

2023

PROCESS AUTOMATION CONFERENCE

Driving Manufacturing Excellence through Process Automation

Conference

APRIL

Exhibition

Recognition: Honours and Awards

Celebrating Automation Professionals Day

Networking Dinner

28

Automation Professional Day

Pune section of ISA 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. Currently it has 162 active members from Automation & Instrumentation industry (manufacturing, OEMs, SIs, Consultants and Academia). ISA Pune undertakes several initiatives for the Process and the Manufacturing Industries to keep them abreast of latest trends in Automation Technologies. It has nine Student Sections from Engineering Colleges, with 300+ Student Members

- President's Message
- Past President's Message
- AGM 2023 Coverage
- 2023 ISA Pune Board Members
- Women's day special
- Cybersecurity Program IC32-33 in June '23
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- San Telequip
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- Student Section coverage
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- EC Member Talk
- Pelican Telecon Pvt Ltd
- Endress + Hauser India Pvt Ltd.

Gurmeet S Anand - President Vijay Karthik - Secretary





Gurmeet S Anand - President - ISA Pune Section

Founder CEO - HEMKUND Automation

It gives me great pleasure to share a few words with you on assuming the position of President – ISA Pune Section from 1st March 2023. First of all, I would like to place on record my heartfelt thanks to our 160+ members for your faith in me electing me President. It is indeed, a great honor and privilege to take over the reign of our fast-growing, vibrant, and happening Section of Automation Professionals, and it is with a sense of humility and anticipation that I approach this task.

I welcome my new team heartily, and it is gratifying to note that more than 50% of our Board members are first-timers! This strengthens ISA's goals of nurturing future Leaders and proves that there are active members eager to volunteer to take up responsibilities.



My journey with ISA is a short, but rewarding one. I joined ISA in 2016 after an ISA event, where I benefitted from the technical content, as well as the networking opportunities as I met potential clients there, that converted into long-term clients. In ISAP, I started attending meetings and joined the Core committee, assuming functions of Program, Treasurer Chair, and President-Elect/Secretary last year. In the journey, I learned quite a lot, and for this, I am thankful to the Life Members, Seniors, and Peers in our Section who guided me. ISA also helped me in connecting to ISA members as clients and vendors, finding a lot of synergy within the organization. Interacting with faculty advisors and students from colleges affiliated with ISAP was also rewarding, with a feeling of giving back to Society in part, what we have gained through our education.

I have been in Process Measurement and Control products and control systems, SCADA/MES, etc. in various roles in sales, Marketing, Project Design, and Execution before setting up my own company Hemkund Automation LLP in 2018, thereby bringing my knowledge and experience of 30+ years to entrepreneurship, and hopefully, I will share the knowledge and experience I have gained for steering ISAP during my stint. Thankfully, the world is through the worst of Covid-19 setbacks to manufacturing and business; moreover, India has handled the situation quite well, emerging as a bright spot in the world economy, with the highest GDP growth rate. Automation has become a major part of every manufacturing industry, and we are and shall be witnessing a major growth trajectory for our industry too.

We have drawn up exciting plans for ISA Pune Section this year and propose :

- Two Conferences, on Process Automation on 28th April on #AutoProDay, and our 4th IIOT conference in November
- Two upcoming Cybersecurity Certificate Training Courses as per IS:62443 in June and December
- A Tech-talk every month, on Sponsored, Technical and Management, Leadership
- · Orientation and Welcome programs for new members and ISA Connect training programs
- Industry connect and ISA Member Industry Visit initiatives
- Connecting to our 9 Student Sections by arranging expert sessions, training programs, internships, etc.

I look forward to your active engagement and cooperation from ALL of you to ensure all round, inclusive growth of our vibrant Section and uphold the ideals of ISA! If you have any suggestions, please feel free to contact me directly by a call or write me at president@isa-pune.org Your suggestions are most welcome, and will pave our way forward.

I also take this opportunity to welcome all our distinguished Guests, Keynote Speakers, Delegates, and Sponsor today, 28th April, 2023, at our Process Automation Conference themed 'Driving Manufacturing Excellence through Process automation' and I am confident there will be great learnings and takeways from this get-together for all of us! Welcome to the event, again!

I'd like to conclude with Johann Wolfgang Von Gothe's "Knowing is not enough; we must apply. Willing is not enough; we must do!"

Lord Krishna too says in Bhagwat Gita, "Karm kar, phal ki chinta mat kar': Worship your work and success shall follow.

ISAP, LET'S DO IT TOGETHER!

Best Regards, **Gurmeet S. Anand**President – ISA Pune Section



H.S. Pansare - Past President - ISA Pune Section. Managing Director - LOGICON Technosolutions Pvt Ltd



Dear Pune Section Members & Automation Professionals,

As my term as President comes to an end, I want to thank the Pune Section members for the opportunity to serve in this capacity. It has been a valuable experience both personally and professionally. ISA is a well-respected and highly-regarded society, and it has been such an honor just to be a part of a leadership team that continues to strive to be on the cutting edge of the profession. ISA's reputation is enhanced by the many automation professionals who contribute their time and expertise to advancing the association and the industry. I have been fortunate to have worked closely with the professional, board, and committee members, and appreciate all they've done for ISA during my term. The ISA Pune Section's accomplishments over the past two years have been impressive, and it was truly a team effort. There have been so many noteworthy moments, as President I write this last message; we look forward to some accomplishments like:

- Membership count grew by almost 3 times in the last two years from 56 to 153.
- Pune section received the Mustard Challenge award for both years.
- Pune section health metrics was 90% which was the highest worldwide.
- In the last 2 years, 5 student sections were added to the Pune section
- Student membership grew 2.5 times from 138 to 332.

I got an opportunity to visit personally 6/7 colleges and attended various programs of these Student Sections. ISA Pune section even celebrated the first time 'Automation Professional Day' in a grand style in a luxury hotel where many sponsors took an active role. 200+ engineering professionals attended this event and it was also recognized by ISA HQ. Mr. Carlos Mandolesi, President of ISA visited Pune Section to meet our members during last year. ISA Pune Section introduced Honours & Awards during this event & all Life Members of the Pune Section were felicitated along with other members whose performance was extraordinary during the year. This event was executed well with the help of board members & student members and it was a grand success. This event was highlighted by Social Media worldwide and Local News Media in & around Pune due to which membership growth was substantially increased.

Pune Section followers have gone up from 200 to 2000 plus followers on LinkedIn & ISA Pune Section is very active on social media platforms and bringing young, new members on the board from large corporations. Over the last year, we had two Cybersecurity Certificate Training online courses as per IS_62443 that were held for IC-32 + IC-33 & IC-34 + IC-37 & 53 professionals attended paid ISA cybersecurity training and received certification. The section was conducting monthly tech talks, and board meetings and even started a quarterly newsletter.

There are so many activities & events planned for 2023 and beyond. I look forward to continuing to support the Pune Section leadership and in particular our incoming President Mr. Gurmeet Anand as he continues to drive the future path. Mr. Gurmeet has served on the ISA Board for a long, and his active participation, commitment & passion have made him an outstanding leader. All the Best to New President for the new year. I will continue to engage with new members and support the new board committee to grow our section further.

Again, thank you to the Pune Section membership for allowing me the opportunity to serve, I walk away with memories and friendships that I will forever cherish.

Remember to stimulate the mind and enhance your environment!

H.S.Pansare
Past President of ISA Pune Section
Managing Director of Logicon Technosolutions Pvt.Ltd., Pune



ISA Pune Section's AGM on 19th Feb, 2023 and constitutaion of New Board for 2023-24































EVENTS

ISA PUNE SECTION NEW EC MEMBERS 2023

Position	Name
President*	Gurmeet Anand
Secretary	Vijay Karthik
Treasurer*	Ajay Narula
Past President	H.S. Pansare
Program Chair	Anand Swami
Membership Chair	Vinod Joshi
Society Delegate	Sujata Tilak
Student Section Liaison Chair	Dr. Swati Madhe
Section-Division Liaison Chair	Dileep Miskin
Webmaster /Connect Chair	Shridhar Kulkarni
Scholarship Chair	Arun Limgaonkar (Sonar)
Marketing Chair	Ajit Chigteri
Education/Training Chair	Sandeep Kulkarni
Young Professionals Chair	Anuja Khilare
Honors & Awards Chair	Waman Sanap
Newsletter Chair	Rajalakshmi Hegde
Board Member (support Honors & Award)	Vikas Anwekar
Board Member (support Education Chair)	Vijay Jaju
Board Member (support Student Liaison)	Mrs. Vandana Kale
Board member (support Student Liaison)	Dr. Bhausaheb Musmade
Board member (support YP Chair)	Amey Deshpande
Board member	Karam Rehani
Board member	Satish Pathak
Board member	Hitendra Uppal
Board member	Uday Banerjee

MR. H.S. PANSARE Logicon Technosolutions Pvt Ltd



Our outgoing president Mr. H.S.Pansare has been recognized with the prestigious **MCCIA Late KIRAN NATU** Udyojakta Puraskar award for First Generation successful entrepreneur award.

For Feedback, Queries, Ad Space, Articles, Events & Sponsoring ., info@isa-pune.org

PROCESS AUTOMATION CONFERENCE - 2023

'Driving Manufacturing Excellence through Process Automation'

We thank our sponsoring partners for partnering in this event!

Platinum

Gold

Silver

Silver













CELEBRATING THE ISA PUNE SECTION WOMAN MEMBERS

WOMEN'S DAY THEME - 2023

This year the International Women's Day theme was #EmbraceEquity. A world free of bias, stereotypes and discrimination. A world that's diverse, equitable and inclusive. A world where difference is valued and celebrated.



Manasi Mahendra Jeste

Ex-Program chair ISA Student charter VIT pune

In this transforming world, it is an interesting era to work in this industry and I have never faced discrimination in my industry and that really says how far our industry has come. I would motivate all young women to pursue a career in this field without any prejudice. There sure are some areas of improvement but with the help of all the women, unitedly nothing is impossible in this world anymore. The key to the future is supporting each other. I am very proud to be a part of such elite society.



Student Section Liaison, ISA Pune Section

On this International Women's Day, we take a moment to reflect on the limited representation of women in the automation profession and the need to create more opportunities for women in this field. However, we must also recognize the immense potential and talent that women bring to the industry.

It is essential to celebrate the achievements of these female leaders and recognize that they serve as beacons of hope and inspiration for women who aspire to succeed in the automation profession. Let us work together to create a more equitable and diverse industry and celebrate the accomplishments of women in automation.



Sujata Tilak

Executive Board Member, ISA

As an automation professional, you have a huge opportunity and responsibility to make a positive difference. Don't shy away from taking on challenging tasks and also from taking credit for the work you have accomplished. At the same time, don't over-burden yourself or feel guilty about your familial responsibilities. Be comfortable with who you are!



 ${\sf Assistant\ Professor\ -\ AISSMS's\ Institute\ of\ IT}$

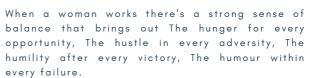
Woman is a SPECIAL creation by GOD having Passion and Compassion. Identify yourself, Find your Voice, Chase & Live your Dreams for Self & Social Empowerment.



Anuja Nagaonkar-Khilare

Young Professionals Chair - ISA Pune Section

Today's woman is no longer a dependent soul; she is Independent and self-reliant in every respect and is capable of doing everything. Being a woman myself, it really feels nice to have a special day for women too when they can be appreciated and honoured.





Shilpa Kedar Rudrawar

Assistant professor - MIT Academy of Engineering

"International Women's Day is a reminder that women's contributions to society are invaluable and should be recognized and celebrated every day. Let us continue to work towards a world where all women can live freely, with dignity and respect, and pursue their dreams without fear of discrimination or prejudice.



Rohini Jagtap

Our generation is trying to prove that women can do what men can do. Women weren't created for doing what men can do.

Women were created to do everything that men can't do!



News Letter Chair - ISA Pune Section

In today's fast-paced and dynamic world, Women leaders have learned to fast-paced overcome the ever-growing challenges that surround them. Having equality and equity is still far off. Automation as a field is still underrepresented with very few women engineers and leaders. Let us together leverage to bring the talent and potential women to the field of Automation by making the environment more inclusive & safer.



announces the next batch of

ISA/IEC62443 Cybersecurity Certificate Program

26th to 30th June 2023 (5 days)

- Online training & exam
- Created and Vetted by Industry Experts
- ✓ IC32IN: 26th and 27th June 2023 Use the ISA/IEC62443 Standards to secure your control systems
- ✓ IC33IN: 28, 29 and 30th June 2023 Assessing the Cybersecurity of New or Existing IACS Systems





Use the ISA/IEC62443 Standards to secure your control systems (IC32IN VILT): 26th and 27th June (full day)
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 systems to the same cyberattacks that have
wreaked so much havoc on corporate information systems.

With the introduction of the new UKHSE 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.

After completing IC32 training and passing the exam you receive ISA/IEC 62443 Cybersecurity Fundamentals Specialist Certificate which is prerequisite for further courses IC 34 AND IC37.

Assessing the Cybersecurity of New or Existing IACS Systems (IC-33INVILT): 28th, 29th & 30th June (full day)
The first phase in the IACS Cybersecurity Lifecycle (defined in ISA62443-1-1) is to identify and document IACS
assets and perform a cybersecurity vulnerability and risk assessment in order to identify and understand the highrisk vulnerabilities that require mitigation. Per ISA62443-2-1 these 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).

- Organized by: ISA Pune Section
- Trainers: Cybersecurity Expert and Certified Trainers from ISA Europe
- Venue: VILT (Virtual Classroom Trainer from professional studio, and student at home)
- Candidates who successfully complete the IC32 and IC33 courses and pass the online exam receive their certificate ISA/IEC62443 Cybersecurity Fundamental Specialist and Risk Assessment Specialist

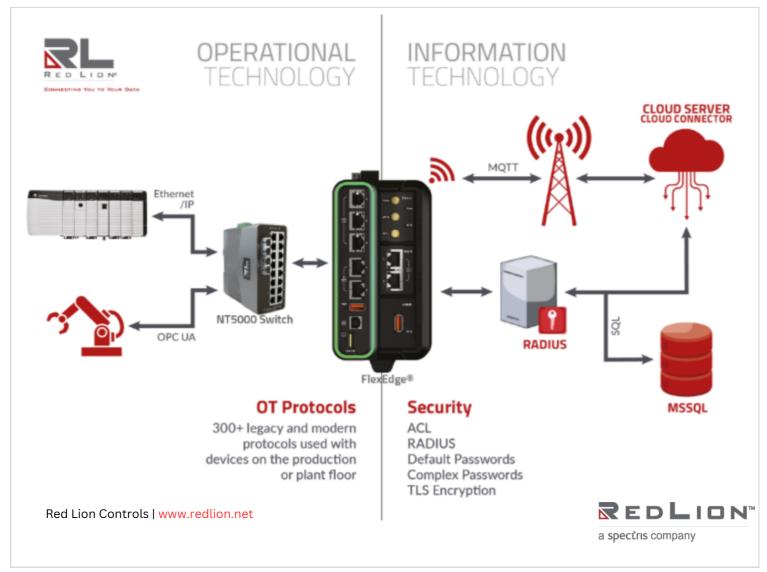
For course structure details contact Education Chair at:

Mr. Sandeep Kulkarni +91 91300 99914

Mr. VC Jaju Tel: +91-93265 34007



training@isa-pune.org



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- 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

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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.

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 professional members and 350,000 customers around the world.



ISA DIVISIONS

As Section Division Liaison chair from Pune Section, I would like to contribute some details of every issue of the Newsletter. The first edition of the Newsletter in 2023 contribution, here I bring the details of the various Divisions in ISA where each member can register for all divisions as a member at no cost & some details of the focused division activity by me on behalf of the Pune Section ie Food and Pharma Industry Division.

Sr no Name of the Division:

- 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



Dileep Miskin

Section-Division Liaison Chair - ISA Pune Section

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 sensors, instruments, equipment, automation, computer-system, and software application for 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.

For more information, contact Scott Sommer, PE, CAP, Division Director, at swsommer@live.com.

ISA's technical divisions are open only to ISA members. Covering a wide variety of industries and technologies, members are encouraged to join as many divisions as they choose.

Through your division, you will:

- Build a network of peers working in similar settings
- Receive access to the division community and communications
- Participate in live, online technical discussions in ISA Connect Live
- Learn in ISA OnPoint technical presentations
- Discover opportunities to gain leadership and technical expertise through the division board or writing technical content

Join us if you want to learn, contribute, network, and help build this Division to create a better world through automation.

Happy reading....

See you next time then !!!





ISA PUNE Student section news

ISA Pune Student section is available in the following colleges:

- 1.AISSMS Institute of Information Tech: Dr. Vandana Kale
- 2.College of Engineering, Pune Technological University: Prof. Nikhila Patil
- 3. Cummins College of Engineering for Women: Dr. Swati Madhe
- 4.D.Y.Patil College of Engineering, Akurdi : Dr. Bhausaheb Musmade
- 5.DR D.Y. Patil Institute of Technology, Pimpri: Prof. Arun Sonar
- 6.MIT Academy of Engineering: Prof. Shilpa Rudrawar
- 7. Pravara Rural Engineering College: Dr. C.B. Kadu
- 8.Shri Guru Gobind Singhji Institute of Engineering and Technology: Dr. Rajshree Sarwadnya
- 9. Vishwakarma Institute of Technology, Pune : Prof. Pramod Kanjalkar



Dr Swati MadheISA Student Section Ligison

MAJOR EVENTS IN VARIOUS ISA PUNE STUDENT SECTIONS

- 1) "ISA Inauguration event" ISA DY Patil College of Engg 05/01/2023
- 2) "Workshop On PLC logic development" ISA SGGS 07/01/2023 & 08/01/2023 Mr. Atul Kabre Vice President, Project & Technology Development at Reliance Industries
- 3) "MINDSPARK" ISA COEP Tech's 13/01/2023 15/01/2023.
- ISA Pune section had a stall to demonstrate the advantage and functions of ISA Student section
- 4)"Automation Club Inauguration" ISA CUMMINS College 17/01/2023
- 5) "Virtual session on ISA student scholarship" ISA DIT Dr. Himanshu Patel Chair ISA Scholarships 24/01/2023
- 6) "Workshop On FIELD INSTRUMENTATION" ISA SGGS Mr. Rajesh Shah Director, Nice Consultancy, Thane 03/02/2023 & 04/02/2023
- 7) "Guest Lecture on Thermal Mass Flow Meter" ISA CUMMINS College 21/02/2023 Mr. Shrikant Sahasrabudhe - M.D. Manas Microsystems Pvt. Ltd ., Guest of Honour: Mr. Nitin Kirloskar
- 8) "Manufacturing Data Integration and Electronic Batch Records" ISA Pravara Rural Engg College, Loni Webinar Mr.Anil Kasole Technical Solution Lead Global, Tata Consultancy Services, USA 25/02/2023
- 9) "Latest advancements in Industrial Automation" ISA CUMMINS College 10th 13/03/2023 Inter-college level national quiz competition Sponsored by ISA Pune.
- 10) "TechnoPHILIA'23" ISA MIT-AOE, Pune 24/03/2023
- 11) "Benefits & Functioning of ISA" SYMBIOSIS Inst of Technology Dr. Swati Madhe & Mr.H. S. Pansare

















ISA PUNE SECTION ACTIVITY GALLERY



ISA PUNE Monthly meeting &New year celebration









MINDSPARK Event @ COEP













ISA PUNE Section Newsletter release

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





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SECRETARY

I am delighted to be an integral part of the ISA community and honored to join this term as Secretary. We strive to make a difference in our society and engineering community by having more involved events and by creating engaging platforms.

As a Secretary of the ISA Pune section, I would like to add more Innovation this year in all activities that we conduct, add new initiatives, and strengthen the existing activities ie Monthly Meet, Tech Talk, Conference, Industrial Visit, Meet & Greet members, Industry Institute relationship events. I will be striving to add and involve more engineers in our ISA Pune Section community.





Vijay Karthik
Secretary - ISA Pune Section
Director - ESPOIR Electric Co

PROGRAM CHAIR

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:

- Monthly Meeting & Newyear Celebration 07.01.2023
- Tech Talk Entrepreneurship: The Why & How Mr. Gurmeet S Anand 14.01.2023
- AGM Board Meeting & New EC Members Election & Announcement- 19.02.2023
- Tech Talk Wireless Automation for Sustainabiliy Mr. Jonas Berge 21.04.2023

Upcoming events:

- Automation Conference: 28th April 2023
- Industrial Visit to C414 Lab May 2023
- Industrial Visit to Laser Cutting & Fabircation Industry May 2023
- Tech Talk May & June 2023
- ISA Pune Section & ISA Student Section CONCLAVE June 2023



Anand Swami
Program Chair - ISA Pune Section
Director- INFINITY Technology

NEWSLETTER CHAIR

It is indeed an honor to be the Newsletter Chair, for ISA Pune Section and it gives me immense pleasure to launch this first edition of 2023 with guidance from Mr. Vijay Karthik, Past - Newsletter Chair.

The Newsletter is a medium for representing ISA Pune section events, achievements and training, promoting technical and non-technical articles of varied interest to the readers. I look forward to bringing in stories of inspiration, entrepreneurship, and technology in the field of automation, in the forthcoming issues. A huge thank you to all persons who contributed to writing the wonderful articles, without which we wouldn't be able to publish the Newsletter issue.



Rajalakshmi Hegde Newsletter Chair – ISA Pune

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Customers around the world trust us when it comes to process automation. Our shared goal is plant safety, availability and efficiency. We are with you every day, everywhere.

People for Process Automation



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