Setting the Standard for Automation™

JOIN @ ISA
Bangalore

The International Society of Automation

Delivering Unparalleled, Standards-Based Technical Resources to the Industrial Automation Community

Standards
Certification
Education & Training
Publishing
Conferences & Exhibits

ISA **Bangalore** Section

www.isabangalore.org.in

The International Society of Automation - ISA-Bangalore
Your Connection to the Automation Profession

ISA is a nonprofit professional association founded in 1945 to create a better world through automation. As part of its efforts to enhance technical competence of automation community to achieve operational excellence, ISA has been involved in activities, such as developing widely used global standards, books and technical articles, certifying industry professionals, and providing education and training, and provides networking and career development programs. Around 40,000 members across the globe stand to benefit from these program roll-outs. ISA is headquartered in NC, USA.

For engineers, technicians, and management engaged in industrial automation, ISA is the trusted provider of standards-based foundational technical resources, driving the advancement of individual careers and the overall profession. ISA brings the right people together to create the technologies of the future and share best practices with the next generation of automation professionals.

ISA Bangalore Section - ISA-B
ISA is geographically spread across the continents and delivers its stated programs and objectives through sections. ISA Bangalore is one such section of ISA formed at the turn of the century with current membership strength in excess of 200. The members are drawn from a wide spectrum of industries, research institutions, and engineering colleges. Members from Medium and Small-scale industries, start-ups, and freelance professionals constitute a major profile of ISAB which is headquartered in India's most happening technology city. ISAB is a leading section globally in encouraging maximum number of engineering colleges student sections vital for future of ISA with student members alone exceeding 1500 currently.

Vision, Mission & Values

- Create a better world through automation

- Advance technical competence by connecting the automation community to achieve operational excellence

- Excellence, Integrity, Diversity and Inclusion, Collaboration, Professionalism

ISA Member Benefits

- **Automation Standards**
  In excess of 150 standards has been published by ISA. ISA constantly works towards improvisations and harmonizing ISA standards with other global standards. Aside of this, RP's (recommended practices) and technical reports are part of ISA efforts. All this has facilitated those who apply engineering and technology to improve management, safety, and cybersecurity of automation and control systems used across industry and critical infrastructure. As an ISA member, you can view ISA standards online, free of charge, for your personal use.

- **Free Web Seminars**
  Enjoy unlimited, free access to a library of over 40 online pre-recorded web seminars covering today's most interesting and relevant topics

- **Technical Library**
  ISA members have access to unlimited downloads of ISA's library of over 5,500 technical papers published at ISA conferences and symposia over a period of time.

- **InTech Magazine**
  ISA members receive for free, qualified subscription to InTech, a premier magazine for automation professionals and a free subscription to InTech plus online eNews letter.

- **Technical Division Membership**
  ISA members join a network of automation professionals who share your technical interests. Members get two free division memberships, but can enroll to additional divisions at an extra cost.

- **ISA Transactions**
  ISA members enjoy free online access to current and past articles that cover contemporary advances in science, engineering, measurement, and automation.

ISA Standards

•	ANSI/	ISA-5.1	Instrumentation Symbols and Identification
•	ANSI/	ISA-12	Electrical Eqpt in Hazardous Locations
•		ISA-18	Alarm Systems
•	ANSI/	ISA-50	Compatibility of Analog Signals for Electronic Process Instruments
•		ISA-TR50	Field Bus Standards
•	ANSI/	ISA-75	Control Valves
•		ISA-82	Safety Standard for Electrical and Electronic Test, Measuring, Controlling
•	ANSI/	ISA-61511	Functional Safety - Safety Instrumented Systems - SIS for Process Industry
•	ANSI/	ISA-88	Batch Control
•	ANSI/	ISA-95	Enterprise Control System Integration
•	ANSI/	ISA-100	Wireless Systems for Industrial Automation: Process Control
•	ANSI/	ISA-101	HMIs for Process Control
•	ANSI/	ISA-60079	Explosive Atmospheres
•	ANSI/	ISA-62443	Security for Industrial Automation and Control Systems

ISA Technical Divisions
Network with other automation professionals. Join today!

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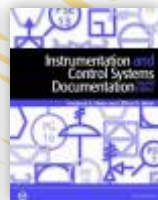
Automation & Technology Department
- Analysis Div - (AD)
- Automatic Controls & Robotics Div - (ACARD)
- Communications Div - (COMDIV)
- Automation Project Management and Delivery Div - (APMDD)
- Process Measurement & Control Div - (PMCD)
- Safety & Security Div - (SAFE)
- Test Measurement Div - (TMD)

Industries & Sciences Department
- Building Automation Systems Div - (BASDIV)
- Chemical & Petroleum Industries Div - (CHEMPID)
- Construction & Design Div - (CONDES)
- Education Div - (EDD)
- Food & Pharmaceutical Industries Div - (FPID)
- Mining & Metals Industries Div - (M&M)
- Power Industry Div - (POWID)
- Pulp & Paper Industry Div - (PUPID)
- Water & Wastewater Industries Div - (WWID)

Technical Interest Group (TIG) Participation
- Leak Detection and Repair Technical Interest Group - (LDAR TIG)

ISA-B Trainings

- Basics of Modern Industrial Automation
- Basics of Field Bus Technology
- Automation in Oil & Gas
- Safety Training - ISA-84
- Safety Training ISA 61508 & 61531
- Essentials of Power Systems
- Cyber Security Boot Camp
- Safety Training - ISA 61511

ISA-B Annual Events - Exhibitions

Professional Development Resources

- **Leadership Opportunities**
  ISA provides members, opportunity to develop leadership skills facilitating participation in ISA's free online Leadership Development Certificate Program and by volunteering at section and division events

- **Training Discounts**
  ISA members may take advantage of special member discounts on training conducted by ISA-Bangalore Section as well as those conducted by ISA HQ.

- **Product Discounts**
  ISA members are entitled for discounts on ISA books, logo items, etc. more at www.isa.org

- **Event Registration Discounts**
  ISA members are entitled to claim the member discount while registering for ISA symposia and conferences held globally and by ISA Bangalore Section.

- **Certification**
  The broader automation fraternity and society recognises professional certification programs offered by ISA such as Certified Automation Professional® (CAP®) and Certified Control Systems Technician® (CCST®) programs. ISA members may claim application fee discounts.

- **Mentoring Program**
  As members, ISA connects online and facilitates learning from, experienced professionals and practitioners as also encourages members to offer mentorship to other members.

Networking Opportunities

- **Conferences, Exhibitions, and Symposia**
  Come face-to-face with fellow ISA practitioners as you learn, share, and network. Claim your registration discounts

- **ISA Member Directory**
  Find and network with other ISA professionals with this online resource

- **Opportunity in ISA Student Sections**
  Members get a chance to participate and contribute to student sections activities of technical sessions and related activities

- **Membership in ISA Bangalore Social Media Groups**
  Join ISA Bangalore LinkedIn group and WhatsApp group to network with members from industry and academia, share technical articles, find out job opportunities, get expert advice to resolve technical issues faced. Keep abreast of new developments and industry trends happening at the global level from experts

ISA Certifications

All Certifications are provided by ISA- HQ, USA. ISA-Bangalore offers participation certificates for training, and prepares one to take cartification programs

Bangalore
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AUTOMATION FEDERATION

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