

## About CRISP

CRISP is established under the Indo-German Technical Cooperation Agreement as an autonomous organization of the Dept. of Technical Education, Skill Development & Employment, Govt. of M.P.

CRISP provides technical training and consultancy services for Industry Personnel, Government Officers, Faculties of Academic & Training Institutions, Students & Jobseekers. CRISP is equipped with the state-of-the-art labs & technology, latest software, qualified, trained and experienced trainers in the relevant fields.

### Other training programmes in CS/IT :

#### AI & Data Science:

- AI & ML
- Advance Data Analytics

#### Office Management With AI:

- MS Office/Open Office
- Advanced Exce
- ITally Prime

#### Programming Languages:

- C & C ++
- Java(J2SE)
- CISCO Programming Essentials in Python

#### Networking & Cyber Security:

- CISCO IT Essentials (PCRM & Networking)
- CISCO Networking Essentials
- CISCO CCNA
- CISCO Cyber Security Essentials

#### Database Management:

- ORACLE (OCA)

#### Web Designings:

- Web Development with Python & Django

## Patron Clients of CRISP



### Contact :

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Course Co-ordinator

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## Centre for Research and Industrial Staff Performance

(Established under Indo-German Technical Co-operation)

Opp. Manas Bhawan, Shyamla Hills, Bhopal- 462002

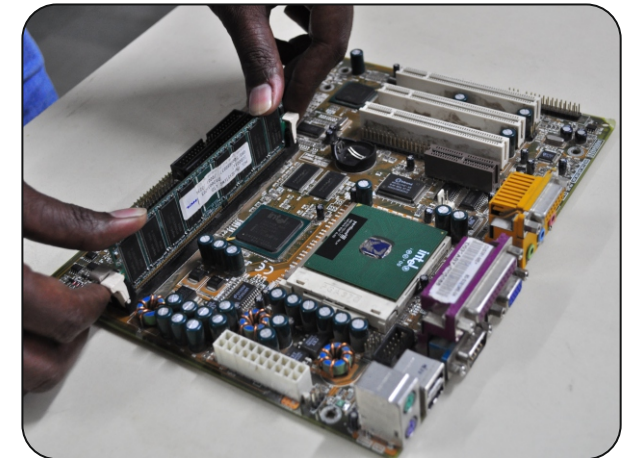
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**CRISP**  
ISO 9001 : 2008

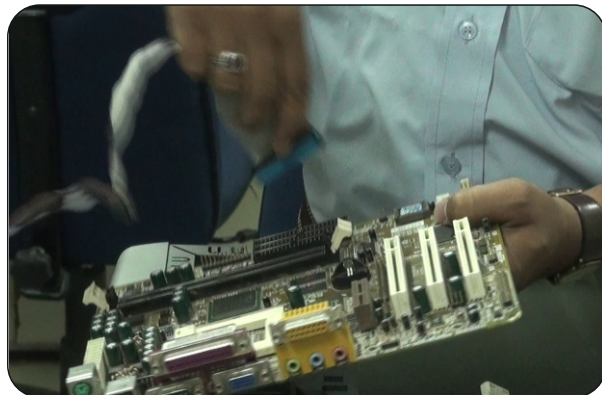
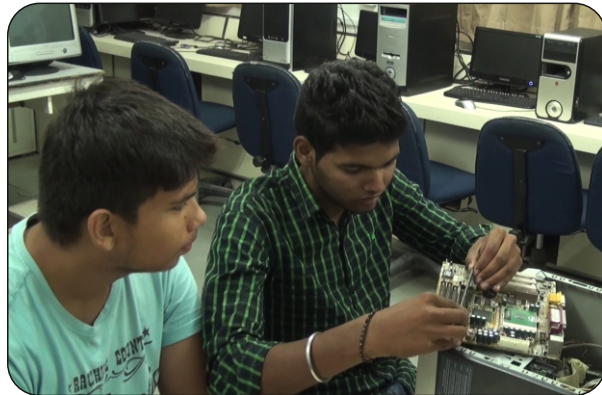
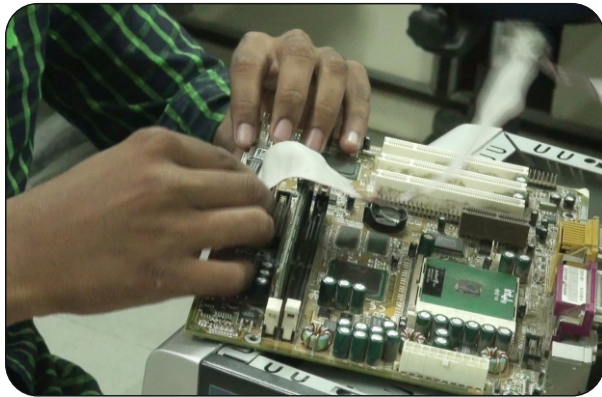
## CISCO IT ESSENTIALS (PC Hardware & Networking)



...unleashing the full potential of men & machines



## CISCO IT ESSENTIALS (PC Hardware & Networking)



### Introduction of Course

The CISCO IT Essentials course covers the fundamentals of computer and mobile devices, computer hardware and software and advanced concepts such as security, networking, and the responsibilities of an IT professional. It is designed for participants who want to pursue careers in IT and participants who want to gain practical knowledge of how a computer and mobile devices works.

Participants who complete this course will be able to describe the internal components of a computer, assemble a computer system, install an operating system, and troubleshoot using system tools and diagnostic software. Participants will also be able to connect to the Internet and share resources in a networked environment. New topics in this version include data centers, cloud computing and networked host services. Expanded topics include more mobile device software configuration, working with mobile operating systems from Android, iOS and Windows Phone and deepening in the level security-related topics.

### Course Contents

- Introduction to Personal Computer Hardware
- PC Assembly
- Advanced Computer Hardware
- Preventive Maintenance and Troubleshooting
- Networking Concepts
- Applied Networking
- Laptops and Other Mobile Devices
- Printers
- Virtualization and Cloud Computing
- Windows Installation

- Windows Configuration
- Mobile, Linux, and macOS Operating Systems
- Security
- The IT Professional

### Methodology

The programme consists of a mix of :

- Lectures and presentations
- Demonstrations
- Interactive discussions
- Hands-on practice
- Virtual software

### Pre-requisite

- Graduates or students pursuing 10+2/ Degree/Diploma/ITI in any stream
- Participant should have basic knowledge of computer operations

### Duration

**Full time :** 5 working days (7 hours/day)  
**Part time:** 8 weeks (45 working days, 2 hours/day)

### Course Fee

Corporate participant: Rs.20,000/-  
(Non Residential) + GST  
Fee will be subsidized for Jobseekers/students

### Mode of Payment

Cash / UPI/ Online/ Debit/ Credit Card