C I T
Partnering in Academic Excellence

An ISO 9001 - 2008 Certified Institution

Affiliated to VTU

Recognised by AICTE

CITRIS

C.I.T Group of Institutions

- C.I.T Engineering College
- CITRIS - Research Foundation
- C.I.T Diploma College
- Nursing Institute

C.I.T. Engineering College

Channabasaveshwara Institute of Technology

(Affiliated to Visvesswaraya Technological University, Belgaum, Karnataka & Recognised by AICTE, New Delhi)

Nurturing Excellence

cittumkur.org

C.I.T ENGINEERING COLLEGE

(CHANNABASAVESHWARA INSTITUTE OF TECHNOLOGY)

Tumkur, Near Bangalore, Karnataka, India

Nurturing Excellence

Partnering in Academic Excellence

THE GEORGE WASHINGTON UNIVERSITY
WASHINGTON DC

UAB
University of Alabama, Birmingham

Campus:
Gubbi, Tumkur

Corporate Office:
Bangalore & Tumkur

Global Knowledge Partnership

Affiliated to VTU

An ISO 9001:2008 Certified

Recognised by AICTE

Lifes most memorable moments are spent here....

CAMPUS

CAMPUS

The C.I.T. Campus is housed in a sprawling area of 60 acres adjoining the National Highway 206 (B.H. Road) , near Tumakuru, which is one of the major centers for Engineering and Medical Studies and is just on the outskirts of Bengaluru and is well connected by excellent services through road, rail and air. The location also has direct link by roads to important cities like Mysuru, Shivamogga, Hassan and Mangalore.

Situated in a place that is least affected by pollution and free from traffic snarls, the campus surrounding provides a green and healthy environment.

An Institution with a Vision

C I T
Partnering in Academic Excellence

Nurturing Excellence

G.B. Jyothi Ganesh
Secretary & MD , CIT Group

VISION

"To Create Centres of Excellence in Education and other related fields & thereby serving the society by enhancing the Quality of life through value based professional Leadership"

From the Chairman's Desk...

Welcome to the solemn precincts of an institution C.I.T. (Channabasaveshwara Institute of Technology), that really attempts to deliver what is promised in the forthcoming pages - a solid foundation to your future career. Housed in a sprawling campus, far from the bustle and clutter of urban areas, C.I.T. beckons you to an academic environment that imparts quality education by a team of faculty members who have excellent academic and technical credentials in their chosen line of specialization, tempered with long years of teaching experience. Our objective is unique in the sense that we attempt to make available those facilities that were hitherto offered by institutions in urban areas, to a vast mass of aspirants from rural areas at their doorstep. Globalisation of our economy has ushered in abundant scope for those who gain the technological skills and eventually occupy position that calls for a high degree of professional caliber. With the ever-changing technological scenario, caused by the marvel of electronic revolution, there has emerged a tremendous potential in the corporate sector for those who are qualified and ambitious enough to scale new heights in their career life . At CIT we are committed to impart professional and industry relevant skills in a conducive environment. Higher Education is a personal financial commitment but its value has never been more clearly proven. Irrespective of the chosen area of specialization, the doors of a wealth of career choices beckon all aspiring students. At C.I.T., you can develop your expertise and knowledge in a supportive and stimulating academic environment. We want you to enjoy your time here and we are committed to making your experience at C.T.T. a rewarding experience.

G.S Basavaraj
Chairman, CIT Group

A Team with a Mission

About CIT

Channabasaveshwara Institute of Technology (CIT) runs under the auspices of Sri Channabasaveshwara Swamy Rural Education Society (CRED Society). The Society was established in the year 2000 under the chairmanship of Sri G.S.Basavaraj, the Former Member of Parliament from Tumkur, with a vision to create Centres of Excellence in education and other related fields.

Channabasaveshwara Institute of Technology (CIT) was established in the Year 2001 with the objective of providing quality technical education. The institute is affiliated to Visvesvaraya Technological University, Belgaum, approved by All India Council for Technical Education (AICTE), New Delhi and Recognized by Government of Karnataka. The institute is ISO 9001:2008 & International Accreditation Organization (IAO) USA Certified.

Other institutions run by the CRED Society includes CIT Diploma College, Gubbi, Nightingale College of Nursing, Bengaluru & CITRIS(Research Foundation).

In a short span of 15 years CIT has become one of the preferred destination for Technical Education in Karnataka.

QUALITY POLICY

Our organization delights customers (Students, Parents and Society) by providing value added quality education to meet the national and international requirements. We also provide necessary steps to train the students for placement and continue to improve our methods of education to the students through effective quality management system, quality policy and quality objectives.

Dr. Suresh D. S.
Director & Principal

Prof. C.P. Shantala
Vice Principal &
HOD, CSE

Dr. Sridhar K N Rao
Professor CSE &
Advisor-Research

Nurturing Excellence

MISSION

- To provide high quality technical and professionally relevant education in a diverse learning environment
- To provide the values that prepare students to lead their lives with personal integrity, professional ethics and civic responsibilities in a global society
- To prepare the next generation of skilled professionals to successfully compete in the diverse global market
- To promote a campus environment that welcomes and honors men and women of all races, creed and cultures, and also values intellectual curiosity, pursuit of knowledge, academic integrity and freedom
- To offer a wide variety of off-campus education and training programs to individuals and groups
- To simulate collaborative efforts with industry, universities, government and professional societies
- To facilitate public understanding of technical issues and achieve excellence in the operations of the institute

Nurturing Excellence

Courses Offered

BE
Electronics & Communication Engineering
Computer Science & Engineering
Information Science & Engineering
Electrical & Electronics Engineering
Mechanical Engineering
Civil Engineering

P G
M.Tech - Computer Science & Engineering
M.Tech - Electronics
M.Tech - Software Engineering

MBA
Marketing
Human Resources
Finance &
Option of Dual Specialization

Diploma
Electronics & Communication Engineering
Mechanical Engineering
Computer Science & Engineering
Civil Engineering

Ph.D
Electronics & Communication Engineering
Mechanical Engineering
Computer Science & Engineering
Electrical & Electronics Engineering
Mathematics

Admission Procedure

All admissions are made through one of the following common entrance tests as given below:
B.E – Karnataka CET, COMED-K, AIEEE or any other Government recognized entrance exam.
MBA – PGCET, CMAT, K-MAT, M.Tech – Karnataka PGCET, GATE

Eligibility:
For admission to B.E, students should have passed two years of pre-university examinations with Physics, Mathematics and any one of Chemistry / Biology / Computer Science / Electronics as optional subjects with English as one of the languages of study. For admission to M.Tech students should have passed B.E / B.Tech in relevant field. For admission to MBA course student should posses a Bachelor's Degree of minimum three years duration.
For all the above courses the eligible percentage will be as per the prevailing orders issued from AICTE and Government of Karnataka.

Facilities

IT Facilities
CIT has well established state-of-the –art Computer Centres housing over 850 computer systems which are on LAN. A 34-mbps internet leased line is available in the campus. CIT is a Wifi Enabled campus.

Classrooms
The Classrooms are spread across 3 buildings. Each classroom is well lit and can accommodate more than 80 students.

Auditorium
A well furnished auditorium which can accommodate more than 500 students is centrally located on the campus.

Boardroom
A state-of-the-art well furnished boardroom is located in the administrative block.

CIT has a well laid out lush green campus away from the hustle and bustle of big cities, yet with all modern infrastructural facilities, providing excellent ambience conducive to overall development of students.

CIT also has Excellent Medical & Sports Facilities

CIT Co-operative Society
The CIT staff and students Consumers Co-Operative Society store stationeries, educational aids and also provides Xerox/copier facility for the benefit of our students and staff.

Cafeteria
A brand new state-of-the-art cafeteria, hygienically maintained, caters to the needs of staff and students.

Transportation
The institute owns 26 buses that operate from various parts of the city to the campus for the benefit of staff and students.

Hostel
CIT runs separate hostels for Boys & Girls. All the hostel rooms are well furnished and healthy food is served.
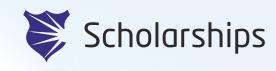
Scholarships

Office of Dean (Students) at CIT facilitates and supports students in availing scholarships from Central and different State Governments. Following are the major source of scholarships for students across different categories.

- ❖ **For General Students**: From Central Government through National Scholarship portal ; From Town Municipal / corporate office - Any City
- ❖ **For SC Students**: From State Government through TSWO Gubbi for students whose parents income is below 2.5 lakhs & DTE Bangalore for above 2.5 lakhs
- ❖ **For ST Students**: From Central Government through National Scholarship portal for students whose parents' income is below 2.5 lakhs & DTE Bangalore for above 2.5 lakhs
- ❖ **For OBC Students**: From Central Government through National Scholarship portal & From State Government through Vidayasiri Yoajane (epass web site)
- ❖ **For Minorities**: From Central Government through National Scholarship portal & from State Govt. through WAKF board
- ❖ For Students who has secured more than **80% of marks in 2nd year PUC** can avail scholarships through PUE board Karnataka (MHRD Scholarships)
- ❖ Students whose **parents are working in Labour fields** can avail Scholarships from Central Government through National Scholarship portal

- ❖ **Physically Challenged students** can avail scholarships from Central Government through National Scholarship portal & from National Handicapped Finance and Development Corporation (www.Nhfdc.org)
- ❖ For **Students from North Eastern States of India**: From Government of India, North Eastern Council Secretariat and "Ishan Uday" scheme for students from North Eastern Region

Note: Non-Karnataka students can avail scholarships from Central Government through National Scholarship portal and from welfare office of their respective State.

Special Scholarship for pursuing **free Engineering Education** @ CIT
In order to encourage and extend the helping hand to the student community who are all from economically weaker section with good academic back ground, CIT conducts Common Admission Test (CIT-CAT) for nearby districts students. Those who excel in this selection process, CIT offers scholarship for pursuing Free Engineering Education for one student in each discipline.

Computer Science and Information Science

Computer science and engineering has been pushing the envelope of almost all other disciplines, which use computing as a fundamental means of inquiry and tool for discovery. The department of Computer Science and Engineering was started with the mission "To provide students with an understanding of computer science concepts, processes, and tools and to equip students with the analytical, design, and communication skills necessary to build computing systems." In the year 2009 CSE department was accredited by National Board of Accreditation (NBA).

Information Science & Engineering is an interdisciplinary field primarily concerned with the analysis, collection, classification, manipulation, storage, retrieval and dissemination of information.

The department of CSE and ISE has several computer laboratories viz. Jupiter Lab, Uttara Lab, Dhruva Lab, Nebula Lab, Mercury Lab, Venus Lab and Bharani Lab with over 500 network enabled computers. These labs house latest computer systems with the required software packages to conduct the lab programs as per the curriculum.

The association of CSE/ISE dept. with various professional societies like Computer Society of India, IEEE & ISTE provides an excellent platform to the students to expose their technical skills and intelligence.

The department regularly organizes workshops, seminars, faculty development programs, student industrial visits etc. to ensure students & faculty are embraced with latest developments in Computer Science & engineering field.

Computer Science and information Science Engineering offer exciting, intellectually challenging and rapidly growing career opportunities.

Electronics and Communication

Electronics & Communication Engineering at CIT was established in the year 2001 for imparting quality education, training and research in the field of Electronics and Communication Engineering and allied areas. The Department offers a Bachelor's programme in Electronics and Communication Engineering and Master's programmes in Electronics. The Department also offers Ph.D programme recognised by Visvesvaraya Technological University, Belgaum, Karnataka.

The placement record has always been very impressive. Many alumni from ECE Stream hold prestigious positions in MNCs and blue-chip companies. The students are performing well in higher educational institutes and corporate. They have won many laurels in national and international forums and have published papers in prestigious journals.

In the year 2009 ECE Department was accredited by National Board of Accreditation (N B A)

The Department of Electronics & Communication Engineering has state-of-the- art laboratories in the areas of Communication, Embedded systems, DSP, VLSI system design etc. The Digital Signal Processing Laboratory is strengthened with the support of VGST Funds under the guidance of Dr D S Suresh. Further, with such funds the department is executing a project on 'DSP contextual lab'.

Also, the department will be entering into MoUs and agreements with national / international R&D centers and academic institutions to facilitate many such endeavours from the department. Every year, students get sponsorships from KSCST to carry out their final year engineering projects. More than 16 projects are sponsored by KSCST Bengaluru so far. The Faculty has expertise in: Communication, Networking & Wireless, Digital Signal Processing, Embedded Systems and VLSI. Five Patents has been filed from Dr D S Suresh from Dept of Electronics.

Electrical and Electronics

The department of Electrical & Electronics was started with the mission "To continuously strive for the total development of students by educating them in state of the art technologies to imbibe high academic and professional values, so that they emerge as competent professionals to meet the local and global challenges". The department has highly qualified and experienced staff .

The department has the following laboratories:

- Electrical Machine Lab
- High Voltage Lab
- Microcontroller Lab
- Power Electronics Lab
- Circuits and Measurement Lab
- Control Simulation Lab
- Power Simulation Lab
- Faraday Computer Lab

All the laboratories are will equipped with state of the art equipments and latest version of MATLAB, P-SPICE, MIPOWER Packages.

The department conducts additional practical courses for first year students other than curriculum to enhance their technical competence.

The department organizes various seminars / technical symposiums for the benefit of students and staff.

The professional association of EEE dept. with ISTE provides excellent exposure to all its students.

Mechanical Engineering

Mechanical engineering is one of the broadest and most versatile of the engineering professions. The Department of Mechanical Engineering at CIT offers undergraduate program in Mechanical Engineering recognized by AICTE, New Delhi with a student intake of 120. By emphasizing both analytical and creative methods, the department gives students the broad skills set they need to pursue their goals - whether that means working as an engineer, founding a company, continuing on to higher study or research.

The Department is well equipped with state-of-the art laboratories and infrastructural facilities in all the thrust areas. Students get wide exposure and practical hands on training in the sophisticated equipments during their lab sessions. Some of the important labs include Workshop, Machine Shop, Foundry & Forging Lab, Material Testing Lab, Metallographic & Metrology Lab, Fluid Mechanics Lab, Heat & Mass Transfer Lab and Design Lab.

The department also has state of art CAD Lab equipped with total number of 100 computers with high end latest configuration hardware. the software available includes Auto CAD, Solid Edge. Ansys (Computer Aided Modeling & Analysis Lab) and CADEM (CIM & Automation Lab).
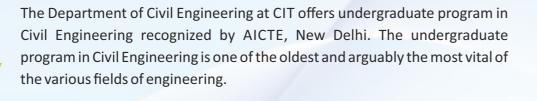
The department regularly organizes workshops, seminars, faculty development programs, student industrial visits etc. to ensure students & faculty are embraced with latest developments in mechanical engineering field.

The department has recently started Society of Automotive Engineers students chapter in the campus and has plan to participate in future Formula SAE events.

The job market for mechanical engineers is very strong and is expected to continue to be strong for the foreseeable future. This includes opportunities for summer employment as well as career placement.

Civil Engineering

The Department of Civil Engineering at CIT offers undergraduate program in Civil Engineering recognized by AICTE, New Delhi. The undergraduate program in Civil Engineering is one of the oldest and arguably the most vital of the various fields of engineering.

Department has very good infrastructure and laboratories which are equipped with latest equipments. Since inception, the department is committed to produce competent Civil Engineers. Qualified faculty members extend adequate support and guidance to the students of different caliber to enhance their understanding, analytical abilities and technical skills beyond curriculum .

Some of the important Labs where students get hands on experience include Hydraulics Engineering, Geotechnical Engineering \, Material Testing, Structural Engineering, Engineering Geology, Survey, Environmental Engineering, Concrete Testing, Civil Engineering Models lab etc.

In addition to classroom studies , students will get an opportunity to participate in extra curricular activities of both a social and professional nature, to gain valuable work experience and to expand their horizons of knowledge.

The Civil Engineering Association (CEA) was formed with the primary purpose of exposing our students, Civil Engineers-to be, to the rigours of the profession. With both students and faculty as its members, the organization is responsible for conducting lecture series dispensed by distinguished practitioners of the trade to supplement classroom study with real life civil Engineering problems.

B.E in Civil Engineering offers some of the most-exciting career opportunities of the 21st century.

The Department of Master of Business Administration (MBA) was established with a mission "To promote a flexible learning environment and develop responsible, multi-skilled leaders and entrepreneurs who create value for their organizations and society".

This MBA program is a two year full time course spread over four semesters. The program is duly approved by AICTE, New Delhi and affiliated to Visvevaraya Technological University, Belgaum. The course offers specializations in Marketing, Finance, Human Resource and also has option of Dual Specialization
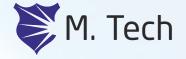
The objectives of the department are

· To deliver an educational experience to transform our students' future.
· To foster the spirit of creativity and innovation within the campus
· To provide our students an access to cutting-edge research and expertise through our renowned faculty.
· To offer an opportunity for learning and career development that goes beyond lecture.
· To expand the frontiers of academic thought and influence business practice through research

The MBA program aims at providing inputs to the students relevant to the business, industry and trade so that they can efficiently & effectively function in different organization and face the challenges arising as a sequel to all round development of the country.

Top priority is accorded here towards the creation of management graduates with strong fundamentals and firm basics of management. The curriculum that is followed has a balanced blend of practical and theory. Along with the prescribed syllabus, industrial visits, seminars, guest lectures, case studies and mini-projects are undertaken on a regular basis. Besides, CIT faculty, a team of highly specialized resource persons are associated with the program We are confident that the Department of MBA at CIT will endeavor to reach great heights to provide quality management education. At the end of two years, students will carry with them the spirit of CIT, which has moulded them for life.

M. Tech

Nurturing Excellence

CIT offers the following M. Tech programs for PG aspirants

- ➢ Computer Science & Engineering
- ➢ Electronics
- ➢ Software Engineering

All M. Tech classes have state-of-the-art facilities with every student having an individual PC connected to a high speed internet. Very distinguished faculty with rich experience, both in India and abroad, handle M. Tech classes. All classes are supplemented with various video, audio and other materials. Classes are made very interactive and the pedagogy used ensures students have experiential learning.

CIT Library stacks good number of books for M. Tech students. Special books based on the areas of interest of students are being procured regularly. Students are involved in number of live projects and are encouraged to publish/present research papers in journals /conferences.

All students are expected to undertake Internship during the final year as a part of academic requirement. Series of bridge courses / workshops are conducted for M. Tech students before they undertake Internship to ensure the learning outcome are more meaningful.

CSE & ECE Departments have collaborated with few reputed organizations and through this initiative many industry-institute alliance activities are being arranged for M. Tech students.

Placement and Training

The Department of Training and Placement was established in the year 2003.The department, which had a modest beginning, showed significant development both in terms of placements as well as training year on year. The department has an exclusive Training and Placement Officer and scope of the department includes:

· Counseling & Career Guidance
· Training – hard & soft skills
· Placements – campus & off-campus
· Performance Monitoring
· Corporate & Industrial tours / visits
· Industry-Institute alliance programs.

Pre-placement training is imparted to all students, as part of the curriculum. The emphasis is on developing professional outlook, leadership qualities, commitment & dedication, besides enhancing knowledge & capabilities.
The department is credited with hosting the first ever National Workshop exclusively for Training & Placement Officers way back in 2005. Since then many workshops, seminars, symposiums etc. have been organized by the department.

The outcome of above workshops was formation of two important associations, i.e **ACCESS** & **IAPT**, headquarters of both being in CIT Campus. While **ACCESS**-"Association of engineering colleges for the joint campus employment services and selection" addresses issues at the micro level, mainly concerned with campus selection, the other association **IAPT**-"Indian Association of Placement & Training Officers" addresses broader issues at the macro level and work towards creating conducive placement & training environment by influencing policy making bodies.

Also, the Training & Placement Department has been hosting JOB MELAS regularly in which many top notch companies take part and hire candidates in large numbers.

Companies where our students are placed include

Learning Resource Centre

Nurturing Excellence

CIT has state of the art learning resource center catering to the informational needs of staff and students. At present learning resource center has more than **65,000** volumes of books in all branches and around 3500 books on various other general subjects.

LRC is subscribing good number of reputed National &International Journals in various disciplines of Engineering & Technology. More than 20 different magazines and about 17 news papers of different languages are being subscribed by the library.

CIT Learning resource center has the following institutional membership association

J-Gate & DELENT

E-Resources: VTU Consortium [IEEE-IEL Online, Elsevier Science Direct, Springer, ASCE, Pro-Quest Engg, Pro-Quest Management]

Library is kept open from 9:00 am to 7.30 pm reference section is fully furnished with a seating capacity of 170 students.

Apart from technical books, library maintains encyclopedias, hand books, technical and general dictionaries for the benefit of students & staff. Reference section also provides various management books, biography of great Legends, **GRE, GMAT and TOEFL, GATE** related books. CD's of prominent & popular books / journals are also maintained in the learning resource center.

CIT-LRC has a book bank scheme through which 6 books are issued to every student each semester. Apart from this the library has the SC/ST book bank containing more the **6255** volumes of books.

CIT-LRC also has a Digital Library which functions like a self learning centre in which students and staff can have access to various on-line e-journals, placement papers of different companies, technical and soft skills material.

As an extended activity of the library services, a language learning laboratory is established. Its main objective is to improve the language and communication skills of our students and also to empower them as better communicators.

CIT library has well qualified staff catering to the needs of students and staff with a wide range of information services.

Sports - Physical & Health Education

"To nurture the spirit of healthy constitution and character in every aspiring individual for the overall development of body, mind and soul thereby making them responsible citizens of the country and also resourceful engineers" is our Mission.

The department is committed and has a well dedicated team of trainers and students. It has spacious ground for outdoor activities and well equipped infrastructure for indoor games.

Outdoor Facilities
· Football, Cricket , Basket Ball, Volley Ball, Lawn Tennis, Throw Ball Kabaddi , Bass Badminton, Kho-Kho

Indoor Facilities
· Table Tennis, Chess, Caroms

It is a matter of pride for CIT that the Karnataka state Cricket Association is using our college cricket ground for conducting KSCA League Cricket Tournament Matches.

The department has been organizing inter collegiate Twenty/20 Cricket tournament every year.

CIT Students have excelled in inter collegiate, intra collegiate tournaments at the university level sports events and meets like athletics, Cricket and Gymnastics.

The department has hosted the following intercollegiate VTU events in the campus
- VTU Inter-collegiate Kabaddi Tournament (2008)
- VTU Inter-collegiate Kho-Kho Tournament (2009)
- VTU Inter-collegiate Volley Ball (Men) Tournament (2010)
- VTU Inter-collegiate Volley Ball (Women) Tournament (2011)
- VTU Inter-collegiate Bengaluru North Zone Kho-Kho (Men) Tournament (2014)
- Inter-collegiate Central Karnataka Zone Cricket Tournament (2015)
- Inter-collegiate Bangalore Zone Kho-Kho (Women) Tournament (2016)

Nurturing Excellence

Many CIT students have represented VTU in the All India Inter-University Sports events and the following are few major representations:

Mr. Chethan Shetty (2009, All India Inter-University Athletic meet)

Mr.Tanmai Ojha (2009, All India Inter University Gymnastic Competition).

Mr. Shashank M (2010 , South Zone Inter University Badminton Tournament)

Mr. Rohith (2010, South-west Inter University Kho-Kho tournament).

Ms. Anusha J (2010, South-Zone Inter University Ball-badminton tournament)

Mr. Lohith (2011, South-Zone Inter University Ball-badminton tournament)

Ms. Rachana Hegde (2011 & 2012, South-Zone Inter University Volley Ball tournament)

Ms.Chandrika T M (2013, All India Inter-University Athletic meet)

Ms.Chaitra (2014, South Zone Inter University Net ball tournament)

Mr.Shivraj G (2014 & 2015, Inter University Cricket tournament)

Research Grants received

Under the able leadership of **Dr.Suresh D** S CIT has received grants to the tune of **Rs. 20 Million** for undertaking research in various disciplines. Also, is matter of pride that Prof**. Shantala C P**, Vice Principal & HOD Computer Science was recently presented with **'Young Scientist Award"** along with the seed money of 6 Lakhs by Vision Group on Science & Technology (VGST), GoK for research project entitled "EEG Based Brain Computer Interface for Assistive Technology.

Patents filed

CIT nurtures patent culture in the campus and accordingly many faculty members has filed patents in their respective domains. Given below are patents filed by **Dr. Suresh D S.**

(1) "Health monitoring System": CBR No: 2394
(2) "Automated soil Testing Devices": CBR No. 5316
(3) "Audio Control on phone Interference while driving the Light/Heavy vehicle" CBR No. 4771
(4) "PLC based Waste Management Robot": Application No. 6234/CHE/2015
(5) "Automated Brake Control System": Application No. 201641006047

In-house products developed

Understanding the importance of R&D, CIT started its research wing CITRIS-'Centre for Information Technology & Research in Interest of Society' in the year 2006. CIT has the credit of developing its own products. Following are few important products developed by CIT:

- Digital I C Trainer Kit
- Power Supplies
- DRB/DIB/DCB
- RPM Meters
- Micro Processors / Micro Controllers
- Interfacing Kit
- PSOC Development Boards
- Library Management Software
- College Management System
- Automated Temperature Tracking System (for Southern ailways)

Linkage with Foreign Universities

CIT has signed a MoU with the University of Alabama, Birmingham, USA and the National Crash Analysis Center of the George Washington University, Washington DC, USA. Under this international linkage, CIT not only provides an opportunity for exchange of scholarly material and opportunity for collaborative research but also provides a platform for deserving students to pursue higher education at these institutions.

Linkage with TCSioN

CIT, Gubbi in association with TCS iON has been conducting various online entrance exams in the campus regularly. Major exams conducted so far includes IBPS Exams, Karnataka Bank Exam, SBI Entrance Exam, GATE Exam, JEE Exam, RBI Exam etc.

Linkage with reputed MNC's / NGOs

It is immense pride to CIT that Director **Dr. Suresh D. S** is actively involving as a technical consultant to companies like Socrates Software India Pvt. Ltd., Toshiba Semiconductors Pvt. Ltd., Japan, GTTC etc.

Prof. Shantala C P, Vice Principal & HOD of Computer Science and Engineering extends her service as a technical consultant for companies like Future Techno Designs Pvt. Ltd. (Singapore) , Creative Technologies Pvt. Ltd. (Creative Labs, Singapore) , Universal Instruments etc.

Mr.T M Prasanna Kumar, HOD, MBA Department is Chief Mentor of two start-up companies i.e Skill India Edutech Private Limited & KSFi which are into Skills Development Space. Also, Mr. Kumar is closely associated with various Voluntary Consumer Organizations in Karnataka fighting for the cause of Consumer Rights & Welfare.

Technical Projects

KSCST Sponsored Projects

Good numbers of student projects have been sponsored by **Karnataka State Council for Science and Technology (KSCST)** so far. CIT is credited in hosting the evaluation of 37th series "Student Project Program (SPP)" of KSCST on 15th May 2014 at CIT Campus. In the final evaluation program of 37th series SPP held at BVB Engineering College, Hubli CIT bagged three **"PROJECT OF THE YEAR"** awards: Two awards in Exhibition Section and one award in Seminar Section

Hobby Projects

Students in CIT across all the streams are encouraged to undertake hobby projects and further present their projects during **K-NEW**, a technical state level symposium, organized by CIT every year.

Testimony of students' technical competence

It a matter of pride for CIT that one of its teams under the guidance of **Prof.Shantala C P** has bagged second runner-up trophy and cash prize of Rs.20,000/- in MANTHAN -2009 -a paper presentation competition organized by Department of IT/BT, Federation of Karnataka Chamber of Commerce and Industry. Former President of India **Dr. A.P.J Abdul Kalam** and M.D & Chairperson of Biocon **Mrs. Kiran Mazumdar Shaw** distributed the prizes.

Two teams from Channabasaveshwara Institute of Technology, Gubbi which took part in "Challenge Chatni" Competition organized by **National Council for Science technology Communication (NCSTC)** at HMSIT, Tumkur on 6th, 7th & 8th Feb 2010 have won first and second prize in two different categories.

A project entitled "Intelli-Track: A Smart Tracking System for lost objects using RFID Technology" guided by **Prof. Shantala C P** was selected under Technology Related Innovative Projects (TRIP) in 2012 and accordingly CIT received a cheque of Rs.40,000/- from VGST, GoK for this selection.

Professional Society Activities

The chapters of reputed National Bodies like **ISTE, IEEE, CSI, SAE-India** etc are functioning in CIT Campus. By these students will have opportunity of purposeful interaction with other Members across India and also other Countries. Symposia organized by students annually in all departments, include technical paper presentation, technical quiz competition, industry-student interaction session and hobby projects competition. Students from our institution and also from various other technical institutions take part in these co curricular competitive events

8th ISTE State Level Student Annual Convention, Karnataka section was held in CIT on 14th & 15th Oct 2011. Dr. M Basavaraj, Chairman, ISTE, Karnataka Section & Dr.Navakanta Bhat, Professor, IISc, Bangalore inaugurated the event

IEEE Student Branch in CIT is very active and regularly conducts workshops, seminars, intercollegiate competitions etc. under its flagship event named **"N-Gene"**. IEEESB at CIT has conducted (i) A National Level Technical Paper Presentation Contest in 2010 (ii) Workshop on Robotics (building of Robo Soccer) in 2012 (iii) Certification Course on PLC in 2013 and (iv) Workshop on building of Eye-Boltz in 2014.

Under the aegis of **Computer Society of India, CIT Chapter** many faculty members have participated in various workshops / conferences conducted both in CIT Campus and elsewhere. Workshops on the areas like Android, Hadoop Development, Cryptography, Network Simulation & Cloud Computing etc. were organized in CIT campus in the recent past. Such platforms have helped faculty members to enhance their technical skills.

In the year 2014, CIT collegiate club of **Society of Automotive Engineers – India (SAE)** started functioning. CIT collegiate club of SAE has provided lot of benefits to students through various activities like industrial visits to automotive manufacturing units, job fairs, career enhancement sessions etc. Student members participate in prestigious events like **SAE BAJA** and **SAE SUPRA.** Student members through this club are encouraged to design and fabricate car as per SAE rules.

Skills & Entrepreneurship Development Initiatives

Skills Development

CIT has established a Vocational Training Centre in the year 2008. Through this Centre it has vocationalized all the technical courses it is offering. Skills development programs are fitted into the regular time table and students are expected to undergo them compulsorily. Also, Skills of the students are enhanced through collateral programs being offered in association with reputed organizations like CISCO, IBM, Skill Soft, Pro-CADD, EduCADD etc.

Entrepreneurship Development

CIT lays lot of thrust on infusing entrepreneurial spirit among student communities. It strongly believes Technical Education Institutes should play a key role in harnessing and leveraging Central Government Schemes like **START-UP INDIA –STAND-UP INDIA**. In-fact, way back in 2005 CIT established EDP cell with an objective of sensitizing students about entrepreneurial career.   So far good number of Entrepreneurship Awareness camps have been held in CIT campus for the benefit of students and staff.

CIT Entrepreneurship Development Cell (EDP) in association with MSME Development Institute, Bangalore organized 22 days training program for SC/ST students on "Business Skill Development" from 18th Jan 2010 to 13 Feb, 2010 in the campus. This program was organized to develop entrepreneurial qualities among the SC/ST candidates and thereby make them self employed.

Incubation Cell

CIT is planning to set-up Incubation Cell in association with itie Knowledge Solutions Limited, Bangalore in near future. Through this cell students' business ideas would be nurtured by various experts and further commercialization of the idea would be explored.

Grassroots Exploration in association with Welingkar Institute & CMR University

CIT MBA staff & students have been facilitating Grassroots Study undertaken by Welingkar Institute, Bangalore since four years. The basic objective of this study is to sensitize students with regard to grassroots issues which people in rural areas are confronted. This study would provide opportunity to the students to use knowledge, tools and techniques to create new business in emerging rural markets. From 2016 similar support was extended to students from CMR University, Bangalore.

"Workforce Availability Analysis" - for newly proposed HAL Unit near Gubbi.

Director & Principal of CIT **Dr.Suresh.D.S** spearheaded a comprehensive study on 'Workforce Availability Analysis' for new HAL Unit being set up at Bidrehallikaval, Gubbi Taluk. As a part of the study around 1000 respondents spread across 14 villages in and around Gubbi were met and necessary data collected. The basic objective of this study was to map the local talents / skills who could be prospective recruits at new HAL unit. CIT is also planning to bridge the skills gap by imparting suitable training for the aspiring candidates.

Support to Swachh Bharat Mission

CIT has been sensitizing students about **'Swachh Bharat'** by involving them in various outreach activities. Senior Professors, including Principal & Vice-Principal, lead from the front in such activities. To name couple of such activities, a massive cleaning campaign at Devarayanadurga & campaign for Cracker Free Deepavali was undertaken recently.

NSS Activities

NSS unit of CIT has been conducting many students and public beneficial activities since 2004. Special camps are organized from NSS with an aim to sensitize students to various societal issues. In these camps activities like plantation of saplings, cleaning drainages, educating school children on computers and English language etc are carried out. Along with this medical & blood donation camps are organized on a regular basis.
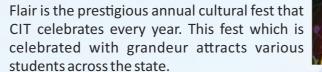
Flair is the prestigious annual cultural fest that CIT celebrates every year. This fest which is celebrated with grandeur attracts various students across the state.

Main purpose of this fest is to provide a stage for the students to exhibit their talents other than academics.

The different events of flair are: Anthakshari, Choreography, Mock Press, Mono-Acting, Quiz, Cartooning, Collage, Skit, Mad Ads, Ethnic Show, Mr & Ms Flair, Classical / Western Dance, Dumb Charades, Debates, Rangoli and Photography.

The events are organised in different venues within the campus.
Every year many students from various institutions across the state participate with enthusiasm in various events to win prizes and laurels.

This year this event was further modified, as complete boarding and lodging arrangements were provided free of cost for all the participants coming from out stations. Total of over 150 students availed this facility

Besides all the stage set-ups were very well decorated and most of the stage set-ups were housed in the spacious halls in the new blocks

Media Coverage

Bangalore Mirror

Tumakuru villages get ready to welcome HAL with skilled workforce

HAL unit reverses brain drain

CODE 560

HAL's Tumakuru unit ups hopes of riches among farmers

"Industrialisation in the district would bring in enough wealth for individual families. One needs to manage it properly. Going by the general notion that women are better managers of resources than men, we chose to train local college girls so they can take care of their families or support them in setting up any business or industry."

Prof. C.P. Shantala
Vice Principal &
HOD, CSE

Nurturing Excellence

At CIT it is not just about Academic, Sports and Training.

We encourage and indulge in a host of meaningful events too.

A glimpse of vibrant events which filled life in our campus...

Blood Donation Camp
Arranged in CIT Campus

VTU Women Kho-Kho Tournament 2016
Address by
Shri G B Jyothi Ganesh
MD & Secretary, CIT Group

Padmashri Dr. R M Vasagam, Inaugurating KNEW 2016

Shri G S Basavaraj, Chairman, CIT Group
Addressing Students from CMR University

Alumni Meet 2016

Dr. D S Suresh, Director & Principal, CIT
Delivering Inaugural Address during Darpan 2016

As a student of CIT, you number amongst thousands of individuals around the globe from a variety of disciplines.

The Institute is proud of its alumni and aim to recognise the achievements they have made since they graduated from CIT.

The alumni aren't just part of the past—they're a vibrant part of its present and the key to its future.

The lifetime connections built here are directly related to the Institution's core values of teamwork, community, trust, and a commitment to excellence. These connections are further enhanced through a wide range of alumni services, including professional development programs, networking and social events, and opportunities to serve as mentors by sharing knowledge with students and faculty.

- Conferred with "Excellent Engineering institute in rural area in Karnataka" Award (2014, jointly by CMAI, New Delhi and VTU, Belgaum.

- Rated B++ Category Engineering College India (2010, by Business and management chronicle.)

- Listed among "Best Engineering college in India (2010 by Career 360)

- "Best Young Director in Karnataka" award to Dr.Suresh.D.S (presented during II National Education Summit & Awards – Karnataka 2016)

- Appreciation from Prime Minister's Office (PMO) to Dr.Suresh.D.S for developing a white-paper on technical education in rural place (2015)

- Amulya award to Dr. Suresh .D.S, Director and Principal (by Karnataka state innovation council)

- Young scientist award to Prof.Shanthala ,Vice-Principal and head, department of computer science and engineering (by VGST, GoK)