CAMBRIDGE
INSTITUTE OF TECHNOLOGY
AUTONOMOUS*

ACCREDITED WITH GRADE
A+
NAAC

Learning Leap to a World of Innovation and Sustainable Technology

BACHELOR OF ENGINEERING (B.E.)

www.cambridge.edu.in

INFORMATION BOOKLET

*Applied for Autonomous status

CAMBRIDGE
GROUP OF INSTITUTIONS

" I welcome aspiring youths to join our institution to realize their
ambition, objectives and achieve higher goals through higher education."

Cambridge Institute of Technology (CIT) is growing everyday by leaps and bounds. Our institution enjoys a respectable position as a seat of higher learning and research amongst the reputed colleges in Bengaluru.

The high quality infrastructure, well qualified faculty members, well equipped laboratories and research centres, modern library facilities, top-notch facilities for sports & games and co-curricular activities, coupled with student centric teaching-learning process facilitate the students to choose and achieve what they want. It is indeed a matter of great satisfaction and pride for me to note that significant improvements have been made in the sphere of imparting most modern higher education in our college.

We are committed towards providing excellent higher education, to mould the students as global professionals who will be highly competent in their chosen fields, ethical in behaviour, with an inquisitive mind, an appreciation for good values in life, and with a commitment to serve the common good. CIT endeavours to make a yeoman service to the society.

Quality comes not by chance, it is the consequence of strong intentions, intelligent decisions, sincere effort and skillful executions. Being one of the youngest institutions in Bengaluru to have received NAAC and NBA accreditation, we strive for the excellence in every step.

Shri. D.K. Mohan
Chairman, Cambridge Group of Institutions

CAMBRIDGE INSTITUTE OF TECHNOLOGY

ACCREDITED WITH GRADE
A+
NAAC

7000+
Alumni Across
the Globe

Ranked **#7**
Emerging Private
Engineering
Colleges
(All India) - 2021

2000+
Experienced
Faculty

OUR MILESTONES

THEWEEK — Ranked 7th Emerging Private Engineering Colleges (All India) - 2021

THEWEEK — Ranked 10th Private Colleges Bengaluru - 2021

QS I-GAUGE DIAMOND — Rated Diamond in " Teaching & Learning " by QSI Guage

EDUCATIONAL EXCELLENCE AWARDS & CONFERENCE www.eduawards.in — Awarded as 'Outstanding performance in Virtual Knowledge Delivery During Pandemic'

INSTITUTION'S INNOVATION COUNCIL — Received the highest rating 4/4 for the academic year 2020-2021 in IIC 3.0

ASSOCHAM INDIA — Awarded as 'Best Emerging Engineering College in India - South 2018

DATAQUEST — Ranked 68th across the country by Dataquest T-School Survey - 2017

siliconindia — Cambridge Group of Institutions ranked 3rd in Top Group in India 2021 by Silicon India Education.

siliconindia — Ranked 25th across the country by Silicon India T-School Survey - 2017

INSTITUTION'S INNOVATION COUNCIL — Received the highest rating 5/5 for the academic year 2019-2020 in IIC 2.0

Research Facilities
State of the Art Research and Development Facility for Innovators

Incubation Centre
Incubator to promote entrepreneurship and start-up

International Collaborations
International programs for student exchange

SWE - Society of Women Engineers
Affiliate to Society for Women Engineers (A Global Society with Practicing Engineers)

Welcome to
Cambridge Institute of Technology

Cambridge Institute of Technology is in the forefront among providers of innovative and transformative education in Karnataka.

Our main campus is strategically located in the IT hub of Bengaluru. The North Campus is located off International Airport road & is well-connected. We are an Institution wherein the pursuit of academic excellence is a way of life. CIT strives to provide a holistic educational experience to students to develop them into globally competent engineering and management professionals who are grounded in moral and ethical values.

BACHELOR OF ENGINEERING (B.E.)

- Computer Science and Engineering
- Artificial Intelligence and Machine Learning Engineering
- Information Science and Engineering
- Electronics and Communication Engineering
- Electrical and Electronics Engineering
- Mechanical Engineering
- Civil Engineering
- Computer Science and Engineering (Internet of Things and Cyber Security including Blockchain Technology) *

ADMISSION ELIGIBILITY

The candidates seeking admission to any of our UG Programmes need to complete their 10+2 with a minimum of 50% marks in the relevant subject, from a recognised board.

OUR AFFFILIATIONS

Approved by AICTE, New Delhi

Affiliated to VTU, Belagavi

Accredited by NAAC A+

Accredited by NBA

UGC : 2f Certified Institute

An ISO 9001:2015 Certified Institute

MECHANICAL ENGINEERING

60
Seats Intake

State of the Art
Research Facility

Industry Projects
and Visits

Specialization
Courses

PROFESSIONAL SCOPE

Production
Engineer

Design
Engineer

Quality Control
Engineer

Analysis &
Testing
Engineer

Maintenance
Engineer

Research &
Development
Engineer

SKILLS YOU DEVELOP

» Applied engineering physics

» Applied engineering mathematics

» Materials science principles to design,
analyse, manufacture & maintain
mechanical systems

» Mechatronics

» Robotics

» IIOT

» Additive Manufacturing and many more

AT THE DEPARTMENT

» Industrial visit for the students

» Industrial projects funded by external funding agencies

» GATE coaching classes

» Cambridge Tinkering Lab (Makerspace)

» Association with more than top 50 companies hiring
Mechanical Engineers

» Hundreds of seminars, workshops and skill building
opportunities

» Internship opportunities with stipend at core companies
leading to placements

SPECIALIZATION COURSES :

Smart
Manufacturing

Design
Engineer

Robotics /
Machine Learning

"I can positively say that choosing Mechanical Engineering has given a great head start
to my career. Apart from the department providing many opportunities for students to
showcase their abilities, the professors are approachable. Every student is assigned a
counsellor from the start of the course until the end."

- Bibhum Shrestha, 7th Semester

SUCCESSFUL ALUMNI

Yusuf Ali Khan - ME 2022 Batch
Working at Byjus | 10 LPA

Varun S - ME 2022 Batch
Working at Valdel Engineering | 5.8 LPA

COMPUTER SCIENCE & ENGINEERING

180
Seats Intake

Improvised lab sessions

Realtime Industry Projects

Specialization Courses

PROFESSIONAL SCOPE

| Application Analyst | Data Analyst | Game Developer | Information Systems Manager | IT Consultant | Fullstack Developer | Web Developer |

SKILLS YOU DEVELOP

» Problem solving, analytical skills and project management

» Implementation and troubleshooting of computer networks

» DBA design, implementation and maintenance of organization's database

» Research about existing problems and planned solutions

» Coding skills through Google Developers club

» Training on advanced technologies through Samsung Innovation Campus

AT THE DEPARTMENT

» Skilled researchers in various domains as faculties

» Consistent skill upgradation of cutting edge technologies through Massive Open Online Courses and Microsoft Faculty Enrichment Program

» MoU's with several International companies with more than 11+ projects carried out by students

» Upgradation of students knowledge through various FORUM activities and Infosys Campus Connect program

» Placement activities, Softskill Training Program and Coaching classes for GATE/GRE etc.

» Internship opportunities with stipend in core companies

SPECIALIZATION COURSES :

Full Stack Development

Data Science Data Visualization

Computer Vision

"I am grateful for the guidance and encouragement provided by our teaching staff and HOD. Programmes and events organized in our college enhance our technical skills and also help us to showcase our talents. The constant motivation has helped me to shape my career better."

- Alisha Joy A, 3rd Semester

SUCCESSFUL ALUMNI

Ayush Shaw - CSE 2022 Batch
Working at Konstellation Korea Ltd. | 30,000 USD

Avinash Pandey - CSE 2022 Batch
Working at JUSPAY | 27 LPA

INFORMATION SCIENCE & ENGINEERING

180
Seats Intake

Improvised lab sessions

Realtime Industry Projects

Specialization Courses

PROFESSIONAL SCOPE

Application Analyst	Data Analyst	Game Developer	Information Systems Manager	IT Consultant	Fullstack Developer	Web Developer

SKILLS YOU DEVELOP

» Problem solving, analytical skills and project management

» Implementation and troubleshooting of computer networks

» DBA design, implementation and maintenance of organization's database

» Research about existing problems and planned solutions

» Coding skills through Google Developers club

» Training on advanced technologies through Samsung Innovation Campus

AT THE DEPARTMENT

» Skilled researchers in various domains as faculties

» MoU's with several International companies with more than 11+ projects carried out by students

» Upgradation of students knowledge through various FORUM activities and Infosys Campus Connect program

» Talent Exhibition for Innovative student projects

» Placement Activities, Softskill Training Program and Coaching classes for GATE/GRE etc.

» Internship opportunities with stipend in core companies

SPECIALIZATION COURSES :

Full Stack Development

Data Science Data Visualization

Computer Vision

"The department is imparting us with skills and knowledge that will guide us in the real world. It has provided me with an opportunity to participate in a free training session at the Samsung Innovation Campus in my college, where Samsung professors teach us future-proof skills and technologies based on their practical experience."
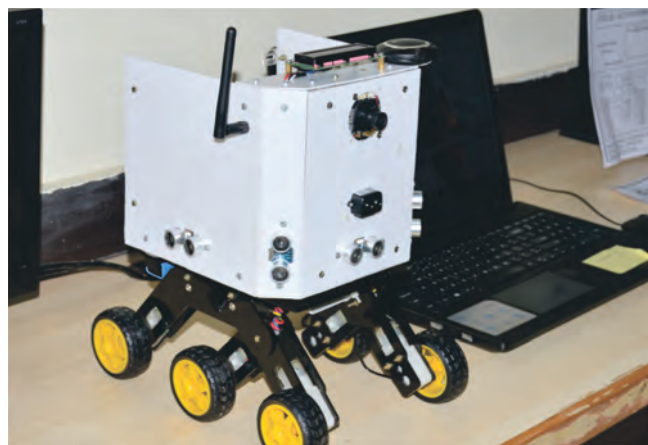
- Arundathi B, 3rd Semester

SUCCESSFUL ALUMNI

Tasneem - ISE 2022 Batch
Working at Property Pistol | 15 LPA Intl

Arun - ISE 2022 Batch
Working at Byjus | 10 LPA

ELECTRONICS & COMMUNICATION ENGINEERING

180
Seats Intake

Global Alumni
Mentorship and Connect

Realtime
Industry Projects

Interdisciplinary courses
for Industrial Relevance

PROFESSIONAL SCOPE

Service Engineer

Software Analyst

Field Test Engineer

Network Planning Engineer

Network Support Engineer

Research & Development Engineer

SKILLS YOU DEVELOP

» Intricacies of electronic devices, circuits, communication equipment like transmitters, receivers, integrated circuits (IC)

» Basic electronics, analog and digital reception of data

» Microprocessors, satellite communication, microwave engineering

» IOT, Embedded Systems Design, VLSI Design

» Coding and programming skills through open elective

» Training on advanced technologies through Samsung Innovation Campus

AT THE DEPARTMENT

» Intel FPGA Lab as part of Intel University program

» Professional Society activities through IEEE Student chapter and ISTE

» Best Entrepreneur SME Award, Best Paper Award, and Service Awards

» Best Project at Inter-Institute Level, Best Library Usage

» Achievers in institute & Inter-Institute sports and cultural events

» Organizers of ISR activities, workshops, cultural events and conferences

» MOU with 20+ national and international companies

» Internship opportunities at companies leading to placements and Real time projects at Advanced Research labs

SPECIALIZATION COURSES :

VLSI Design

Telecommunications

Embedded Design

"I am happy to be a Cambrian. The ECE department is a house of opportunity allowing students to participate in educational events. The students benefit from comprehensive growth thanks to erudite teachers. Every teacher's teaching strategy is distinct and class-adaptive."

- Vedasree, 3rd Semester

SUCCESSFUL ALUMNI

Deepanjali Mishra - ECE 2022 Batch
Working at Microsoft | 17 LPA

Poornima Nekar - ECE 2022 Batch
Working at Open Five | 11 LPA

ELECTRICAL & ELECTRONICS ENGINEERING

60 Seats Intake

State of the Art Research Facility

Realtime Industry Projects

SpecializationCourses

PROFESSIONAL SCOPE

Development and Test Engineers

Electrical Design Engineers

Consultants

Project Heads

Instrumentation Engineer

Micro Electrical Engineer

Govt & Public Sector opportunities

SKILLS YOU DEVELOP

» Electrical Machines, Power Electronics

» Electrical Power Systems

» Electrical Machine Design, Drawing and Wiring

» Integrated Circuits, Microcontrollers Signal processing and High Voltage Engineering

» Knowledge of Electric and Electronic circuits

» Instrumentation and Measurements

» Circuit design and analysis

» PLC, SCADA and Automation

AT THE DEPARTMENT

» Student Entrepreneurs for fostering innovation

» Faculty and students are members of professional bodies like ISTE, IEEE and IAENG

» Student / Faculty workshops, skill development programmes, projects

» Forum activities including cultural and sports events

» Internships, industry training and industrial visits

» Training on VLSI and FPGA at INTEL FPGA lab

SPECIALIZATION COURSES :

Electric Vehicle

Energy Storage Technologies

Power Electronics & Drives

> "Our department gives us theoretical, practical and industrial knowledge that helps us to understand the subject. Teachers' continual encouragement has enabled me to thrive in both academics and extracurricular activities. It feels amazing to be an EEE student."
>
> *- Shrishti S, 3rd Semester*

SUCCESSFUL ALUMNI

Prakash - EEE 2022 Batch
Working at Property Pistol | 8.16 LPA

Bhumika D N - EEE 2022 Batch
Working at Amazon | 4.5 LPA

CIVIL ENGINEERING

- **60 Seats Intake**
- **State of the Art Research Facility**
- **Industry Projects and Visits**
- **Specialization Courses**

PROFESSIONAL SCOPE

- Construction Engineers
- Geotechnical Engineers
- Structural Engineers
- Site Engineers
- Project Engineers

SKILLS YOU DEVELOP

» Construction of structures

» Science of concrete and building materials

» Planning, design, and supervision of the construction of facilities essential to modern life

» Training in design & drafting

» Building Information Modelling (BIM)

AT THE DEPARTMENT

» Industrial visit for the students

» Industrial projects funded by external funding agencies

» Highly qualified and research oriented faculties

» GATE Coaching Classes

» Seminars, workshops and skill building opportunities

» Add on certificate courses

» Incubation opportunities

» Consultancy projects with industries and participation of faculty and students

SPECIALIZATION COURSES :

- High Rise Building Design
- Bridge Design
- Road Design

> "As Civil Engineering students, our primary focus is on entrepreneurship and placements, both of which are taken care by CIT. The emphasis at CIT is on comprehensive personality development of the students so that we can accomplish anything."
>
> **- Mohan H M, 3rd Semester**

SUCCESSFUL ALUMNI

Koushik Gowda - Civil 2022 Batch
Working at Skolar | 9 LPA

Ashwini Bhat - Civil 2022 Batch
Working at Puravankara Groups | 4.5 LPA

ARTIFICIAL INTELLIGENCE & MACHINE LEARNING

60 Seats Intake

Industry cultured projects

Research & Incubation

Global Scientists as full time mentors & faculties

PROFESSIONAL SCOPE

Machine Learning Engineer

Data Scientist

Business Intelligence Developer

Research Scientist

Big Data Engineer/ Architect

Data Analyst

Data Quality Engineer

SKILLS YOU DEVELOP

» Machine Learning
» Neural Networks
» Computer Vision
» Evolutionary Computing
» Natural Language Processing
» Robotics
» Expert Systems and more
» Problem solving and analytical skills
» Training on advanced technologies through Samsung Innovation Campus

AT THE DEPARTMENT

» Renowned AI scientists and researchers as professors with expertise and profound knowledge
» Industrial projects funded by external funding agencies
» Hundreds of seminars, workshops and skill building opportunities
» Incubation and research opportunities
» Internship opportunities at companies leading to placements
» Real time projects
» Placement support & self skills training

SPECIALIZATION COURSES :

Full Stack Development

Blockchain

IOT

"My teachers are always friendly. There are several activities such as NSS, SCR and innovative labs like SAMSUNG ABAI and a platform like SEEDBRAIN to present our ideas. I will always be grateful to them for providing an exalted platform of practical learning and preparing me for the workforce."

- Bheemambika B, 3rd Semester

LEARNING ENVIRONMENT @ CAMBRIDGE INSTITUTE OF TECHNOLOGY

- Project for students from first year onwards
- Dedicated hour for encouraging creativity and life skills for students
- Wifi enabled Campus
- R&D Lab with the state-of-art facility
- 20+ Technology & Sports Clubs
- Seperate Hostel for Boys & Girls
- Every classrooms and labs are equipped with LCD Projectors
- Our extensive links and MoUs with Industries provides research and work experience
- Transport Facility from all major parts of Bengaluru, Kolar, Malur
- Fully Automated Library with outstanding learning resources
- Paid Internships for all the students from 6th semester
- Incubation Centre

VALUE ADDED PROGRAMS

SAMSUNG
Artificial Intelligence

SAMSUNG
Internet Of Things - IOT

SAMSUNG
Computer Programing

intel
Intel FPGA Academic Program

CAMBRIAN
BlockChain Technology

CAMBRIAN
Embedded System Design

CAMBRIAN
VLSI Design using Open Source EDA

CAMBRIAN
Drone Programming

CAMBRIAN
Fundamentals of Materials Engineering

wipro
Smart Manufacturing and Industrial IOT

eos
Additive Manufacturing Designer with Industry 4.0

eos
Additive Manufacturing Engineering with Industry 4.0

TOUCHSTONE EVENTS OF CIT

TEDxCITBengaluru | INTUIT | SEEDBRAINS | CSI Community Social Impact | IEEE | chiguru

We are now Zero-Waste | SWE | United Nations Global Compact

PLACEMENTS DETAILS

100% PLACEMENT ASSISTANCE

BATCH **2018-2022**

INTERNATIONAL PACKAGE	DOMESTIC OFFER	AVERAGE PACKAGE
30000 USD	27 LPA	7.4 LPA

BATCH **2017-2021**

INTERNATIONAL PACKAGE	DOMESTIC OFFER	AVERAGE PACKAGE
36000 USD	18 LPA	6.5 LPA

BATCH **2015-2019**

DOMESTIC OFFER	AVERAGE PACKAGE
14 LPA	5.9 LPA

PLACEMENT 100% ASSISTANCE

MOVING YOUR CAREER FORWARD - OUR MAJOR RECRUITERS

Life @ Cambridge

LIBRARY
Gaining lots of reference and information at one place

OPEN AIR VENUE
A place that brings the people together for celebration

DIGITAL CLASSROOMS AND LABS
Furnished with modern labs and digital gadgets.

SPORTS
Playtime facilities for both indoor and outdoor activities

AUDITORIUM AND SEMINAR HALLS
Huge halls that accommodates adequate number of audience for conducting co-curricular activities

FITNESS CLUB
Workout station with various gym equipment that keeps the students fit and healthy.

HOSTEL
Feel as if you're home

ZERO WASTE CAMPUS
Improves greenery and fresh air to keep the campus cool and clean

TRANSPORT
Advanced routes to cover all the areas of Bangalore city

STUDENT'S CLUB
Several clubs like Science clubs, Sports club, Robotics club, Eco club, Quiz club, Dance and Drama club

BRAND STORE
CIT branded merchandise, apparels, university hoodies, gift articles and a wide range of stationeries

NSS & VOLUNTEERING
Active participation of the students in NSS & Voluntary works like Organising, medical camps, blood donation camps and rural area camps.

CANTEEN
North Indian, South Indian, Chinese dishes, Ice cream, Juices and Beverages are available

COFFEE SHOP
Special coffee shop inside the campus

GUEST ROOM
ATITHI provides rooms for parents and visitors

TO KNOW MORE

For Admissions, Contact

Main Campus
Krishnarajapuram,
Bengaluru 560036
CET Code : E149 | Comed-K Code : E033

Phone
+91 97319 98888 | +91 98808 01188

North Campus
Off International Airport Road,
Kundana, Bengaluru 562110
CET Code : E222 | Comed-K Code : E161

Phone
+91 70224 15035 | +91 95384 41143

Email
admissions@cambridge.edu.in

Visit
www.cambridge.edu.in

Connect with us

 @citech.official   @cit.bengaluru   @CITBengaluru

This brochure has been drafted in advance of the academic year to which it applies.
Every effort has been made to ensure that the information contained in this brochure
is accurate at the time of publishing, but changes (for example to course content) are
likely to occur given the interval between publication and commencement of the
course. It is therefore very important to check our website for any latest updates -
engg.cambridge.edu.in/brochures