



DURATION
1.5 Months

BUILDING MANAGEMENT SYSTEMS

COURSE & CAREER GUIDE · 2026

Smart Home Automation

Course Details & Career Growth Guide

Install and integrate smart home, security and automation systems.

120 Training Hours

4 Modules

2 Hands-On Projects

Career Roles & Salary Ladder

Placement Support

What's Inside

INTRODUCTION

About IPCS Global & the Building Management Systems Stream	3
Industry Outlook & Where You Can Work	4

PART A — COURSE DETAILS

Program Overview, Key Facts & Eligibility	5
The Full Syllabus	6
Module-by-Module Topics	6
Tools, Projects & Assessment	7

PART B — CAREER GROWTH

Job Roles You'll Be Ready For	8
Growth Ladder & Salary Progression	9
Skills, Certifications & Upgrade Path	9

TRAINING, CERTIFICATION & PLACEMENT

How We Train, Certification & Career-Readiness	11
How IPCS Global Gets You Hired	12
Why IPCS Global & Meet Our Team	13
Frequently Asked Questions	14
Contact & How to Enrol	15

Programme Highlights

120 Hours

1.5 Months of structured, practical training

2 Projects

Hands-on work you can show employers

Certified

TÜV SÜD + IPCS Global

Placement

100% placement assistance & career-readiness

IPCS Global — Since 2008

IPCS Global began in 2008 as a specialised industrial automation training and services provider and has grown into one of India's leading technical and digital skills institutes, with 50+ branches across India and the GCC. Our Coimbatore centre in Peelamedu combines classroom teaching with hands-on labs, and every learner is coached in communication, aptitude and interview readiness alongside technical skills.

18+

YEARS

15,000+

PROFESSIONALS TRAINED

50+

BRANCHES

100%

PLACEMENT ASSISTANCE

About the Building Management Systems Stream

Every modern building runs on security, fire, access and energy systems. Our BMS programmes train you to install, commission and maintain them — from a one-week CCTV course to a full one-year diploma in building automation technology.



ISO 9001:2015 Certified

Audited, consistent training quality.



TÜV SÜD Cooperation Partner

Partner of the German testing & certification body.



NSDC Approved Partner

Approved training partner under Skill India.



Inside the IPCS Global Coimbatore training centre.

Why Building Management Systems, **Why Now**

The demand behind this programme — and the industries that hire our graduates.

1 Smart buildings everywhere

Offices, hospitals, malls, IT parks, airports and apartments now install integrated security, fire, access and energy systems that need skilled installers and engineers.

2 Safety is mandatory

Fire alarm, CCTV and access control are required by building codes and insurers, creating steady demand for installation and annual maintenance.

3 Energy efficiency drives BMS

Rising power costs and green-building norms push facilities to automate HVAC, lighting and power — the core of BMS work.

Where You Can Work

1

Facility management companies

2

Security & surveillance system integrators

3

Fire & safety contractors

4

Commercial real estate & IT parks

5

Hospitals, hotels & airports

6

HVAC & electrical contractors

Three Ways to Build Your Career

Full-Time Job

Join a company with placement support behind you — stability and structured growth.

Job + Freelance

Hold a job while taking side projects to build income and a broader portfolio.

Overseas / GCC

GCC construction and facility management is a major employer of BMS, fire alarm and security technicians from India. Experienced installers can also start their own installation and AMC business locally.

ENTRY-LEVEL COURSE

Smart Home Automation

Install and integrate smart home, security and automation systems.

1.5 Months

120 Hours

4 Modules

2 Projects

Classroom + hands-on lab

Part A • Course Details

Program Overview

A six-week practical course for installers and technicians who want to deliver smart home projects — CCTV, networking, intruder alarms, biometric access and video door phones, house wiring basics, and smart device integration.

DURATION

1.5 Months

TRAINING HOURS

120 Hours

MODULES

4 Structured Modules

MODE

Classroom + hands-on lab

BATCHES

Weekday • Weekend • Fast-track

CERTIFICATION

TÜV SÜD + IPCS Global

Who Should Join

- ✓ Electricians & installers
- ✓ ITI / diploma students
- ✓ Home-security entrepreneurs

Eligibility: ITI, diploma or equivalent field experience.

What You'll Be Able To Do

- ✓ Install CCTV and video door phones
- ✓ Set up home networks for smart devices
- ✓ Install intruder alarms and biometric locks
- ✓ Integrate smart home devices and apps

The Full Syllabus

4 modules, 120 hours.

01	Basics – Electrical & Electronics	15 Hrs
02	Building Automation & Security Systems	65 Hrs
03	Basics of House Wiring	15 Hrs
04	Home Automation & Smart Device Integration	25 Hrs

Total Training Duration

120 Hours

Module-by-Module Topics

MODULE 01

15 Hrs

Basics – Electrical & Electronics

- Basic electrical: AC/DC, wiring, safety
- Basic electronics: components & circuits
- Digital electronics fundamentals

MODULE 02

65 Hrs

Building Automation & Security Systems

- CCTV fundamentals: analog, HD & IP cameras
- Camera selection: lens, resolution, IR, placement
- DVR & NVR configuration and recording
- Cabling, PoE & power supplies
- IP addressing & subnetting basics
- Routers, switches & PoE
- Intruder alarm panels, zones & sensors
- Biometric access control: fingerprint, face, card
- Video door phones

MODULE 03

15 Hrs

Basics of House Wiring

- Wiring systems & circuits
- Switchboards & DBs
- Safety & earthing

MODULE 04

25 Hrs

Home Automation & Smart Device Integration

- Introduction to home automation
- Smart switches, plugs & sensors
- Voice assistants & apps
- Scenes & automation rules

Tools, Projects & Assessment

Tools & Technologies You'll Use

CCTV / NVR

Routers & PoE

Intruder alarm

Biometric lock

Video door phone

Smart home hubs & apps

Projects You'll Build

1 Smart home security installation

2 Home automation scene setup

How You'll Be Assessed

1

Module Assessments

Practical and theory checks at the end of each module.

2

Project Reviews

Trainer review of your mini projects and final project.

3

Certification

Issued on meeting assessment and attendance criteria.

Certification: TÜV SÜD certification + IPCS Global course certificate + Internship Certification.

Where Smart Home Automation Can Take You

Job roles, a realistic growth ladder with salary ranges, and the skills to keep growing.

■ Roles You'll Be Ready For

1

Smart Home Installer

Installs smart devices, locks and security.

2

Home Automation Technician

Configures scenes, apps and integrations.

3

Security & CCTV Technician

Installs cameras and door phones.

4

AV & Smart Home Integrator

Combines AV, lighting and automation.

5

Field Service Engineer

Supports customers after installation.

6

Self-employed Smart Home Integrator

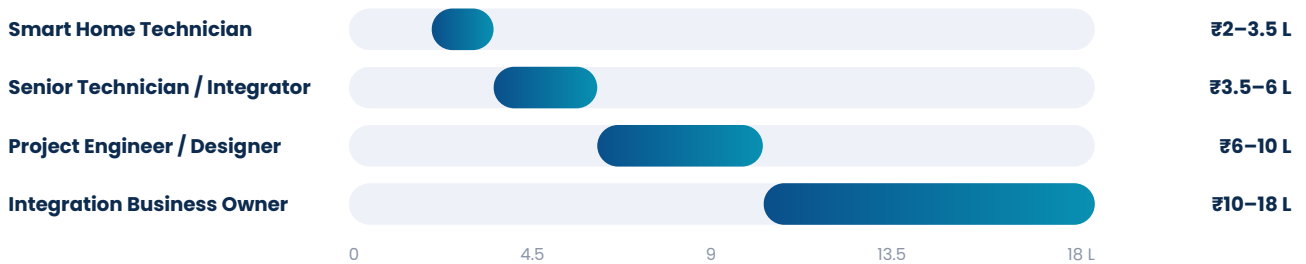
Runs an installation business.

Good to know: this course prepares you for entry-level roles. To move up faster, continue with **Certified Building Management Systems**.

■ Your Growth Ladder

STAGE 01 0–2 YRS	Smart Home Technician Install and configure devices.	₹2 – 3.5 LPA
STAGE 02 2–5 YRS	Senior Technician / Integrator Deliver full-home projects.	₹3.5 – 6 LPA
STAGE 03 5–8 YRS	Project Engineer / Designer Design premium automation projects.	₹6 – 10 LPA
STAGE 04 8+ YRS	Integration Business Owner Run a smart home integration firm.	₹10 – 18 LPA

■ Annual Salary Range (CTC) — ₹ Lakh per annum



Indicative ranges for India in 2026. Lower end: Tier-2 cities such as Coimbatore and smaller firms; upper end: metros and larger companies; GCC and overseas packages are typically higher. Guidance only, not a salary guarantee.

■ Skills to Add Next

- ✓ KNX / Zigbee / Z-Wave basics
- ✓ AV integration
- ✓ Networking & Wi-Fi design
- ✓ BMS fundamentals
- ✓ Sales & estimation

■ Certifications to Target

- ✓ Vendor smart home certifications
- ✓ KNX Basic course
- ✓ Networking fundamentals
- ✓ BMS certification (next step)

■ Upgrade Path at IPCS Global

1 **Certified Building Management Systems**

2 **Diploma in Building Management Systems**

■ Your First 12 Months After the Course

1

Month 0–1 • Get Visible

Polish your resume and portfolio; apply through the IPCS placement cell's drives.

2

Month 1–3 • First Role

Join as a Smart Home Technician.

3

Month 3–6 • Get Certified

Earn one certification from the list above.

4

Month 6–12 • Specialise

Pick a specialisation and own a project, system or channel.

How We Train & Certify

Technical skill gets you noticed — presentation, confidence and communication get you hired. Career-readiness runs alongside the syllabus, not after it.

Our Learning Method



Your Certifications

- TÜV SÜD Certification**
 IPCS Global is a cooperation partner of TÜV SÜD, the German testing and certification body. Eligible learners receive a TÜV SÜD certificate that adds independent, international credibility to their skills.
- IPCS Global Course Certificate**
 IPCS Global is an ISO 9001:2015 certified institute and an NSDC approved training partner. Your course certificate is issued on successful completion of assessments.
- Internship Certification**
 Documents your hands-on installation and commissioning work — verifiable experience for your resume.

Career-Readiness Track



How IPCS Global Gets You Hired

Every learner goes through a structured career-readiness track alongside the course, supported by our dedicated placement cell.

1

Dedicated Placement Cell

Interview drives, industry referrals and follow-up until you are placed – not just until the course ends.

2

Resume & Portfolio

One-on-one sessions to build a recruiter-ready resume and a project portfolio that proves your skills.

3

Aptitude & GD Training

Quantitative, logical and verbal aptitude plus group discussion practice.

4

Mock Interviews

Simulated technical and HR panels so the first real interview never feels like the first.

Recent IPCS Coimbatore Placements



A selection of recent placements across IPCS Global Coimbatore programmes.

Global opportunity: GCC construction and facility management is a major employer of BMS, fire alarm and security technicians from India. Experienced installers can also start their own installation and AMC business locally.

Why IPCS Global



18+ Years of Training Excellence

A track record since 2008, refined across 15,000+ professionals trained.



ISO 9001:2015 Certified

Audited, consistent training quality — every batch, every time.



Recognised Partnerships

TÜV SÜD cooperation partner and NSDC approved training partner.



Dedicated Placement Cell

Industry tie-ups, interview drives and follow-up until you are placed.



Real Labs, Real Projects

Industry-grade equipment and live projects — proof of work, not just a certificate.



50+ Branches, One Standard

Across India and the GCC, with weekday, weekend and fast-track batches.

Meet Our Coimbatore Team



Trainers, mentors, counsellors and placement coordinators at IPCS Global Coimbatore — working with every learner from the first class to final placement.

Frequently Asked Questions

Quick answers to the questions learners and parents ask us most. For anything else, call or visit the Coimbatore branch.

Q. Do I need prior experience to join?

Most programmes start from the fundamentals. Each programme lists its eligibility — our counsellors will confirm the right starting point for your background.

Q. Are classes held online or in the classroom?

Classroom + hands-on lab. Talk to our counsellors about the best option for your programme.

Q. What batch timings are available?

We run weekday, weekend and fast-track batches, so students and working professionals can both find a schedule that fits.

Q. Is placement guaranteed?

We provide 100% placement assistance — resume building, aptitude and GD training, mock interviews and interview drives through our dedicated placement cell. Final selection depends on each learner's performance, attendance and interview results.

Q. What certificate will I receive?

TÜV SÜD certification + IPCS Global course certificate + Internship Certification.

Q. Can I attend a class before enrolling?

Yes. Book a free demo session to meet the trainers, see the labs and experience a live class before you decide.

Q. What are the course fees?

Fees depend on the programme and batch type. Please contact the Coimbatore branch for the current fee structure and any available offers.

Q. Can working professionals join?

Yes. Weekend and fast-track batches are designed for people who are working or studying alongside the course.

LET'S START THE CONVERSATION

Your Career in **Building Management Systems** Starts Here

Book a free demo class, meet the trainers and see the labs — our counsellors will help you pick the right programme and batch.

Visit Us

Address #12, 2nd Floor, Swathi Towers,
Sowripalayam –
Masakalipalayam Road, Opp.
GRG Matriculation School,
Periyar Nagar, Peelamedu,
Coimbatore, Tamil Nadu –
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Get In Touch

Phone +91 80860 96664
Email bmcbe@ipcsglobal.com
Web www.ipcsglobal.com
Batches Weekday · Weekend · Fast-track

Book Your Free Demo Session Today

Walk in, call or write to us — meet the trainers, see the labs, and get counselling on the right course and batch before you enrol.

How to Enrol

1

Contact Us

Call, WhatsApp or walk in to our Peelamedu centre.

2

Free Demo

Attend a live class and see the labs.

3

Choose a Batch

Weekday, weekend or fast-track.

4

Enrol & Start

Simple, guided enrolment.