

**5-Days Training Course on
ISA/IEC 62443 Cybersecurity Certification: Part-A
(Certificates-1: IC32 and Certificate-2: IC33)
27th to 31st January 2020 at Bangalore, India**

The only ISA/IEC 62443 Training in India with official ISA Global Certification Training

The International Society of Automation (ISA) Bangalore Section is pleased to organize (1st time in Bangalore-India) a globally recognized “ISA/IEC 62443 Cyber-security Certificate Programs” training course (Courtesy: Support from ISA-D14 & ISA-Europe) with professional experienced expert trainers from ISA-Europe.

About ISA/IEC 62443 Cybersecurity Certificate Program:

Globally recognized ISA/IEC 62443 Cybersecurity Certificate Program consists of 4 certificates.

Certificate-1: ISA/IEC 62443 Cybersecurity Fundamentals Specialist (Module-IC32)

Certificate-2: ISA/IEC 62443 Cybersecurity Risk Assessment Specialist (Module-IC33)

Certificate-3: ISA/IEC 62443 Cybersecurity Design Specialist (Module-IC34)

Certificate-4: ISA/IEC 62443 Cybersecurity Maintenance Specialist (Module-IC37)

ISA/IEC 62443 Cybersecurity Expert: Individual who achieves certificates 1, 2, 3 & 4 are designated as ISA/IEC 62443 Cybersecurity Expert.

To know more about ISA/IEC 62443 Cyber Security certificate programs, please visit -- <https://www.isa.org/training-and-certifications/isa-certification/isa99iec-62443/isa99iec-62443-cybersecurity-certificate-programs/>

ISA Bangalore Section is organizing this 5-days ISA/IEC 62443 Cybersecurity certificate class-room course (Part-A) covering Certificate-1 (IC32) & Certificate-1 (IC33) as described below:

Part A.1: ISA/IEC 62443 Cybersecurity Fundamentals Specialist (IC32)

2-days classroom course on Using ISA/IEC 62443 Standards to Secure Industrial Control Systems.

The move to using open standards such as Ethernet, TCP/IP, and web technologies in supervisory control and data acquisition (SCADA) and process control networks has begun to expose these systems to the same cyberattacks that have wreaked so much havoc on corporate information systems.

With the introduction of the new UK HSE Operational Guidance OG-0086, the need to understand the fundamentals of control system security has never been more important. This course provides a detailed look at how the ISA/IEC62443 standards can be used to protect your critical control systems.

It also explores the procedural and technical differences between the security for traditional IT environments and those solutions appropriate for SCADA or plant floor environments.

Part A.2: ISA/IEC 62443 Cybersecurity Risk Assessment Specialist (IC33)

3-days classroom course on ISA/IEC 62443 Standards on Assessing the Cybersecurity of Existing or New IACS i.e. Industrial Automation & Control Systems (IC-33)

The first phase in the IACS Cybersecurity Lifecycle (defined in ISA 62443-1-1) is to identify and document IACS assets and perform a cybersecurity vulnerability and risk assessment in order to identify and understand the high-risk vulnerabilities that require mitigation. Per ISA 62443-2-1 these

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assessments need to be performed on both new (i.e. greenfield) and existing (i.e. brownfield) applications. Part of the assessment process involves developing a zone and conduit model of the system, identifying security level targets, and documenting the cybersecurity requirements into a cybersecurity requirements specification (CRS).

DATES & TIME

27th to 31st January 2020
9:00AM to 6:00PM

VENUE

At prominent hotel in Bangalore conducive for such professional training. (Exact Venue to be confirmed later).

REGISTRATION FEES:

This is highly discounted fees compared to listed courses fees offered by ISA online (or at ISA USA/Europe classrooms) and 1st time being offered in India. ISA Bangalore provides the following 3 registration-fees options:

For ISA Members:

Option-0: (Not-recommended) ₹ 1,50,000/-* (Covers both trainings Only but NO exam-fees).

Option-1 (Default): ₹ 1,65,000/-* (Covers both trainings + Only Certificate-1 exam-fees)

Option-2: (Recommended) ₹ 1,80,000/-* (Covers both trainings + both Certificate exam-fees)

***Notes:** 1) For Non-members: ₹ 5000 Extra for ISA Non-members

(However, ISA Non-members can avail member-discounted fees by becoming ISA-members online paying 65 US\$ as discounted membership fees for India. Visit - <https://www.isa.org/membership/join-isa/>.

- 2) 18% GST will be extra on the applicable (ISA member OR non-member fees) registration fees.
- 3) Registration Fees includes Course Materials-Kits, Refreshments-Lunch during Training, Participation Certificate from ISA-Bangalore Section, Exam-fees (based on selected option)
- 4) Please inform your option, while registering for the course.
- 5) Registration Fees excludes the accommodation, travel & logistics charges which is to be borne by the participants / sponsoring company. However, ISA-Bangalore can help in arranging suitable accommodation, if required and requested by the participant.
- 6) Candidates must successfully complete the course & pass the exam at Prometric Center to receive their certificate(s). Based on the option chosen, registration for Certificate-1 and Certificate-2 examinations will be done via ISA-Europe.

Terms: - Maximum class size is only 18. Registrations will be on first come first serve basis. However, additional registrants can be wait-listed to be considered for the next batch of the same course. Registration will be considered as confirmed after the payment of applicable registration-fees + taxes. ISA Bangalore Section will send final confirmation email to the registered and confirmed candidates. The payment to be made either online via NEFT/RTGS/IMPS or vide cheque/DD. Bank given below.

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About the Certificate Examination:

ISA99/IEC 62443 Cybersecurity Certificate Program [link for more details on program](#)

ISA99/IEC 62443 Cybersecurity certificates are awarded to those who successfully complete a designated training program and pass a 75-question multiple choice exam offered through the Prometric testing centres. The certificate program is optional and is not required for class participation. However, completion of the IC32 class is mandatory to appear in the certificate exam.

All certificate program exams are administered electronically through Prometric testing centres. Please visit <http://www.prometric.com/isa> to determine what locations are close to you. Certificate program applicants must successfully complete the required course prior to taking the certificate exam. Applicants will be emailed eligibility codes to register for the exam. The certificate exam must be taken within six months of the last day of the certificate program course. If a certificate program applicant fails the exam, he may re-test one time within the initial six-month testing window. If an applicant does not pass the exam within the six-month window of the course and would like to receive the certificate, the applicant must register for the course and exam again and re-take both.

Registration Fees Payment: Registration Fees applicable as per selected option along with applicable Taxes (18% GST) is to be paid to ISA BANGALORE SECTION preferably via online NEFT/RTGS/IMPS or vide cheque/DD. The bank account details are furnished below.

Payment to be made either by a crossed cheque in favour of: "ISA Bangalore Section" to be sent to the administrative officer or by NEFT to the bank account as detailed hereunder, with communication of details to the administrative officer.

Mr. **Murali**, Administrative Officer
ISA Bangalore Section
C/o: Modelicon Infotech
#174, 19th Mian Rd, HSR Layout,
Bengaluru - 560 102

Ph: +91 98449 00930
admin@isabangalore.org.in

Bank Details:

A/c Name: ISA Bangalore Section
Account No: 0472101034155
Bank: Canara Bank, HSR Layout Branch
IFSC Code: CNRB0002673

Registration shall be confirmed upon receipt of payment by "ISA Bangalore Section"

For details on Training, please contact:

Dr. **Jayesh Barve**, President
Ph: +91 99047 33304
barve.jayesh@gmail.com

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ISA Bangalore Section details for PO/Invoice/Payment Process:

NAME (AS PER BANK ACCOUNT)	ISA BANGALORE SECTION
ACCOUNT NUMBER	0472101034155
E-MAIL-ID	admin@isabangalore.org.in
ACCOUNT TYPE	Savings Bank Account
MICR CODE	560015121
IFSC CODE	CNRB0002673
BANK NAME	CANARA BANK
BRANCH NAME	HSR LAYOUT BANGALORE BRANCH
BANK ADDRESS	HSR Layout Bangalore (INDIA) Branch Avani Acade, No. L-1135 Ground Floor, 17th cross, 80 ft. Road, Sector-7, HSR Layout, Bangalore -560 102 (INDIA)
PAN NO	AAATI4256Q
GSTIN NO.	29AAATI4256Q1Z0 (Last digit is zero)
SUPPLIER ADDRESS	Mr S Murali, Administrative Officer ISA Bangalore Section c/o Modelicon Infotech, #174, 19th Main Road HSR Layout, Bengaluru – 560102 Phone: +91- 98449 00930 Email: admin@isabangalore.org.in

ISA Bangalore Contact:

Mr Murali, Administrative Officer, ISA Bangalore Section
Mob: +91- 98449 00930
Email: admin@isabangalore.org.in

Please send an email to Mr Murali at Email: admin@isabangalore.org.in with a copy to barve.jayesh@gmail.com indicating your selected registration option, name, organization, contact details, interests and any query.
