infrastructure and intricately intertwined human resource committed to endow with professional education with thrust on creativity and innovation. The motivating environment in CBIT for knowledge assimilation, generation, and dissemination with a sense of social responsibility, human values and concern for the environment have carved a niche for itself among the best technical institutes. In CBIT, it is believed and practiced that excellence is a continuous process and in pursuit of which the institute has made deep forays into contributing world renowned technocrats, successful entrepreneurs and competent leaders.

CBIT has a very eco-friendly campus equipped with state-of-art infrastructure. It takes pride in offering well-equipped labs, workshops, and libraries to help students in attaining highest standards in academics, research, and professional skills. The main focus of the Institution is to empower students with sound knowledge, wisdom, experience, and training both at the academic level of Engineering and in the highly competitive global industrial market. The infrastructure facilities and state-of-the-art equipment combined with a galaxy of competent, talented and dedicated faculty contribute to an enjoyable and easy learning experience. We wish the best for all our students and the members of the institution who reiterate their aims at providing the best in academic and extra-curricular.

## **About Induction Programme**

CBIT hosted the Induction Program, a unique fusion of specially engineered academic and non-academic activities, to nurture, mould and fortify engineering entrants for the days to come. The three weeks' phase commencing from 31<sup>st</sup> August 2023 to 12<sup>th</sup> September 2023 marked the implementation of the induction program and celebrated in high fervour by the team of expert faculties of the institution. Total 600 entrants from Civil, Computer, Electronics, Electrical, Mechanical, Artificial Intelligence, Data Science & Machine Learning branches of engineering participated enthusiastically and obtained benefit from the program. They were provided the cursory view of various dimensions of engineering and the career opportunities in the field and the systems and procedures of the college to ease their transition to the core engineering program. They were enlightened about the prospective scope of the arena that they had opted for their success.

## **Rationale**

Plus two graduates of contemporary era exhibit blind craze of pursuing a shining career in the field of engineering, where aspirants embark on their academic journey without determining their interests and goals. This inclination turns into a major roadblock in an academic journey and attainment of goal for engineering students. Besides, the adjustment in a new milieu, peer pressure, hostel life, expectations of parents and their close supervision, monitoring of teachers, competition, increasing workload and responsibilities and above all individual aspirations shake spirit of students. Consequently, ample number of promising students suffer from deterioration in their academic performance. To aid students overcome this despicable entity is the need of the time and, indeed, a mammoth challenge for the academic institutions. Accentuating the remedy to the entity, AICTE introduced Induction Program and announced it mandatory for all colleges. CBIT's Induction Program is an attempt to meet the directives and standards set by the AICTE in *A Guide to Induction Program*.

Considering the long span of academic hibernation after completion of higher secondary exams, induction programme proved itself a fruitful educational ambition of rejuvenating the spirit of entrants and redirecting them to educational goals. The interaction with the induction programme equipped entrants not only with the boost to their educational pursuits but also

with the work-culture, industrial exposure, social experiences, and various institutional activities. The present induction program aptly supported students in rationalizing their choice of study, developing bonding with peers and comfort at the new academic environment, exploring their academic interest, determining goals, pursuit for excellence, imbibing a broader view of life, and building character.

**Objectives:**

- 1) To help the engineering entrants adjust and feel comfortable in the new academic milieu
- 2) To furnish them with an ease of transition to mainstream engineering studies through the introduction of ethos and culture of the institution
- 3) To help entrants build progressive and emotional bonds with peers and faculty members to self-explore and comprehend the larger purpose
- 4) To inculcate the virtues of health and hygiene and help them realize the power of inner strength
- 5) To revise and reform the seminal concepts to fill the lacuna and sensitize them towards exploring their academic interest and goals for excellence in academics
- 6) To develop awareness, sensitivity, and understanding of the self, people around them, society at large, and nature.
- 7) To promote holistic development through the exposure of wide gamut of curricular, co-curricular and extracurricular activities.

**Inaugural Function:**

All the students were directed to assemble in the seminar hall the Principal, in presence of Heads of respective departments and entrants inaugurated the Induction Program. Dr.G.Sreenivasula Reddy, the Chair, welcomed and enlightened the entrants with epigrammatic history of institution's academic excellence and conceptualization of various activities constituting induction program and the objectives. The Chair in his address accentuated the importance of transcending the knowledge of engineering into the application for the betterment of the society and appealed the entrants to utilize maximum resources at most of their capacity for academic enhancement.

In the second half of the day, Entrants were taken for the campus tour with a view to familiarizing them with the library, canteen, workshops, various central facilities and infrastructure available at the Institute which was organized by respective departments. Entrants were well informed about the difference between academic culture in college and study culture in school. They were appealed to acquire etiquettes, sense of grooming, and

professional ethics, in addition to their concentration, during the course of graduation. Campus tour played instrumental role by offering entrants firsthand and complete experience of institution's character, intellectual stature, vibrancy, infrastructure, and amenities. Department representatives enthusiastically attended the academic curiosity of entrants during the campus visit. The day ended with the sense of attainment and gratification on both the ends students as well as Induction Team.

The Next day, the day started with a visit to the respective department. The Principal, Academic Dean, Heads and Class Counsellors interacted with entrants and imparted important information about the credit and grading system, and the examination scheme. A profound description of the role the technology and their respective branch play in recuperating society and contribution that society and nation, in broader view, Expect from graduate engineers in their field of specialization was furnished with the aid of compact presentations, audio and videos, anecdotes, and interaction.



Principal Sir addressing on the Code of Conduct

## Physical Activities:

Students were involved in sports, games and Yoga in order to keep their body healthy and fit.

## Glimpses



Checking the weight and height of the students



## UHV CLASSES

The function of most of these basic values is **to make it possible for every human to realise or maintain the very highest or most basic universal core values of life, love and happiness.** Human values help in understanding the attitude, motivation, behaviour, and also influence one's perception about the world.





## FAMILIARIZATION OF DEPARTMENT:

The Students are shown their department, and told what it means to get into the branch or department. Describe what role the technology related to their department plays in society, and after graduation what role the student would play in society as an engineer in that branch.



Faculty Explaining about their labs

## LITERARY ACTIVITIES:



Story Narration



Vocabulary Activity

## **PROFICIENCY MODULES: PM (MATHS)**



## **LECTURE ON EMERGING TECHNOLOGIES**



## **OUTCOMES OF THE PROGRAMME:**

- Entrants were able to display confidence and successful transition into a new academic environment.
- Entrants were able to utilize primary resources and facilities of the institute.
- Entrants were able to establish positive acquaintance with their peers, faculties, and institute as whole.
- Entrants were able to attach moral values and behaviors with the practices of the institutional activities.
- Self-analysis and introspection was positively bridged for their academic needs.
- Entrants were able to get convinced to structured and collaborative learning platform.
- Entrants were able to project exemplary performance in activities designed during induction programme

## **CONCLUSION:**

Student Induction Program was conducted for all the students so that they get to know the course structure and the importance towards quality education. The total involvement of deputed faculties actively engrossed in various responsibilities of Induction programme, which facilitated to motivate the entrants to stir like a sugar in water of institutional activities. Students are made aware about multidisciplinary areas and their developments and developed ability to transcend from subjective knowledge to the application of subject in real life situations. With the fulfillment of the stated objectives, the Induction Programme concluded with great success.