

# COURSE HIGHLIGHTS

- 5-day fundamental course in CCTV Installation Technician
- Visit Site and Understand Customer Requirement
- Install the CCTV Camera
- Setup the CCTV Surveillance System
- Coordinate with Colleagues and Co-Workers
- Networking and Cabling

## CONTACT

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## REGISTRATION



<https://forms.gle/6b5Gns7DLMb8EdX29>

<https://icampus.setgoi.ac.in>

# Short Term CERTIFICATE COURSE

## CCTV INSTALLATION TECHNICIAN

21st to 25th Oct, 2024



**DEPARTMENT OF ELECTRONICS AND  
COMMUNICATIONS ENGINEERING**

Sanaka Educational Trust's Group  
of Institutions  
Malandighi, Durgapur-713212

## About Experts:

**Mr. Mousam Halder**  
Assistant Professor, ECE Dept

**Mr. Naimul Hasan**  
Assistant Professor, ECE Dept

**Mr. Rupam Banerjee**  
Assistant Professor, ECE Dept

**Course is for**  
ITI, Diploma, and B.Tech  
Students

**Registration Fees**  
200/-

## ACCOUNT DETAILS

Name of the Account: Sanaka Educational Trust,  
Bank Name: Indusind Bank  
Branch: Upper Wood Street, Kolkata  
Account No.: 201027441418  
IFSC Code: INDB0000015



# COURSE PLAN

## Day 1:

*Visit Site and Understand Customer Requirement*

- Unit 1.1: CCTV camera installation requirement
- Unit 1.2: Different types of CCTV cameras in the market
- Unit 1.3: Preparation of field and site for camera installation, tools and equipment for installations
- Unit 1.4: Criteria for CCTV camera installation
- Unit 1.5: Precautions to be taken while handling field calls and dealing with customers

## Day 2:

Install the CCTV Camera

- Unit 2.1: Basic Electronics Involved in the Hardware, Electrical and Wiring
- Unit 2.2: Functions of electrical and mechanical parts
- Unit 2.3: Specification and the procedures
- Unit 2.4: Power requirement of different CCTV related equipment
- Unit 2.5: Safety rules and Procedures

## Day 3:

Setup the CCTV Surveillance System

- Unit 3.1: Different types of cables used for data transmission and power transmission
- Unit 3.2: Controls of different options in camera
- Unit 3.3: Video recording technologies

## Day 4:

Coordinate with Colleagues and Co-Workers

- Unit 4.1: Interact with supervisor or superior
- Unit 4.2: Coordinate with colleagues

## Day 5:

Networking and Cabling

- Unit 5.1: Basics of network topologies for IP-based CCTV
- Unit 5.2: Types of cables used in CCTV installation (coaxial, Ethernet, fiber optic)
- Unit 5.3: Cable management techniques
- Unit 5.4: Power over Ethernet (PoE) technology
- Unit 5.5: Installation of connectors (BNC, RJ45, etc.)