CHENNAI INSTITUTE OF TECHNOLOGY

INTERNATIONAL
PROGRAMS

CHENNAI INSTITUTE OF TECHNOLOGY
Transforming Lives

TNEA Code:
1399

CHENNAI
INSTITUTE OF TECHNOLOGY
(Autonomous)

NBA
NATIONAL BOARD OF ACCREDITATION
100% Accreditation
All eligible UG & PG Programs

nirf
151 - 200 Band
Engineering 2023

ACCREDITED WITH GRADE
A+
NAAC

From the Chairman's Desk

Chennai Institute of Technology, a forward-thinking, dynamic and vibrant educational institution, was founded with the mission of sharing valuable knowledge with the next generation. Our dedicated team of experienced professionals from both academia and industry is committed to shape the future and make a positive impact on the lives of young individuals.

We aspire to empower the young minds, guiding them to become successful entrepreneurs, accomplished researchers, and skilled techno professionals. Our commitment extends to prepare the students for success in all aspects of their lives. Together, we aim to transform the nation into a more powerful and advanced society through education and skill development.

Shri. Sriram Parthasarathy
Chairman

Why CIT CHENNAI?

- Excellent Academic Achievements
- 2nd most prefered Institution (TNEA 2022 & 2023)
- Toppers' Top Choice
- Flexible Industry Supported Curriculum
- Industry Powered Laboratories
- State-of-the-Art Centres of Excellence
- Learning by Doing beyond the Classroom
- Excellence in Research
- Pioneers in Innovation
- International Researchers Onboard
- Technology Business Incubator
- Active Industry Collaboration
- Preparation for Higher Education

- Global Exposure
- 9.3 miles / 15 Km from International Airport
- Located amidst Industries
- WiFi Campus
- Round the clock access to Laboratories
- 24-hour Health Centre
- Safe and Secure Accomodation within Campus
- Air Conditioned International Hostel
- Multi Cuisine Food Court
- Vibrant Campus Life
- Student driven Technical, Social & Cultural Clubs
- GYM, Indoor and Outdoor Sports
- Active Global Alumni Network

BACHELOR PROGRAMS OFFERED (4 YEARS)

14 BACHELOR PROGRAMS AND 5 MASTER PROGRAMS

COMPUTER SCIENCE & ENGINEERING

Offers Bachelor of Engineering in CSE with emphasis in Cloud & Cluster Computing, Quantum Computing, Data Centric Technologies, Cognitive Computing, Parallel and Distributed Computing, Design and Analysis of Alogorithm, Social & Information Networks and High Performance Computing.

INFORMATION TECHNOLOGY

Offers Bachelor of Technology in Information Technology with emphasis in Full Stack Development for IT, DevOps, Cloud & Cluster Computing, Data Centric Technologies, Virtual & Mixed Reality, Advanced Database Management Systems, IT Services Management, Intelligent Software Testing and Cyber Physical Systems.

COMPUTER SCIENCE & BUSINESS SYSTEMS

Offers Bachelor of Engineering in Computer Science and Business Systems with emphasis in Fintech, Deep Learning, Enterprise Systems, Cognitive Science & Analytics, Data Mining, Computational Statistics, Data Visualisation, Computational Finance & Modelling, Business Management and Data Privacy.

AI & DATA SCIENCE

Offers Bachelor of Technology in Artificial Intelligence & Data Science with emphasis in Deep Learning, Generative AI, Cloud Computing, Smart Product Development, Human Machine Interaction, Intelligent Systems, Data Centric Technologies and High Performance Computing.

COMPUTER SCIENCE & ENGINEERING (AI & MACHINE LEARNING)

Offers Bachelor of Engineering in CSE with Specialisation in Artificial Intelligence & Machine Learning emphasising in Deep Learning, Generative AI, Modelling & Simulation, Speech and Language Processing, Cybersecurity, High Performance Computing and Data Privacy.

COMPUTER SCIENCE & ENGINEERING (CYBERSECURITY)

Offers Bachelor of Engineering in CSE with Specialisation in Cybersecurity emphasising in Cryptography & Data Privacy, Blockchain, Ethical Hacking, Wireless and Mobile Security, Security in Social Networks, Cyber Forensics and Cybersecurity for Critical Infrastructure.

MECHANICAL ENGINEERING

Offers Bachelor of Engineering in Mechanical Engineering with emphasis in Modern Mobility Systems, Product & Process Development, Digital and Sustainable Manufacturing, Process Equipment and Piping Design, Additive Manufacturing & 3D Printing, PLM, Machine Tool Engineering, Electric Vehicle Technology and Advanced Welding Techniques.

ELECTRONICS & COMMUNICATION ENGG.

Offers Bachelor of Engineering in ECE with emphasis in Wireless Communications and Signal Processing, Micro/Nanoelectronics, Lasers and Optics, Electronic Devices, Telecommunications, Nanotechnology, Robotics, Information Systems, Power Systems, Computer Software- Hardware Integration, Control Systems, and other Advanced Technologies

ELECTRONICS & COMMUNICATION (ADVANCED COMMUNICATION TECHNOLOGY)

Offers Bachelor of Engineering in ECE with specialisation in Advanced Communication Tech. emphasising in 5G, 6G and beyond, Signal & Image Processing, Optical & RF Technologies, High Speed Communications, Antenna Design & Optimization and Space Communication Technologies.

ELECTRONICS ENGINEERING (VLSI DESIGN & TECHNOLOGY)

Offers Bachelor of Engineering in ECE with specialisation in VLSI Technology emphasising in Semiconductor Chip Design, Manufacturing & Testing, Signal & Image Processing, MEMS & NEMS, VLSI Verification Methodologies, System Design with FPGA, Memory Design and Testing as ASIC Design.

ELECTRICAL & ELECTRONICS ENGINEERING

Offers Bachelor of Engineering in EEE with emphasis in Sustainable & Renewable Energy, Power System Engineering, Power Electronic Converters and Drives, Robotics & Automation, Distributed Generation and Microgrids, Smart Grid, High Voltage Engineering, Embedded Systems and Electric Vehicle Technology.

BIOMEDICAL ENGINEERING

Offers Bachelor of Engineering in Biomedical Engineering with emphasis in Medical Electronics, Biomedical Instrumentation, Medical Signal & Image Processing, Biomechanics, MedTech, Wearables, Rehabilitation Engineering, Tissue Engineering, Patent Recognition & AI Techniques, Embedded Systems and Physiological Modeling.

CIVIL ENGINEERING

Offers Bachelor of Engineering in Civil Engineering with emphasis in Structures & Structural Dynamics, Smart Cities, Building Information Modelling, Geo Informatics & Geo-Technics, Remote Sensing, Sustainable Engineering, Transportation Infrastructure, Water and Ocean Engineering.

MECHATRONICS ENGINEERING

Offers Bachelor of Engineering in Mechatronics Engineering with emphasis in Robotics Design and Process Automation, Autonomous Vehicle, Applied Robotics, Design and Manufacturing, Smart Mobility Systems, Intelligence Systems, Avionics and Drone Technology, Digital Manufacturing Systems, Machine Vision and Automotive Electronics.

MASTER PROGRAMS (2 YEAR)

Applied Electronics
CAD / CAM
Computer Science and Engineering
Electronics & Communication (VLSI Design)
Electronics & Communication
(Advanced Communication Technology)

DOCTORAL PROGRAMS

Computer Science and Engineering
Civil Engineering
Electronics & Communication Engineering
Mechanical Engineering
Physics

ELIGIBILITY

FOREIGN NATIONALS (FN)

Students from foreign countries with foreign passports are eligible to apply under this category. Students must have completed their Class XII or equivalent (completed 12 years of school education) from a recognised Board/University with Physics, Chemistry and Maths as their main subjects. In case of boards other than CBSE, the students have to submit an equivalence certificate certifying the equivalence to the CBSE board

S.No	Documents Required
1	Attested copy of the valid passport of the candidate
2	Attested copy of the valid Visa
3	Equivalence certificate issued by Association of Indian Universities
4	Proof of having studied the required qualifying subjects in English medium

OVERSEAS CITIZEN OF INDIA (OCI)

Students from Overseas Citizen of India with foreign passports are eligible to apply under this category. Students must have completed their Class XII or equivalent (completed 12 years of school education) from a recognised Board/University with Physics, Chemistry and Maths as their main subjects. In case of boards other than CBSE, the students have to submit an equivalence certificate certifying the equivalence to the CBSE board.

S.No	Documents Required
1	Attested copy of the valid passport of the candidate
2	Attested copy of the valid Visa and PIO / OCI card of the candidate
3	Equivalence certificate issued by Association of Indian Universities (If applicable)
4	Proof of having studied the required qualifying subjects in English medium

NON-RESIDENT INDIANS (NRI) & CHILDREN OF INDIAN WORKERS IN GULF COUNTRIES

Under this category, admission is offered to children of Non Resident Indians and Children of Indian Workers in Gulf Countries. Candidates must have passed the qualifying examination i.e (10+2) of Indian System or its equivalent (completed 12 years of school education)

No	Documents Required
1	NRI status certificate of the father or mother (financial supporter) issued by the Indian Embassy of the respective country in ORIGINAL
2	Sponsorship letter from the financial supporter stating that he / she will financially support the education of the candidate
3	Employment certificate of the financial supporter issued by the foreign employer
4	Attested copy of NRE (Non-Resident External) Bank Account statement for last 3 months transaction of the financial supporter
5	Attested copy of the valid Indian Passport of the NRI financial supporter

Strong
Industry Collaborations

We cultivate strategic partnerships with prominent Multi National Corporations (MNC), government entities, core industries, Global Capability Centres (GCC), consulting firms, and cutting-edge IT product companies to curate and deliver our academic programs. This strategic collaboration ensures that our curriculum remains at the forefront of industry demands, offering practical and pertinent courses that equip our graduates for immediate deployment within their chosen fields. Furthermore, we place a strong emphasis on the development of communication acumen, teamwork, and leadership attributes, fostered through close engagement and support from our industry partners.

FEW OF OUR PRESTIGIOUS RECRUITERS

amazon	Qualcomm	AUTODESK	JUSPAY	zscaler	CISCO	Pega
Deloitte.	ZOHO	verizon	WORLDLINE	paloalto NETWORKS	Bank of America	Kaar
multicoreware	BUDDI.AI	PRESIDIO	Legato	HSBC	mr. cooper	Capgemini
Cognizant	accenture	IBM	HCL	virtusa	tcs TATA CONSULTANCY SERVICES	Infosys
Hewlett Packard Enterprise	Persistent	Human ヒューマンリソシア	vodafone	Hindustan Unilever Limited	L&T Technology Services	embed UR
SAINT-GOBAIN	Zifo	Valeo	STERLITE'	EMERSON.	Mahindra Rise.	RENAULT NISSAN TECHNOLOGY & BUSINESS CENTRE INDIA
thoughtworks	BOSCH	JSW	Fronius	WABCO	JOHN DEERE	Rane

I forever cherish my journey and memories at CIT as it is one of the most important chapters of my life.

★★★★★

G.Sreelakshmi
(Alumna)
JP Morgan, UK

In CIT we are provided with state-of-the-art infrastructure facilities & Centres of Excellence to become deployable engineers.

★★★★★

Rokesh G
(Alumnus)
ASML, Netherlands

CIT has given me good opportunities to enhance my skills though which I got lot of global exposure towards niche technologies.

★★★★★

Sangeeth Subramoniam
(Alumnus)
Human Resocia, Japan

CIT has played a crucial role in shaping my wonderful career for which I will always be grateful.

★★★★★

Sri Kumar P
(Alumnus)
Gogle, India

CAREER PATHWAYS

As each individual is unique and approaches life in a different manner, we allow each of them to choose his/her career pathways based on passion to prepare for life.

Corporate Jobs

Students are mentored and trained from first year according to their goal and interest specifically for IT Product Companies, GCCs, Consulting Firms, Core Engineering Industries and ITES Companies

Government & Public Sector

Students are prepared for Civil Services, Engineering Services, Public Sector Undertakings, Defence Services and other Government Sector jobs

Higher Education

Students are given in-house training for various National and International Entrance Exams like GATE, GRE, TOEFL, IELTS etc, and Foreign Languages such as Japanese, German, French, Mandarin etc.

Research

Students are guided to do Research Projects, Journal Publications, Industry Consultancy Projects and Patents by a team of 75 Fulltime Research Scientists from across the Globe

Entrepreneurship

CIT Innovation Lab develops cognitive skills, nurtures ideas and CIT Business Incubation Forum hand holds the student startups to set up new ventures, improves upon and modernise existing businesses, connects angel investors and engages in social entrepreneurship & NGOs

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★★★★★

It is an honour to be a part of this amazing college, that trained me with ample professional skills which served as a gateway towards success.

Stennet B. Sam
(Alumnus)
Aston University, UK

★★★★★

Indeed a place that provides a platform to transform the life of every individuals.

Lakshmi Manasa P
(Alumna)
California University, USA

★★★★★

My dream has now become a reality only because of the amazing facilities and research opportunities provided to me.

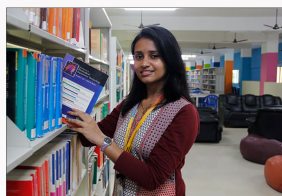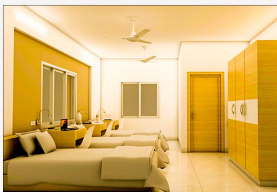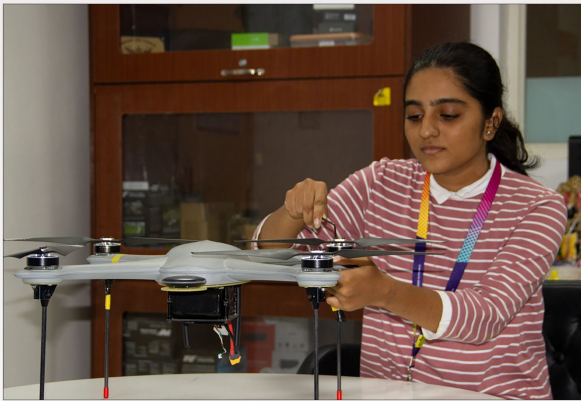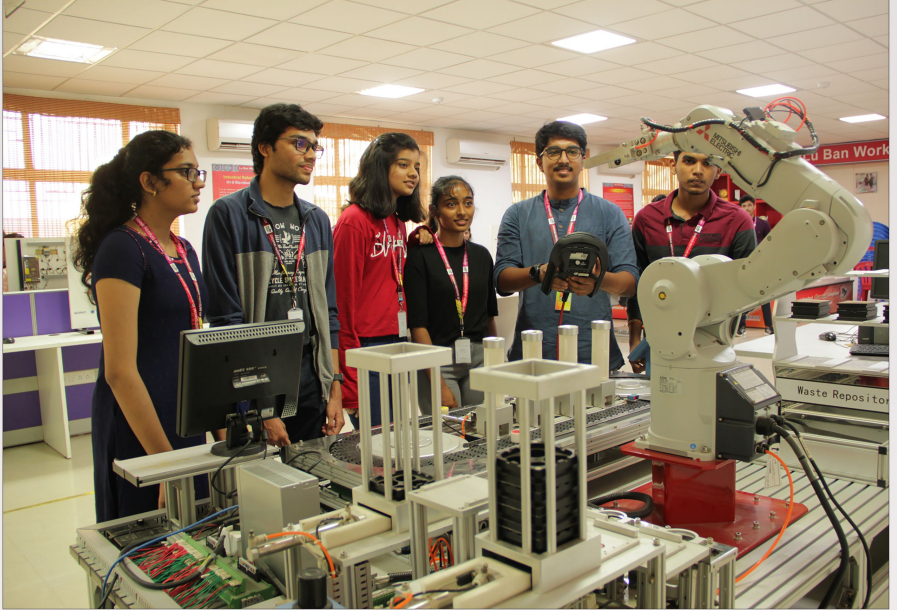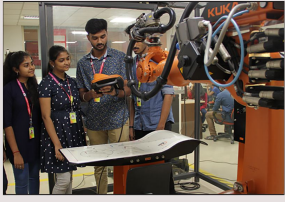**Alex B**
(Alumnus)
Northeastern Univ, USA

★★★★★

CIT always made sure that my engineering core knowledge is strong and has a good base.

Anshumaan Krishnan
(Alumnus)
University of Cambridge, UK

INFRASTRUCTURE

"Joining CIT was the best decision of my life. My college is offering an explosion of technical, artistic, intellectual exposure and provides students with a variety of social activities, making learning more enjoyable. Our international hostel provides quality, hygienic & safe accommodation according to the individual needs. Gym, indoor and outdoor sports facilities makes our stay in the campus enjoyable. In summary, CIT ensures the well being of the students both mentally and physically."

SAI SHRIDULA SATYAPRAKSH ★★★★★
AI & DS (Batch 2023-2027)   NRI Student from Dubai

My college paved the way for my dream job, and I'm incredibly thankful for the chance to study at this prestigious institution.

Mathesh A
Placed in
AUTODESK

CIT Chennai's innovation ecosystem ignited my entrepreneurial spirit! Happy I chose the best college for my career. Grateful for the inspiration and the journey ahead.

Dhanush A
Founder
GENZ Technovation

Grateful to my college for the top-notch training that led me to my dream company. Gratitude fills me as I reflect on the opportunity to study at such a prestigious institution.

Sriharan S
Placed in
zscaler

Thanks to my faculty for their exceptional mentoring, guiding me to victory in global competitions. Grateful for their guidance and support throughout the journey

Arun Pranav A T
SMART INDIA HACKATHON 2023 Winner

FOSTERING LEARNING & INNOVATION

CENTRES OF EXCELLENCE

At CIT, engineering education is propelled through the 30+ Centres of Excellence established in collaboration with leading Industries across all engineering domains. A complete eco-system has been developed and implemented to upskill the young minds and to make them Industry ready.

- Virtusa Centre of Excellence for AI Managed Services
- Virtusa Centre of Excellence for Fullstack Development
- Capgemini Centre of Excellence for 5G Technology
- Capgemini Centre of Excellence for PLM
- Worldline Paytech Pioneer Program
- Bonfiglioli Centre of Excellence for Gear Technology
- HCL Centre of Excellence for Embedded & Imaging Technologies
- Hexaware Centre of Excellence for Digital Business Solutions
- Buddi.AI Centre for Data Analytics
- Fronius Technology & Skill Development Centre
- Harita Composite Research Centre for Mechanical Engineering
- RANE NSK Centre for Applied Research
- KUKA Industrial Robotic Training Centre
- Tekla Building Education Centre of Excellence
- Indo Japan Technology Centre for IoT (WABCO)
- Centre for Robotics and Automation
- Centre for NC Machines
- Centre for New Energy (Wind & Solar)
- Festa Centre for Solar Energy
- Tessolve Centre of Excellence for VLSI Design
- eDigiM Centre for System Design
- Cisco Networking Academy
- Pega University Academy Program
- Airosspace Technology Centre for Defence and Space Research (Drones)

Knowledge Partners

virtusa | Capgemini | HCL
CISCO | Pega | DASSAULT SYSTEMES
Rane NSK | KUKA | Ace Micromatic
SIEMENS | Fronius | Bonfiglioli
TESSOLVE A Hero Electronix Venture | WABCO | Kyutech JAPAN
AUTODESK | Ansys | MathWorks
AIROS SPACE | BIOPAC Systems, Inc. | Tekla Structures

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