ISA
International Society of Automation
Pune Section

ISA PUNE NEWSLETTER

The latest news and updates from ISA Pune Section

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President's Address

H.S. Pansare

First of all, I would like to congratulate ISA Headquarters for completing 75 years. A great milestone for all members of ISA community.

I welcome you all to the new term and would like to thank ISA Pune Section members for putting your faith in me by electing me as 2021-2022 President! I deem it an honor and privilege to take over as the new President of International Society of Automation – Pune Section, a prestigious professional community dedicated to create better world through Automation. Having worked in Industrial Automation field for 30+ years, I hope to share the knowledge and experience I have gained in my career during this year.

My journey with ISA has been a rewarding one. I became member of ISA in 2013 and since then I have increased my professional circle and knowledge in the diverse fields of Industrial Automation, Information Technology, Operations Technology, Cloud Computing, IoT and Analytics. I am very glad to be a part of this community backed by 38,500 members worldwide and with this I look forward to steering ISA Pune Section on a path of educating and sharing Industrial Automation expertise with Manufacturing Industries and young talents in and around Pune city.

Since last year, we all have been facing unprecedented setbacks due to the COVID 19 pandemic. But during these tough times, Automation Systems and Digital Technologies are then one which provided professionals way out, allowing to deliver results during the Pandemic Situation. Even though everything was locked down, Manufacturing Industries provided Essential products and services seamlessly without much shortages. This is the power of Automation and Technology which we are promoting through ISA !

Welcome to ISA - Pune Section's Newsletter through which we will connect with regularly!

New team at ISA-Pune

Executive Board elected at ISA Pune Section for 2021-22

Elections were held for ISA-Pune Sections Office Bearers in our virtual AGM held online on 20th March 2021. Hearty congratulations to the incoming team and a big Thank You to the outgoing team, led by Vikas Anwekar (President) and Rahul Karale (Secretary) for 2021 term, who did a wonderful job despite a challenging Pandemic situation. Gurmeet Anand continues as the Section Treasurer from 2020.
The following Office bearers and Board members were elected for term 2021-22:

BOARD MEMBERS FOR ISA PUNE SECTION FOR 2021-22		
Position	**Name**	**ISA Membership #**
President	Mr. H.S. Pansare	0033257572
Secretary	Mr. Vinod Joshi	0032947357
Treasurer	Mr. Gurmeet Anand	0033735695
Program Chair	Mr. Shridhar Kulkarni	0033694116
Membership Chair	Mr. Ravindra Maknikar	0033270565
Delegate	Mr. Karam Rehani	0004077776
Student Section Liaison	Mr. Kapil Mundada	0034002439
Section-Division Liaison	Mr. Dileep Miskin	0033086680
Webmaster / Connect Chair	Mr. Shridhar Kulkarni	0033694116
Scholarship Chair	Mrs. Shruti Sakorikar	0033822533
Marketing Chair	Mr. Arvind Tilak	0033681086
Education/Training Chair	Mr. Vijay Jaju	0033190279
Past President (2020-21)	Mr. Vikas Anwekar	0033290700
Past Secretary (2020-21)	Mr. Rahul Karale	0033636096

Plan for 2021-22

Exciting plans in offing by Team ISA-Pune!

ISA Pune Section has exciting events lined up for the Automation fraternity this year, and in view of the pandemic, many of these will be online, which means you can sign up and attend these from the comfort of your workplace or home!

- Conferences cum Exhibitions on Process Automation & Manufacturing IT - November/December
- 12 Tech Talks - Tech Talks by Members, Sponsors and Division - monthly last Friday or Saturday
- Webinars - Leadership, Marketing Skills, Personality Development and ISA Connect
- Networking - Connecting with ISA Members on the first Sunday every month
- Trainings - Cybersecurity IC32+IC33 & IC 34+37 Training in July from ISA Europe
- Joint training courses with Bhaskaracharya Pratishthan as per MOU signed with them
- Safety Instrumentation Systems and Hazardous Area Classification trainings - second quarter
- CEO meet - physical event, meeting with leading end-user heads planned for end-December
- Honors and Awards - 3 awards proposed for innovative ideas, products or technical excellence
- Arranging various Student Section programs in plans
- Watch this space or visit www.isa-pune.org for further announcements

Review of activities

Review of recent events by ISA Pune

Our signature event, 3rd Industrial IoT Virtual Conference & Exhibition, held on January 16th 2021, was hugely successful, being the first Virtual Conference conducted due to prevailing condition of COVID-19.

It had highly curated 3 sessions; I -Use Case Presentations from End Users, II - Panel Discussions and III- Tech Tech Medley, dedicated to showcase latest technologies in the field of Industrial IoT. A concurrent exhibition was the icing on the cake and had as many as 251 booth visits for viewing the videos, browsing catalogs or downloads.

The conference had a good response for delegate registration of 769 and a total of 413 delegate log-ins, with an average attendance of 200 delegates all the time.

A big thank you to our Sponsors Siemens, Schneider, LDRA, Triangular Automation and Tech Medley session sponsors Logicon, Schneider Electric, Zettaone and LDRA; as well as Virtual Platform partner Theistic Consultants, and most of all, to the Delegates for continuous engagement with the conference's highly relevant content for Industry 4.0

The Conference proceedings are available at https://isa-pune.org/3rd-iiot-virtualconfrence

Other appreciated events were sponsored TechTalks held by LDRA Technologies, Adept Fluidyne and Vega Level & Pressure Measurement on latest technologies in their products and solutions.
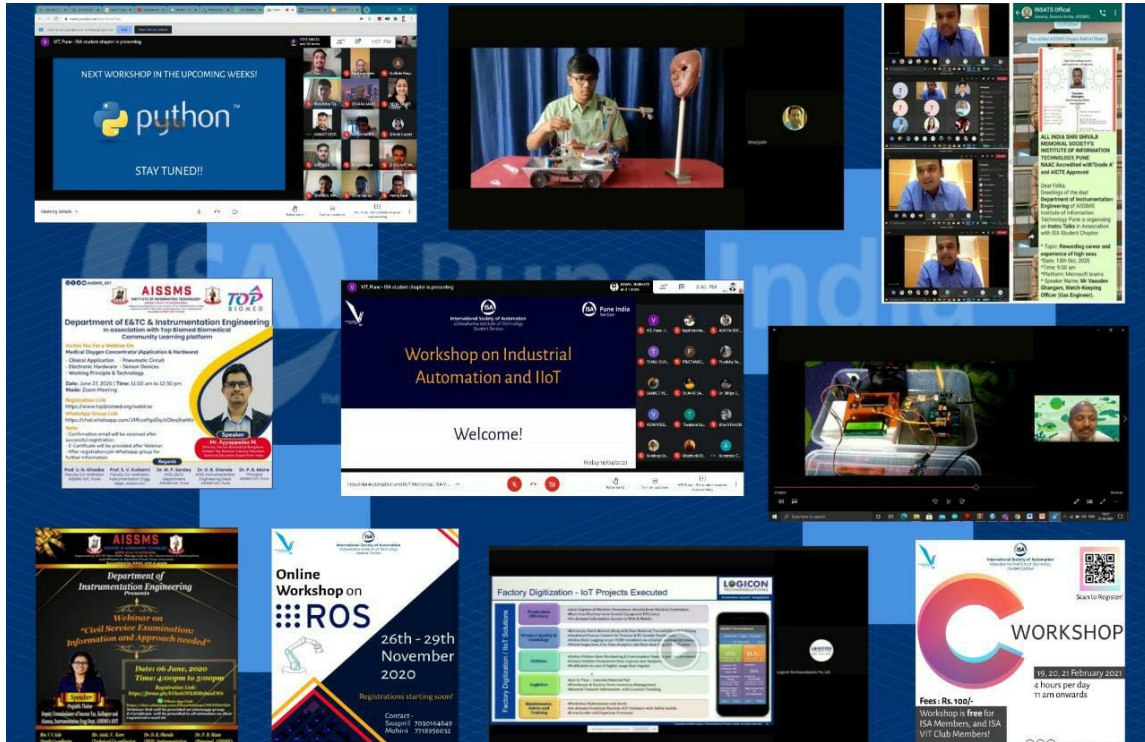
In 2021 too, we are off to a flying start with our first Technical TechTalk held on 30th April by Mr. Vijay Jaju (ISA Pune Education/Training Chair) on a relevant topic *Project Instrumentation - Right First Time*! It was a very practically oriented session on correct instrumentation project implementation practices to get it right first time, thus avoiding costly course corrections, project time and resources over-runs.

Student Section Updates

Many virtual activities and events

While the world was pandemic challenged completing their activities, Student Section found a way out to keep student members engaged in learning through the hands on workshops, competitions and webinars.

Vishwakarma Institute of Technology, Pune successfully hosted 7 workshops on various latest tools like App Development, ROS, Python, IIOT and Industrial Automation. Each workshop had more than 125 participants from all parts of the country. The participants feedback says that they had a great learning experience through the workshops. Students at VIT Pune also undertook the project on Field Operated Robots given by ISA ACARD. Total 8 groups successfully worked on the project given. Two final year students worked on Semester long project-based internship given by ACARD during August to Dec 2020.

AISSMS Institute of Information Technology organized 13 webinars for students. The topics covered were from Career counselling to Field instrumentation, Civil service examination preparation to Mock interviews. All these tech talks have benefited to all final year and third year students to plan their careers.

School of Electrical Engineering, MIT Academy of Engineering (MITAOE) Alandi, Pune successfully conducted "TechnoPHILIA 2021", 4th National level technical paper presentation & project competition, in association with International Society of Automation (ISA) Pune Section on 17th March 2021. The event received an overwhelming response from the student fraternity. More than 400 students from 29 colleges across 24+ different cities registered and participated in paper presentation and project competition.

Cummins College of Engg for women successfully hosted workshop on Industrial automation with around 50 participants Institute also hosted series of webinars on IoT which had 100+ participation. Students from Cummins college are also working on Field Operated Robots given by ACARD.

~ Prof. Kapil Mundada (Student Section Liaison - ISA Pune)

Cybersecurity Training Course

IC-32IN and IC-33IN Cybersecurity Training Course planned for 5th-9th July 2021

ISA Pune announces ISA/IEC62443 Cybersecurity Certificate Program, the first virtual training in India!

Use the ISA/IEC62443 Standards to secure your control systems (IC32IN VILT): 5th & 6th July, 2021
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.

The next training course is Assessing the Cybersecurity of New or Existing IACS Systems (IC33INVILT).

Assessing the Cybersecurity of New or Existing IACS Systems (IC-33INVILT): 7th-9th July 2021
The first phase in the IACS Cybersecurity Lifecycle (definedinISA62443-1-1) 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 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: ISA European Office
- Venue: VILT (Virtual Classroom - Trainer from professional studio, and student at home)
- Candidates who successfully complete the IC32 and IC33 courses and pass the exam at Prometric Center to receive their certificate ISA/IEC62443 Cybersecurity Risk Assessment Specialist

For course structure+fees write to Mr. VC Jaju - Education/Training Chair at isa.punesection@gmail.com

Opportunities

Participate and Grow with ISA Pune Section!

ISA Pune Section invites and welcomes engagements with ISA members and automation fraternity in various ways.

Join as a professional ISA member and become a part of 38,500 member automation fraternity with access to vast resource from isa.org and networking over ISA-Connect. Joining is easy and you can join in a few minutes by Credit Card via isa.org

We invite industry domain experts to host Tech-Talks and submit articles for publishing in our Newsletter.

Acknowledgements: ISA-org graphic

Our Newsletter reaches out to 9 Sections in ISA District 14, and 5000 readers on our Database and appears on our ISA-Connect page and website. This offers good opportunities for banner ad in this Newsletter at a nominal cost starting INR2000. Contact us now, for tariffs and ad sizes.

ISA Pune Section aims to be close and further its engagement with Industry, Academia, Students and Automation Professionals even more. Look forward to your inputs!

A collage of events by ISA Pune Section last year

Look forward to your feedback, suggestions and topics at isa.punesection@gmail.com

ISA Pune Section

Newsletter: Gurmeet Anand 9890177756
Articles, topics, Tech-Talks, Advts.

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