

## **Annual Report 2023-24**

### **AWARDS AND RECOGNITION**

The Academic Year 2023 – 2024 was an eventful year and Chennai Institute of technology has reached several milestones and has excelled in several activities during this year.

- Secured 101-150 Band in NIRF Ranking under Engineering Category and Chennai Institute of Technology is one of the Youngest Institution in the country to be ranked in the top 200 by NIRF
- National Board of Accreditation has given accreditation for Six years to Mechanical Engineering under graduate programme and Three years to CSE and Mechatronics Engineering Under graduate programmes. All the programmes have secured more than 700 marks which also first of its kind for an Institution.
- Chennai Institute of Technology is awarded with 4/4 Star rating in innovation by MHRD Innovation Council.

### **ADMISSIONS**

The first and foremost satisfying achievement of Chennai Institute of Technology is getting highly meritorious students in the first year of both undergraduate and postgraduate programs. We are nothing less than proud to proclaim that we continue to be in one of the few top engineering institutions which admit the full quota of students in all the programs.

In this academic year the intake was increased from 1440 to 2370.

Chennai Institute of Technology is attracting the top performers of +2 examinations. In the TNEA 24 89% of our seats got filled within first round of counselling with highest cut off mark of 199.5 and lowest cut off mark of 177. Based on the preference by the Engineering aspirants in TNEA 24, Chennai Institute of Technology has become the 5<sup>th</sup> most preferred

Engineering Institution in Tamil Nadu and also the 2<sup>nd</sup> most preferred Self Financing Engineering Institution. During this year more than 10000 engineering aspiring students along with their parents have visited our campus for considering Chennai Institute of Technology as their preferred Institution for admission.

## **ACADEMIC PERFORMANCE**

Year after year, our students show excellent academic performance in the Anna University Examinations. The highly creditable academic performance of our students in their semester end examinations is the proof in the palm of the excellence of our students and the dedicated services rendered by our staff. This year, our immediate passed out students of batch 2020-2024 have showed more impressive graduate pass percentage, 97.9%.

### **RESULTS – ACADEMIC YEAR 2023 - 2024**

In the May/June 2024 and Nov/Dec 2023 end semester examinations, our undergraduate students registered creditable performance with 89.78% and 98.06% overall pass percentage respectively.

### **QUALITY INITIATIVES TO ENHANCE ACADEMIC EXCELLENCE**

- Various technical events were accomplished for the students.
- Online Certification Courses for all the faculty members is made compulsory and the students are motivated to complete the certification courses from various organizations like NPTEL and Coursera
- IQAC has been revamped and regular academic audit check and other quality measures were initiated.
- Campus wide Wi-Fi facility was enhanced.

- 10MoUs were signed with leading industries / associations for internship and project, with this addition the total number of live MOUs is 74.
- Organized IEEE sponsored International conference.

### **CENTER OF EXCELLENCE**

Centre of Excellence in the following emerging areas were established

1. Bonfiglioli Technology Centre
2. KUKA Skill Training Centre

### **Flagship Events of CIT**

1. Career guidance program is conducted regularly to create awareness about higher Education at 150+ Schools in various districts of Tamil Nadu.
2. FUNJINIA workshop is conducted for the + 2 students to have the better perspective about Engineering Education in the month of April, June and June.
3. In Collaboration with Dinamalar Ungalal Mudiyum, Career guidance Program is organized for +2 students to create awareness about Engineering Education and TNEA process.
4. In collaboration with DInamar, Pattam, vinadi vina programme was conducted for school students
5. Thakshsila 2024 , a techno cultural is conducted in which about 6000+ students from other institutions have actively participated
6. I am glad to submit that we inculcate in our students the spirit of service to the needy sections of society; we have adopted 5 villages Pudhupedu, Amarampedu, Katrampakkam, Nalur and Venkadu under AICTE – Unnat Bharat Abhiyan scheme. Our NSS unit organized Cleanliness awareness camp, Avoidance of plastics, Blood Donation Camp, Dental camp, Medical camps and Tree plantation camps in these villages.

7. TEDx programs were organized in our Institutions.
8. International Women's day was celebrated under the WISE club and Women Achiever ward was given to 6 women who have excelled in different field and also as a part of the celebration, we have conducted GIRLS TALK event to empower the Girls students studying in schools.
9. We have conducted around 36 extension and outreach programmes under the banner of NCC/NSS/YRC in association with NGOs and corporate.

### **INDUSTRY INTERACTION**

The following interaction activities were conducted with industries during 2023-24.

1. Consultancy services were offered to 50 industries and an income to the tune of 75.48lakhs were generated.
2. Sponsored Research funding has been received from 10 industries to the tune of 226.47lakhs.
3. All the second and third students have undertaken internship in around 200+ companies (Internship is mandatory for all the students).
4. 24 technology transfers were done to different industries.
5. Executive training programmes were conducted for about 100+ working professionals.
6. 20% of our faculty members have undertaken training programme from various industries.
7. 8 faculty members were given sabbatical leave for the period of 6 months to work in industries.
8. In order to provide the opportunity for experiential learning, industrial visits were arranged for our students.
9. Experts from industries have given guest lectures and expert talks.
10. In collaboration with Bonfiglioli a Hackathon was conducted.

## RESEARCH THRUST

The real development of institutions of higher learning can happen only when the teaching and research happens simultaneously. Our college is one of the few institutions which encourages the research both at student and staff level.

To promote research, the college encourages and sponsors faculty members to pursue higher education.

About 52% of our faculty members are possessing Ph.D. qualification and 40% of our Faculty Members from various departments are pursuing research leading to PhD.

**54** of our faculty members are recognized guides for research programs and they are guiding **176** Ph.D. scholars.

Chennai Institute of Technology is recognised as Research Institute by Anna University.

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## PUBLICATIONS IN JOURNALS

The motivation and supportive environment provided by the college to its faculty members in pursuing research have started yielding in terms of journal publications.

This year 1120 papers were published in the reputed journals in that 772 papers were published in Q1 and Q2 SCI journals.

H-index of institution is 55.

Citations of our institution from reputed data bases like Scopus and WoS is 18656 and 13021 respectively.

51 patents were published in the year 2023.

Based on the research publication, Chennai Institute of Technology is ranked at 2<sup>nd</sup> position amongst all Engineering Institution in Tamil Nadu.

## GRANTS RECEIVED

I proudly put on record that our college is one of the very few colleges in whole of Tamil Nadu which receives funding from many government agencies on a regular basis for the conduct of Research STTP, FDP. Government agencies, like AICTE, DST, CSIR, UGC etc., are our prestigious sponsors. So far, we have received funding up to **Rs. 325.21laks**.

### **STAFF ACHIEVEMENT**

Some of the achievements made by our faculty members are:

Dr.V. Dhinakaran, Dean R&D and Dr. Arunkumar, Professor in Mechanical Engineering Department are recognized as Top 2% Scientist by Stanford-Elsevier 2023 among worldwide.

A total of 821 Faculty development programmes were attended by our faculty which is conducted by NITTTR , AICTE Sponsored and NPTEL.

Few of our faculty members were invited to deliver talk in various institutions about recent technologies.

### **PLACEMENT & TRAINING CELL**

The placement record of our college is the most impressive. It is a proof of how much we care for the future of our students. The college trains all the students to excel in technical knowledge and life skills. From the batch of 2023, Out of 825 eligible students 694 of our students have been placed in various prestigious organizations and 97 students pursuing Post Graduate programme in reputed Institutions.

Our college is one of the top 5 colleges in Tamil Nadu which consistently shows good placement record. Our management engaged professional trainers to train our final year students apart from our own faculty trainers to make them ready for placement. Placement and training cell conducts aptitude tests every week for all the years to train and guide the students in getting placed. In order to improve the coding skill of our students every week we are conducting coding test for all the students in skillrack platform.

Our aim is primarily to assist our students to become employment generators rather than job seekers. 5% of our students are involved in various Startups, Incubation, Entrepreneur activities and pursuing higher studies in the reputed institutes in India and abroad. In-house foreign language training classes for German, Japan, French, and Mandarin languages were conducted. Guidance were given for the GRE, TANCET, GATE, TOEFL and other Competitive/Public service examinations.

### ALUMNI ASSOCIATION

The college nurtures healthy relationship with its alumni by inducting all the final year students into it. We have formally registered our alumni association under registration Act during 2021-2022. Office bearers were elected and an alumni meet was conducted on 15.08.2022 and 26.01.2023.

Alumni have contributed to the institution by conducting webinars, interacting with students and mock interviews. Alumni members have contributed Rs.8.5 Lakhs funding during 2023-2024 to the institution.

### SCHOLARSHIP

A scholarship worth **Rs 13.48 crore** have been awarded by our management to the students during this academic year about 1748 students were benefited during 2023-2024.

### CONCLUSION

In conclusion, as we reflect on the remarkable strides and accomplishments of the Chennai Institute of Technology over the past academic year, I am filled with an overwhelming sense of pride and gratitude. The collective efforts of our dedicated faculty, the unwavering commitment of our diligent students, and the continuous support from our esteemed stakeholders have truly made this year an outstanding chapter in our institution's history.

At the heart of our endeavors lies our firm belief in the transformative power of education and its ability to shape not only the lives of individuals but also the destiny of our society and the world at large. As we continue to forge ahead, let us embrace the challenges that lie ahead with determination, resilience, and a relentless pursuit of excellence.

Let us keep in mind the words of the great American poet Maya Angelou, who said, "Success is liking yourself, liking what you do, and liking how you do it." May each one of us find success in our endeavors, not only by achieving our goals but also by cherishing the journey and the values we uphold along the way.

I extend my heartfelt gratitude to everyone who has been a part of our journey, and I look forward to the continued success and excellence of the Chennai Institute of Technology. Thank you.

**PRINCIPAL**