



International Society of Automation
Setting the Standard for Automation™



International Society of Automation
Pune Section

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H.S Pansare - President
Gurmeet Anand - Secretary



Dear ISA Members and Automation Professionals,

It gives me great pleasure to connect with you again in this Newsletter!



ISA Pune Section has been going great guns and I am happy to share with you some of the exciting things we have been through, and are looking forward to!

Our Section Membership is growing at a fast pace and we touched a milestone of 150 Professional members this quarter. I am thankful to all members who renewed their memberships and welcome the new members, who I assure, will experience a lot of benefits from joining our automation fraternity.

I have been privileged to be honored with ISA's Section Leader Excellence Award, which is really for our entire Board and Section who supported me and participated in Section activities so enthusiastically. We had an amazing "**Automation Pro Day**" Celebration in April, and are looking forward to hosting President **Mr. Carlos Mandolesi**, this August, and have lined up many Tech-Talks and other events too.

Happy to see our senior member & DVP, **Mrs.Sujata Tilak** elected as a ISA Board Member for 2023. ISA's Scholarship Awards have been bagged by no less that NINE students from our Section, the highest in any other section globally, and I heartily congratulate them, and exhort the others to follow in their footsteps! A big thanks to the FAs and Student Section Coordinators who oversaw this with their guidance.

It has been gratifying to see a lot of Student Section Members becoming Professional Members of ISA after their graduation and I think all of you should take this opportunity of a free professional membership for the first year, and see for yourself the leg-up you get from ISA's vast resources and association with senior industry professionals and business owners.

Our ISA/IEC 62443 Cybersecurity Training Course is now recognized by Industry professionals as the preferred certified, non-biased, based-on-Standards course, we have 2 such course coming up this year, in September and December, more about them in this Newsletter.

Regards,

H.S. Pansare

President - ISA Pune Section.

TO CONDUCT 90 MINUTES SPONSORED WEBINAR @ RS.15000 + GST



Welcome to India

PRESIDENT - ISA INTERNATIONAL

CARLOS MANDOLESI

ISA Pune section welcomes Mr. Carlos and wish him a great journey and memorable moments at INDIA.

Carlos Mandolesi is an Electrical Engineer, graduating from the Federal University of Itajubá (UNIFEI) in 1992 and post-graduated in Business Management from the University São Francisco in 2006. He has a career of over 25 years in the field of industrial automation and industrial networks, having worked in companies like General Electric (GE) and Sigma Automation. Carlos currently serves as Project Portfolio Manager at Trinity College Dublin in Ireland. Carlos is the President for the 2021-2022 term of the International Society of Automation (ISA).

ISA HISTORY



ISA officially was born as the Instrument Society of America on 28 April 1945, in Pittsburgh, Pennsylvania, USA. It was the brainchild of Richard Rimbach of the Instruments Publishing Company and grew out of the desire of 18 local instrument societies to form a national organization. Rimbach is recognized as the founder of ISA.

Albert F. Sperry, chairman of Panelit Corporation, became ISA's first president in 1946. In that same year, the Society held its first conference and exhibit in Pittsburgh. The first standard, RP 5.1 Instrument Flow Plan Symbols, followed in 1949, and the first journal, which eventually became today's InTech, was published in 1954.

**H.S.PANSARE****PRESIDENT - ISA PUNE SECTION
MD - LOGICON TECHNOSOLUTIONS PVT LTD****Winner of
Section Leader Excellence Award**

Heartiest Congratulations to our ISA Pune Section President Mr. H.S. Pansare for being awarded the Section Leader Excellence Award for this year! Way to go H. S. Pansare and we are privileged to have you lead us for the last two years! You have done the Section proud on so many fronts, including Leadership, Membership, Events & Conferences, and Section growth on all health metrics.

Founder & Managing Director with 38 years of experience in Control & Automation, Proven Leader in Design, Development, Delivery & Organizational Development. First Generation Entrepreneur, Provides Organizational & Financial Leadership.

Section Leader Excellence Award which recognizes an ISA Section leader for development and/or execution of programs and/or services to advance the mission of the Society. Congratulations on your achievement!

Be part of ISA Pune

- Use ISA Connect, Whatsapp group, Network, Update your profile & Earn your Badges
- Subscribe to your interested ISA DIVISION
- Attend all Tech Talk shows, Webinars, Evnts & Conferences
- Paricipate in Monthly Meeting
- Volunteer to Working Committee
- Access technical library of ISA
- Interact with Student sections & ISA Affiliated Colleges
- Enrol to relavant Certification courses
- Take part in election, surveys & community / division queries
- Refer a member & help the society
- Contribute articles, contents & advertiste in ISA Newsletter



ABOUT ISA

The International Society of Automation (www.isa.org) is a nonprofit professional association that sets the standard for those who apply engineering and technology to improve the management, safety, and cybersecurity of modern automation and control systems used across industry and critical infrastructure. Founded in 1945, ISA develops widely used global standards; certifies industry professionals; provides education and training; publishes books and technical articles; hosts conferences and exhibits; and provides networking and career development programs for its 40,000 members and 400,000 customers around the world.

PUNE SECTION

Our section started in the year 1998 with 35 members, today ISA Pune Section is one of the 12 active sections under the Asia Pacific District of ISA. It has more than 150 active members from various segments of the Automation and Instrumentation Industry and the Academia. It undertakes several initiatives for the Process and the Manufacturing Industries to keep them abreast of latest trends in Automation Technologies.

TECH TALK

ISA Pune section conducts regular Tech Talk, Webinar & Conference covering diversified topics of Industries. The members, Industrial & Student community has been quite actively participating as both beneficiaries & presenters. ISA Provides the platform for OEMs, Manufacturers & System integrators to showcase their products, innovations in automation solutions via sponsored tech talk.

Recent events :

- Embedded Safety & Security Summit - 15 June'22
- All you need to know about OT Security - 24 June'22 - by **Mr. Amit Musale**
- Data & AI Application in Pharma Industry" - 30 July'22 - by **Mr. Santosh Pawaskar**

Upcoming events :

- Interaction meeting with Mr. Carlos - 19 Aug'22
- A conference on "Smart Measure and Test 4.0: An Imperative" - 25 & 26th August'22
- Industrial visit to MCCIA MECF - 1st week September

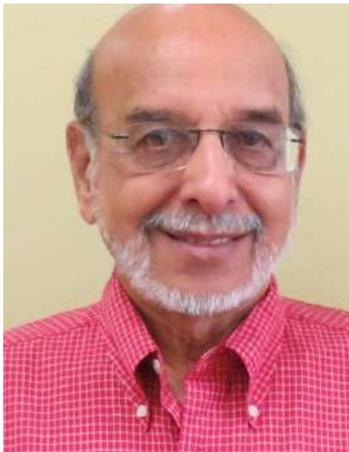
FULL PAGE ADVERTISEMENT FOR ISA MEMBERS EXCLUSIVELY @ RS.5000 + GST

ISA MEMBERSHIP

ISA Pune section growing rapidly with the dynamic leadership team, helping members utilise the platform in all possible ways. We welcome all the new members to one of the leading vibrant section of ISA, PUNE.

ISA Offers the ocean of knowledge & up to date technological trend covering wide base of industries & process. Joining ISA you become part of the global community, through ISA Portals, Section & Divisions of your domain.

MEMBER'S TESTIMONIAL



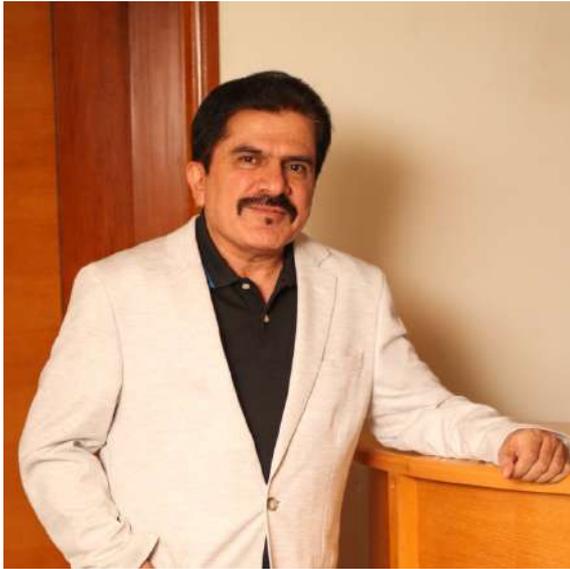
I became member of ISA in 1976 and was President Maharashtra section and later initiated Pune Section as they were called then. The ISA in India grew and I too in my Instrumentation journey. Now a life member of ISA. It is a great delight to see today Pune Chapter worldwide recognised.

Vishwas Kale - ISA Senior Life member
Managing Director - Vijayesh Instruments

Became ISA Bangalore Section Member in 2014 & subsequent moved my Membership to Pune in 2022, being my home city. Since then acting as Membership Chair. With due support of everyone, have reached membership count to 150. ISA gives me great amount of Networking opportunities, Technical Agility which helps me to remain relevant. Enjoying being part of Section Leadership Team & will continue to strive for better working of Section.

Ajit Chigteri - Membership Chair - ISA Pune





As Section Division Liaison chair from Pune Section I would like to contribute some details every issue of Newsletter. The first edition of the contribution here I bring the details of the various Divisions in ISA where each member can register for all divisions as member at no cost & some details of the focused division activity by me on behalf of Pune Section ie CHEMPID division.

Food and Pharma Industry Division:

The Food and Pharmaceutical Industries Division (also known as FPID) is organized within the Industry and Sciences Department of ISA. The Food and Pharmaceutical Industries Division is the Division for sharing and understanding the latest technology for sensor, instrument, equipment, automation, computer-system, and software application for the Consumer Packaged Goods (CPG) and Pharmaceutical Supply Chains.

FPID is dedicated to helping our members grow professionally and technically through the development of and the sharing of useful and relevant technical content, by supporting automation standards development related to the regulated industries, and by providing a forum for networking and collaboration. FPID represents a membership with a deep knowledge of design, engineering, systems and networks, software, process automation, validation, quality, research, and scientific professionalism. We hope you will join us to add your expertise to topics in CPG product manufacturing and packaging, food products and derivatives, pharmaceutical R & D, clinical trials, and manufacturing of API's, tablet formulations, parenterals and biotech products.

Become involved in helping ISA provide global leadership at the FDA in the USA and other international regulatory bodies. In this capacity, you can provide valuable knowledge and input on cutting edge and disruptive technologies regarding instrumentation, analysis automation, equipment and system validation, and testing for regulatory compliance. Join us if you want to learn, contribute, network, and help build the Division to create a better world through automation.

Happy reading !

Dileep Miskin

Section Division - Liaison Chair - ISA Pune Section

DIVISION COVERAGE :

1	Aerospace & TMD
2	Analysis Division
3	ACARD
4	Automation Project Mgt & Delivery Division
5	Building Automation Systems Division
6	CHEMPID
7	Construction & Design Division
8	Education and Research Division
9	Food and Pharma Industry Division
10	Mining and Metals
11	PMCD- Process Meas. & Control
12	POWER INDUSTRY
13	Pulp and Paper Industry Division
14	Safety and Security
15	Smart Manufacturing and IIOT
16	Water and Waste Water Division

ISA PUNE Student section wins scholarship of 28000 US\$

ISA Educational Foundation Scholarships are awarded to college or university students who demonstrate outstanding potential for long-range contribution to the fields of automation and control. The scholarship awards support tuition and related expenses and research activities and initiatives. ISA awards scholarships from both the Educational Foundation Scholarship fund and funds provided through endowments of generous gifts from supporters. Amounts awarded vary.

- Indrajya Amarsinh Patil
- Parth Hasabnis
- Yutika Chougule
- Anway Shirgaonkar
- Swapnil Mane
- Shalaka Deo
- Soham Sachin Bhure
- Rohit Gavali
- Aniruddha Atre

Congratulations



ISA Pune Student wings available in the following colleges :

1. VIT, Pune - Dr. P. M. Kanjalkar
2. Cummins College of Engineering, Pune - Dr. Swati Madhe
3. College of Engineering, Pune - Prof. Nikhila Patil
4. AISSMS IOIT, Pune - Dr. Vandana Kale
5. MIT, Alandi - Prof. Shilpa Rudrawar
6. D.Y.Patil College of Engineering, - Pimpri Dr. Arun Sonar

Students becoming ISA members are entitled to get following benefits :

1. Interaction with company experts
2. Upgradation of technical knowledge through InTech Digest, ISA portal, Expert talks, Conferences, Exhibitions etc.
3. Internship / training in companies
4. Building of leadership qualities by organising various events under ISA
5. Graduating students are entitled to a free one year professional ISA membership

Dr Swati Madhe
ISA Student Section Liaison



Dear all

My journey in ISA has been most gratifying. I joined pretty late as an ISA member, as recently as 2016, when I went to Mumbai to attend ISAM's meet, and joined ISA thereafter. I was quite inactive for the first couple of years, until mentors from ISA Pune encouraged me to take up an active role.

My personal and professional growth has been good due to my association with ISA, having met here quite a few peers, mentors and business contacts. I took up a Programme Chair post in 2019, when we organised the Process Conference, then was Section Treasurer for two years, before taking up Secretary position this year and am the President-Elect for 2023-24.

There is obviously a busy schedule for me as Founder-CEO of Hemkund Automation, and a lot of voluntary work is there in ISA, but I always believe that if you take up something, you must and can find a way to, as Nike says, **DO IT!** ISA prides itself at nurturing future leaders and we look forward to at least 20% new faces every year in responsible positions; and this is where I look forward to working closely with you all.



Gurmeet S. Anand

Secretary - ISA Pune Section
President Elect 2023-24
CEO - Hemkund Automation LLP

For Feedback, Queries, Ad Space,
Articles, Events & Sponsoring .,
isa.punesection@gmail.com

FOR ADVERTISEMENT & EDITORIAL CONTENT ON NEXT EDITION: 9739413400



It gives me an immense pleasure to collectively summarise some of the greatest work done by ISA Pune section in a form of simple newsletter.

As Newsletter chair, i propose our Pune section members to actively engage with our community peers, stay updated in the industry, get along & help our section grow. We are open to ideas, improve the participation across Events, Programs, Tech Talk, Monthly meeting, Industrial visit, Meet & Greet, Article writeups & Commercial advertisements.

Vijay Karthik

Newsletter Chair
Director - Espoir Electric Co

FULL PAGE ADVERTISEMENT FOR ISA MEMBERS EXCLUSIVELY @ 5000 + GST



International Society of Automation
Pune Section

ISA Pune Section
proudly
announces



ISA/IEC62443 Cybersecurity Certificate Program

5th to 9th September, 2022

- ✓ Online training & exam
- ✓ Created and Vetted by Industry Experts
- ✓ **IC34 IN VILT**
Learning design and implementation of IACS cybersecurity
- ✓ **IC37 IN VILT**
Cybersecurity Operations and System Maintenance



ISA/IEC 62443 IACS Cybersecurity Design and Implementation (IC34 IN VILT) 5th to 6th September 2022

The second phase in the IACS Cybersecurity Lifecycle (defined in ISA 62443-1-1) focuses on the activities associated with the design and implementation of IACS cybersecurity countermeasures. This involves the selection of appropriate countermeasures based upon their security level capability and the nature of the threats and vulnerabilities identified in the Assess phase. This phase also includes cybersecurity acceptance testing of the integrated solution, to validate countermeasures are properly implemented and that the IACS has achieved the target security level.

This course will provide students with the information and skills to select and implement cybersecurity countermeasures for a new or existing IACS to achieve the target security level assigned to each IACS zone or conduit. Additionally, students will learn how to develop and execute test plans to verify that the cybersecurity of an IACS solution has properly satisfied the objectives in the cybersecurity requirements specification.

The next training course in our program is, Cybersecurity Operations and Maintenance (IC37 IN), as a part of ISA/IEC 62443 Cybersecurity Certificate Program.

IACS/IEC 62443 IACS Cybersecurity Operations and Maintenance (IC37 IN VILT) 7th to 9th September 2022

The third phase in the IACS Cybersecurity Lifecycle (defined in ISA 62443-1-1) focuses on the activities associated with the ongoing operations and maintenance of IACS cybersecurity. This involves network diagnostics and troubleshooting, security monitoring and incident response, and maintenance of cybersecurity countermeasures implemented in the Design & Implementation phase. This phase also includes security management of change, backup, and recovery procedures and periodic cybersecurity audits.

This course will provide students with the information and skills to detect and troubleshoot potential cybersecurity events as well as the skills to maintain the security level of an operating system throughout its lifecycle despite the challenges of every changing threat environment.

Candidates who successfully complete the course and pass the exam at Scantron Center will receive their certificate: "ISA/IEC 62443 Cybersecurity Design Specialist and Maintenance Specialist"

- **Eligibility:** Candidates who have attended & passed exam in IACS/IEC 62443 IC32 course
- **Organized by:** ISA Pune Section, ISA Europe & ISA District 14
- **Trainers:** Cybersecurity Expert and Certified Trainers from ISA Europe
- **Venue:** VILT (Virtual Classroom - Trainer from professional studio, and student at home)

For course structure details + fees contact Education Chair at:
Mr. Amit Musale - Tel +91-95618 15799 Email amitsmusale@gmail.com
Mr. VC Jaju - Tel: +91-93265 34007 Email: jaju.vc@gmail.com

We completed 5 years this July!

Thank
you!

for your support in
this amazing journey!

Hemkund Automation LLP was founded 5 years back by Gurmeet S. Anand with a wide and rich experience in Sales, Marketing, Product Design, Automation Projects and technology incubation. The company started out as a proprietary firm and was recently incorporated as Hemkund Automation LLP.

We manufacture Process Measurement & Control Instruments, Industrial Large Displays, Scrolling and Video Walls and undertake Industrial Automation Projects including SCADA, PLC & Industry 4.0 implementations

Measurement & Control

- Temperature sensors & transmitters PESO approval
- Transmitters for Flow, Level, RH, Oxygen, Dewpoint, Vibration, PH/conductivity etc.
- Programmable on-off & PID Controllers
- Data Loggers & Paperless Recorders
- Signal Isolators-Repeaters, Converters
- IIoT field interfaces (sensors, multiplexors, gateways)
- Electropneumatic Converters Marsh-Bellofram



Industrial Large Displays & Video Walls

- Displays in 2"(50mm) to 12"(100mm) LED sizes
- Analog inputs 0-10V/4-20mA, RTDs, Thermocouples
- Optional alarms, retransmission & communication
- Slave Displays with serial, TCP-IP and Profibus DP
- Counters, Target Scoreboards, Timers, Clocks,
- Scrolling displays, LED Video Walls & monitors
- Process, Safety, Utility, Production, Andon boards

Industrial Automation Projects * IIoT

- Furnace, Boiler, Dryer, Evaporator, Spray Drier etc.
- PLC, HMI-SCADA (Elipse, KingView), VFD projects
- Industries served Steel, Automotive, Chemical, Pharma, Engineering & OEMs
- Connectivity projects TCP-IP, Profibus, Modbus etc.



Some of our esteemed clients



HEMKUND
=AUTOMATION LLP=
Delivering Solutions



Hemkund Automation LLP

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sales@hemkundautomation.com



UNLEASHING THE POTENTIAL OF PRODUCTIVITY 4.0

ESPOIR Electric Co, Robotics division pune based engineering & technology company specialised in Design, Engineer and Manufacturing of SPMs for Cutting & Welding application. We offer complete technology solutions for industries across Automotive, Infrastructure, PEB, Nuclear, Defence, Material Handling, Sugar, Cement, Shipbuilding, Heavy Engineering and fabrication.

Our team is headed by professionals from the industry of welding & cutting technology, having domain expertise of over 20 years. We have in-house facility to do design, engineering, manufacturing, control and automation. We offer latest solutions based on world's leading technology in metal fabrication.

- Laser Cutting machines
- Laser Welding machines
- Laser Cladding machines
- Laser Cleaning machines
- Tube Cutting machines
- Hydraulic bending machines
- Plasma cutting machines
- Robocut SPMs
- Roboweld SPMs

Power of Fiber Laser

Upto 36000 Watts

- CUTTING TECHNOLOGY : GAS | PLASMA | LASER
- GAS : LPG | O2 | CO2 | N2 | ARGON | ACETYLENE
- MATERIAL TYPE : MS | SS | GI | AL | CU
- THICKNESS : 1mm to 100mm
- MAXIMUM JOB SIZE : 3M * 12 M
- TYPE : PLATE | PIPE | TUBE | FLAT | ANGLES
- PLASMA SOURCE : HYPER THERM | THERM CUT | LGK
- LASER SOURCE : RAYCUS | MAXPHOTON | IPG



- Industry 4.0
- AI Ready
- Smart Featured
- Made for India

SPEED & PRECISION THAT MATTERS

TRUST



PERFORMANCE



RELIABILITY



SPEED



SF3015H Full Enclosed Fiber Laser Cutter

- Save cost
- Save installation time
- Smaller footprint
- Perfect Match for a 40HQ Container

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