CTTI
COMPUTER
EDUCATION

No.1
Institution

INSTITUTE FOR ADVANCED LEARNING OF COMPUTER, TECHNICAL & PROFESSIONAL COURSES

Only one Institution in Mangalore with multiple Courses

CTTI - COMPUTER EDUCATION

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ISO 9001 2015 CERTIFIED

Institute was inaugurated on 12th May 2007. The founder of this Institute has vast Experience in Electronics & Computer Field. He had worked in many Reputed companies and in KPT, Mangalore as Computer Hardware & Networking Faculty. This Institute is ISO 9001:2015 Certified from International Accredited Body. So, the Certificate issued from our Institute is accepted by all IT industries in India and Globally. From the very beginning the intention of this Institute is to provide quality education @ affordable fees.

Professionally being in the field of service since decade, we know what good we can do for a student to meet the requirement in IT industry. The curriculum is prepared not only to meet IT industry requirements, an individual can become an independent working Professional on his own. Here along with the course Careers are Developed.

At Creative we are focused on our students, to Equip him to meet the present market demands. keeping in touch with the latest Technology developments, new Courses are introduced. We have introduced Laptop Chiplevel Training because of increased sales in laptops. Many courses are yet to be introduced which opens door for self employment and many other courses like Cloud Computing, Python, Python, Data Analyst, Data Science, AIML, Frameworks, Eithcal Hacking, Devops and Linux Administration have been introduced.

As far as job is concerned there is a huge demand for the right candidate. The growth of IT industry is so huge that there is a shortage of skilled professionals. Any student performing well will find no difficulty in securing a job. Placement assistance will be provided for a deserved candidate.

SALIENT FEATURES

Trained to work on your own or work in large Companies.

Placement Assistance for Deserved Candidate.

Practical Oriented, Updated Knowledge.

Quality Education with affordable Fee.

Experienced Faculty & Microsoft Certified Trainers.

ISO 9001:2015 Certified Institute.

Fast Track / Full Term Courses.

Registered Under Govt. of India & Govt. of Karnataka

DIPLOMA IN COMPUTER APPLICATION (DCA)

The course is designed to aim at imparting a basic level appreciation programme for the common man with effort to achieve the objective of achieving computer literacy. After completion of this course students will be able to work in any medium to large companies as a Front Office Assistance or Data Entry jobs of any kind.

- Keyboard Practice,
- Notepad, Wordpad, Mspaint
- Ms-Office: Word, Excel & Powerpoint
- Internet, Scanner & Webcam.

For More Details Visit: https://ctti.co.in/dca.html

PGDCA

In this course, Students will learn Basic Computer, Tally ERP 9 with GST, and Desktop Publication. This one Course is designed to give opportunities to students in 3 types of Careers. The students after Course Completion will be competent to work as an Office Administrators or Accountant or Graphic Designer.
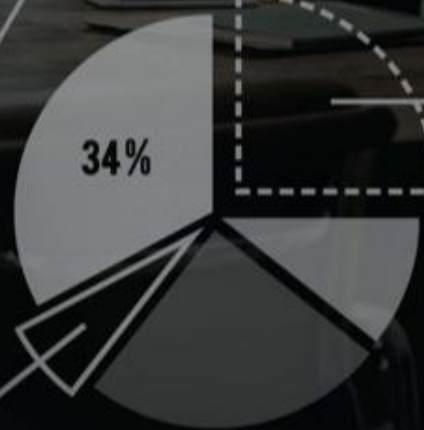
It's a Single Course with Multiple Benefits. The Curriculum is designed to help students Work on their Own or in Medium to Large Companies at affordable Fees.

For More Details Visit: https://ctti.co.in/PGDCA.html

Tally ERP 9 with GST

- ◉ Basic of Accounting.
- ◉ Fundamentals of Tally ERP 9.
- ◉ Accounting Masters in Tally ERP 9.
- ◉ Inventory in Tally ERP 9.
- ◉ Voucher Entry in Tally ERP 9.
- ◉ Value added Tax (Optional).
- ◉ Creating master and Set GST.
  - ➤ Creating CGST (Central Goods Service Tax).
  - ➤ Creating SGST (State Goods Service Tax).
- ◉ Technologies Advantages of Tally ERP 9.
- ◉ Payroll Accounting and Compliance.
- ◉ Printing Invoices.

For More Details Visit: https://ctfi.co.in/tally.html
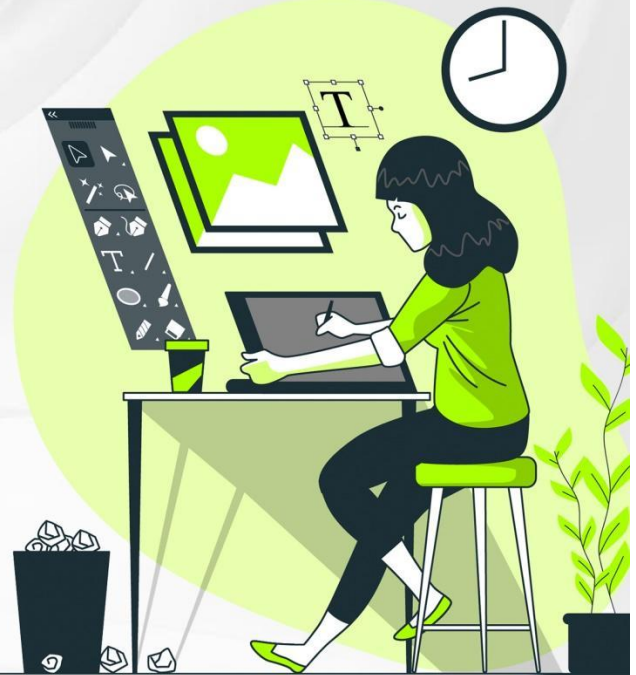
34%

12%

GRAPHIC DESIGNING

Graphic Design is intended to be a first course in computer aided page design. The skillful combining of images and text become the core of this course. It is a working studio class and through demonstrations and hands on work you will learn to solve visual problems using Adobe Photoshop and Adobe Illustrator / Coral Draw. From postage stamps to giant billboards, graphic design permeates our environment. Understanding how to apply basic design concepts to the presentation of informative or persuasive material is crucial to communicating with an audience.

Software: Adobe Photoshop, Adobe Illustrator/Corel Draw Adobe Indesign & Nudi

For More Details Visit: https://ctti.co.in/graphicdesigning.html

WEB DESIGNING & DEVELOPMENT

The internet is now widely used by people for a number of purposes like for online shopping, to get information, to book tickets, to reserve hotel rooms and many more applications. A web site design can be made simple and static with simple HTML format as well as made more lively using moving images or animation with the help of flash. What type of web site design is to be used depends on the purpose of your website.

Designing: Adobe Photoshop, HTML5, CSS, Adobe Animate
Development: AJAX, Jquery, Java Script, PHP & MySql
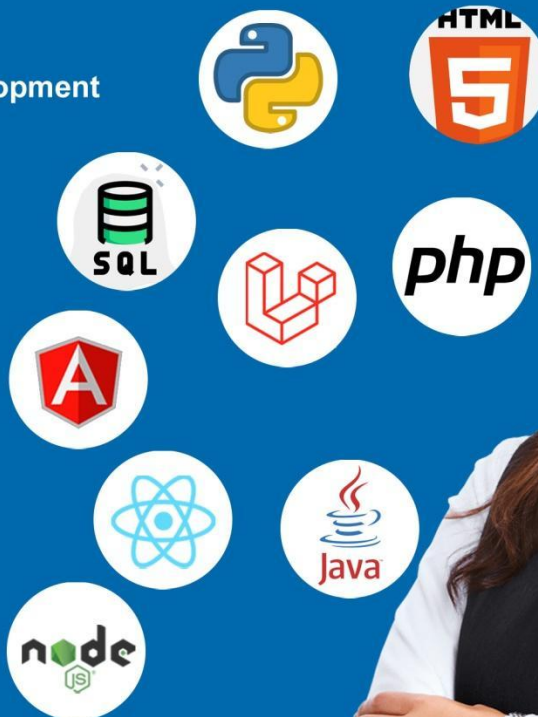**For More Details Visit:** https://ctti.co.in/webdesign_development.html

SOFTWARE
COURSES

Software Industry was created in early 1960. The requirements of Softwares for Commercial or Entertainment have been increasing since then thus, opening new doors of opportunities for all people involved in Developing, Learning, and Testing Softwares. Students who learn Software Courses like Ms-Office, Graphic & Web Designing, Tally ERP 9 or Java or Python etc., have Opportunities to work in a Medium or Large Companies. There is a Good Scope if you learn from Competent Professionals.

- ◉ **Graphic Designing**
- ◉ **Web Designing and Development**
- ◉ **Full Stack Developer**
- ◉ **Programming in Python**
- ◉ **Advance Python**
- ◉ **Python for Data Analytics**
- ◉ **Basic and Advanced Java**
- ◉ **Complete JavaScript**
- ◉ **Data Science**
- ◉ **AIML**
- ◉ **Complete PHP**
- ◉ **C, C++**
- ◉ **Frameworks:**

  Angular JS, React JS, Node JS, Laravel & Spring
- ◉ **Web Programming Using Asp.net & Sql Server**
- ◉ **.Net Framework (C# or Visual Basic)**

For More Details Visit: https://ctti.co.in/software.html

PROGRAMMING LANGUAGES
(C, C++, C#)

A Programming Languages are used in the creation of Operating Systems like Microsoft Windows & Linux Kernal, Android and Symbian for Smart Phones,Drivers, kernels and Applications like Google or Autodesk Maya, Ms Office Suit, GUI Design, Game Development, Embedded Systems and development of New Programming Languages like c#, Java, Javascript, Python, PHP and Database Design like Oracle, PostgreSQL, MySQL, MS SQL Server IoT Applications and Design Medical Applications and many more.

PROGRAMMING IN PYTHON

- Introduction
- Python Programming
- Fundamentals
- Control Statement
- (Conditions & Branching)
- String Operations
- Python Data Structures
- Functions
- Exception Handling
- Objects and Classes
- Constructors
- Inheritance
- Modules
- Packages

PYTHON ADVANCED

- Python OOPS
- Python Lambda function, Maps and Filter function
- Assert Statements
- List Comprehension
- Iterators
- Generators
- Decorators
- Descriptors
- Serialization
- Numpy
- Pandas, Data Frame, Data Series
- Matplotlib
- Seaborn
- Regular Expressions
- Asynchronous Execution with Thread
- Introduction to SQLite database
- Web Scraper
- Testing with PyTest

PYTHON FOR DATA ANALYTICS

- Business Analytics - Excel
- Database - SQL
- Programming Language - Python
- Visualization Tools - Tableau

For More Details Visit: www.ctti.co.in/python.html

JAVA PROGRAMMING

Core Java

- ✔ Introduction to Java and Eclipse
- ✔ Language Fundamentals
- ✔ Classes and Objects
- ✔ Exploring Java Basics
- ✔ OOP with Java
- ✔ Interfaces and Abstract Classes

- ✔ Arrays, Collections and Generics
- ✔ String Handling
- ✔ Threads
- ✔ Lambda Expression
- ✔ Stream API
- ✔ Exception Handling

Advance Java

- ✔ Java Database Connectivity
- ✔ Java Server Pages (JSP)
- ✔ Swings

- ✔ Servlets
- ✔ Unit Testing using JUnit

Full Stack Java Development

- ✔ Core Java
- ✔ MySQL Database
- ✔ Angular JS or React JS

- ✔ Advance Java
- ✔ HTML 5, CSS 3 with Bootstrap, Javascript ES6
- ✔ Docker

For More Details Visit: https://ctti.co.in/java.html

WEB PROGRAMMING USING ASP.NET

Learning Web Technology is essential today because Internet has become the number one source to information, and many of the traditional software applications have become Web Applications. Web Applications have become more powerfull and can fully replace desktop application in most situations.

ASP.NET is a free web framework for building great websites and web applications using HTML, CSS, and JavaScript. You can also create Web APIs and use real-time technologies like Web Sockets. ASP.NET Core is an alternative to ASP.NET.

AIML

ML: Basic and Advanced Python, Data Analytics, Statistics & Creating Modules.

AI: Basic and Advanced Python, Data Analytics, Statistics and Creating Modules including CNN, ANN and Deep Learning in depth

For More Details Visit: https://ctti.co.in/AIML.html

FRAMEWORKS

- ✔ Angular JS 7
- ✔ React JS
- ✔ Spring Framework
- ✔ Spring Boot
- ✔ Django: A Web framework
- ✔ Laravel Framework

For More Details Visit: https://ctti.co.in/framework.html

DATA SCIENCE

Basic and Advanced Python, Data Analytics, Data Science Statistics.

For More Details Visit: https://ctti.co.in/datascience.html

SOFTWARE Testing

Manual   Automation

Software testing is the process of evaluating and verifying that a software product or application does what it is supposed to do. The benefits of testing include preventing bugs, reducing development costs and improving performance.

For More Details Visit: https://ctti.co.in/softwaretesting.html

CISCO CERTIFIED NETWORK ASSOCIATE (200-301)

Cisco Certified Network Associate v2.0 (CCNA 200-301) tests a candidate's knowledge and skills related to network fundamentals, network access, IP connectivity, IP services, security fundamentals, and automation and programmability.

Network Fundamentals

Networking Access

IP Connectivity

IP Services

Security Fundamentals

Automation and Programmability

CISCO
CERTIFIED
CCNA
200-301

CCNP

CISCO CERTIFIED NETWORK PROFESSIONAL

The Implementing and Operating Cisco Enterprise Network Core Technologies (ENCOR) training gives you the knowledge and skills needed to configure, troubleshoot, and manage enterprise wired and wireless networks.

The Implementing Cisco Enterprise Advanced Routing and Services (ENARSI) v1.0 gives you the knowledge you need to install, configure, operate, and troubleshoot an enterprise network.

Cisco CCNP Enterprise syllabus

Architecture

Network Assurance

Virtualization

Security

Infrastucture

Automation

CISCO CERTIFIED
CCNP
ENCOR
350-401

Open Shortest Path First (OSPF)

Gateway Protocol (BGP)

CISCO CERTIFIED
CCNP
ENARSI
300-410

VMWare VIRTUALIZATION

Virtualization can increase IT agility, flexibility and scalability while creating significant cost savings. Greater workload mobility, increased performance and availability of resources, automated operations — they're all benefits of virtualization that make IT simpler to manage and less costly to own and operate.

HARDWARE

Module 1: Hardware

This course is all about physical devices used to built computers and peripherals and the operating system installed on it. The course covers the identification, uses, working and faults in hardware devices like motherboard, Ram, Hard disk drives, microprocessors, optical devices, IO cards, keyboard, mouse, SMPS, printers, webcam, scanner etc. installing the operating system and other application and utility software.

Trained by Experienced Faculty on Latest Technologies with In-Depth Practicals. Learn Basic Laptop Course along with Hardware & Networking. You will Become the Best Engineer / Technician if you learn from our Institution. Placement Assistance for the Deserved Candidate. Many of our Students are working Abroad, IT Companies or running their own Computer Sales & Service Center. Here in CTTI Career is Built along with the Course.

For More Details Visit: https://ctti.co.in/hardware.html

NETWORKING

Module 2 & 3:   (Wired & Wireless Networking)

Computer networking is communication between computers using different operating system and Sharing the resources. The advantage of networking is you can minimize the hardware requirements in a large enterprise and cut down the expenses. You can secure, send and receive large files or E-mail to any part of the location. You can purchase a flight ticket or do tele purchases and many more. It requires at least two or hundred of computers to establish networking. Today networking has become the backbone of any Industry or departments.

This course is all about computers such as client and servers and networking devices such as switches and routers, network media, configuring clients and servers in LAN and sharing networked resources. Students will learn from scratch about Networking Technologies in WAN & LAN such as wired and Wireless Networks and will be competent to Implement, Design, Configure and Troubleshoot from a small Network to Large Networks.

Module 4: Basic Laptop Course

For More Details Visit: https://ctti.co.in/networking.html

Cloud Computing

Simply put, cloud computing is the delivery of computing services - including servers, storage, databases, networking, apps, analytics, security and intelligence(AI) - over the Internet ("the cloud") to offer faster innovation, flexible resources, and economies of scale. You typically pay only for cloud services you use, helping lower your operating costs, run your infrastructure more efficiently and scale as your business needs change.

NETWORKING

VIRTUALIZATION

CLOUD

NETWORK SECURITY

✔ AZURE

✔ AWS

✔ GCP

For More Details Visit: https://ctti.co.in/cloud.html

MICROSOFT CERTIFIED SOLUTIONS ASSOCIATE

MCSA: WINDOWS SERVER 2016

With the Introduction of Microsoft Windows Server 2016 Operating System, new features had been introduced such as Windows Server Hyper-V Containers. Windows Server 2016 provides new role such as Network Controllers which allows to Centralized, Programmable point to configure, monitor, Manage and troubleshoot physical and virtual Network devices. Learning MCSA 2016 you will be able to Implement, Configure, Manage & Troubleshoot Microsoft Servers. The Course Contents mentioned below will expertise you to Master the Administration of Microsoft Windows 2016 Server Operating System.

Microsoft

MCSA

70 - 740

70 - 741

70 - 742

For More Details Visit: https://ctti.co.in/mcsa2016.html

DIGITAL MARKETING

- ✔ **Website Building using Wordpress**
- ✔ **Image Creation Techniques**
- ✔ **Video Editing Techniques**
- ✔ **Content Creation**
- ✔ **Blog Creation**
- ✔ **Creating accounts in Gmail, Facebook,   Instagram, Tweeter, LinkedIn**
- ✔ **Creating videos for youtube**
- ✔ **Search Engine Optimization**
- ✔ **Social Media Marketing optimization and   running ads**
- ✔ **Google Search Engine Console**
- ✔ **Lead collection**
- ✔ **Backup Website**
- ✔ **E-mail Marketing**
- ✔ **Whatsapp Marketing**

LAPTOP CHIP LEVEL SERVICING

- ➤ Basic and Digital Electronics.
- ➤ Soldering & Desoldering Practice and Using Reworkstation.
- ➤ Assembling & Dismantling Laptops.
- ➤ Detailed Laptop Identification & Working Of: (Adaptors, Power Stages, I/O Controller, Chipsets and its functions, VRM Circuits, Memory, Processors, Clock Generator, Display Circuits & Panels.)
- ➤ Power Sequences in Laptops.
- ➤ Downloading Different IC's Data Sheets & Useful Forum & Website.
- ➤ Schematic circuit Diagram study & circuit Tracing & Detailed Repairing
- ➤ Solutions & Common Faults & Procedures for Repairing.

Welcome to CTTI Computer Education, Mangalore!

At CTTI, we are dedicated to empowering graduate students with the skills and knowledge they need to excel in the world of IT. Our comprehensive training center offers higher-end professional courses with a duration of 6 months or more, ensuring that our students receive in-depth learning to meet the demands of the rapidly evolving tech industry.

Our Unique Approach:
Remote and Offline IT Jobs Search: In today's interconnected world, we understand that both remote and offline job opportunities are essential. Our team leverages the power of Artificial Intelligence to assist our students in finding suitable job openings that align with their skillsets, preferences, and career goals. Whether you're seeking remote work or opportunities in Mangalore, we've got you covered!

Personalized Resume Preparation:
Crafting an effective resume is crucial in landing your dream job. We offer personalized resume building sessions for each student, where we emphasize highlighting their unique skills and experiences. Our expert trainers ensure that your resume stands out from the crowd and showcases your potential to prospective employers.

Mock Interviews: Interviews can be nerve-wracking, but at CTTI, we believe that practice makes perfect Our mock interview sessions simulate real-world scenarios, enabling students to gain confidence, polish their communication skills, and respond to challenging questions effectively. You'll receive constructive feedback to further improve your performance.

Self-Assessment and Improvement: Identifying areas for improvement is key to personal growth. Through self-assessment tools and expert guidance, we help students recognize their strengths and weaknesses. By understanding where they may be going wrong, they can work on enhancing their skills and becoming well-rounded IT professionals.

* CONDITIONS APPLY

Technical, Professional, and Computer-related opportunities:

Technical Opportunities:

Software Development: Creating and maintaining software applications.

Web Development: Building and managing websites and web applications.

Data Science & Analytics: Analyzing large datasets for insights.

Cloud Computing: Managing cloud-based infrastructure and services.

AI & Machine Learning: Implementing automated solutions.

Professional Opportunities:

Project Management: Leading and coordinating projects.

Business Analysis: Identifying business needs and solutions.

Digital Marketing: Promoting products through online channels.

Graphic & Web Designing: Work as Independent or in small & large MNC.

Computer-Related Opportunities:

Network Engineering: Building and managing computer networks.

Database Administration: Ensuring secure and efficient databases.

System Administration: Maintaining and troubleshooting computer systems.

IT Support & Helpdesk: Providing technical assistance to users.

Quality Assurance & Testing: Ensuring software meets quality standards.

IT Consulting: Offering expert advice on IT infrastructure.

Front Office Mangement and Accountant: Work in any small to large sales & service companies or independently as Freelancer.