

# INDUSTRIAL AUTOMATION

INDIA'S NO. 1  
TOMORROW'S  
GLOBAL  
LEADER

**AUTOMATION  
EXPO2022™**

South East Asia's  
Largest Automation Exhibition

## Automation EXPO 2022

**A Review in Pictures**

**BIGGER, BETTER, STRONGER**

**AUTOMATION  
EXPO2022**  
16<sup>th</sup> to 18<sup>th</sup> August 2022

Come explore the world of  
**INNOVATION &  
TECHNOLOGY**

**CEO Summit**

16<sup>th</sup> August, 2022, Tuesday  
6:30 pm to 10:00 pm  
NESCO Grande, Opp. Hall No. 1  
[www.automationindiaexpo.com](http://www.automationindiaexpo.com)



**AUTOMATION  
EXPO2022™**



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16<sup>th</sup> to 18<sup>th</sup> August 2022

Come explore the world of  
**INNOVATION &  
TECHNOLOGY**

**Conference on  
IIoT Metadata**

17<sup>th</sup> August, 2022, Wednesday  
9:30 am to 2:00 pm  
NESCO Grande, Opp. Hall No. 1  
[www.automationindiaexpo.com](http://www.automationindiaexpo.com)



# A Triumphant Return

The 15th edition of Automation Expo made a triumphant return after a 2-year hiatus caused by the pandemic.



The morning of August 16 was wet, and as the VIPs and visitors began to arrive, the skies opened up, and the famed Mumbai monsoon marked its presence as the first visitor to Automation Expo 2022, returning after a 2-year gap. The Covid-19 pandemic tested the global economy like never before, affecting large sections of the world population, killing almost 6.5 million people globally, but after two and a half years, the world emerged from its shadows, with science and technology showing the way out. Automation was one of the major talking points throughout the pandemic, as businesses high on the

adoption curve were better prepared to face months of lockdown which otherwise impacted every human activity globally. The human spirit triumphed and that was a feeling on every visitor's mind as the 15th edition of Automation Expo opened for the public.

Dr M Arokiaswamy, Founder Chairman, IED Communications, the Organising Company of Automation Expo, extended a warm welcome to the honourable Chief Guests, Mr M K Srivastava, Executive Director – Engineering, NTPC Ltd; Dr B R Mehta, former Sr. Vice President – Reliance Industries Ltd; and Dr K Nandakumar, Chairman & Managing





“We all had a horrific time during the pandemic, something that was never experienced before. But we were able to convert the challenges into opportunities, and for that reason, we all deserve applause. We now have to take the opportunities to march ahead at a much accelerated pace,” said Mr M K Srivastava.



Director, Chemtrols Industries Pvt Ltd. “This is a significant moment for all of us, because the pandemic is now well under control, and we are able to meet in such large numbers after a gap



“Instrumentation and automation occupy a very important position in the world because it is horizontal to every other aspect – be it the core sector, medical or tourism. Without instrumentation and automation, there will be no sustainability, which is critical to the world in years to come,” said Dr K Nandakumar.

Automation Expo 2022 was formally opened after the Opening Ceremony concluded, with the Chief Guests and other VIPs making a tour of the exhibition. It was already celebration time as visitors

of two years. I am delighted to see so many familiar faces as well as several new ones,” said Dr Arokiaswamy in his opening address.

“Automation Expo showcases the power of collaboration between the solution providers, the engineering companies and the actual end users of the products and technologies. Technology is shaping tomorrow’s world, and we shall see in this show a lot of new things that are coming up and showcased for the first time,” said Dr B R Mehta in his welcome speech.



had already arrived and making the best of the opportunity as the rains had prevented the crowd on Day One, giving quality time to those visitors who had ventured out, many with prior appointments to talk to their vendors in person after months of impersonal online discourses. But whatever the shortfall of visitors on Day One, the next day witnessed a sea of humanity thronging the venue, with the reception area overflowing and all aisles fully filled with eager visitors, bringing cheers to the exhibitors.

# BOARD OF GOVERNORS



Members of the BoG gathered for the inaugural ceremony



Dr B R Mehta, Sr VP (Retd), Reliance Industries Ltd



Dr Keyur Vora, VP/HoD (C&I) Adani - Petrochemical Business



Dr Kirti Shah, Associate Director, Engg. Brownfield Projects, Aker Solutions



Dr Ravinder Goyal, MD, EIP Enviro Level Controls Pvt Ltd



Dr Thampy Mathew, MD, Pepperl+Fuchs (India) Pvt Ltd



Dr VP Raman, VP - Operations, TECTON Engineering and Construction LLC

Right from the very beginning, Automation Expo has benefitted by the wisdom of a Board of Governors (BoG) who have constantly advised and guided the organisers.



Neeraj Agarwal, Executive Director, Nuclear Power Corporation



Dr Bijal Sanghvi, MD, Axis Solutions Pvt Ltd



Ajit V Karandikar, MD, Karandikar Laboratories Pvt Ltd



Kartik Fojdar, Head-CoE Engg Instrumentation, Reliance Industries



M K Srivastava, Executive Director (IT), NTPC Ltd



Milan Desai, VP - Industry Management & Sales Board Member Phoenix Contact India



Mohit Kumawat, IIoT Sector Head, Advantech Industrial Computing India



P V Sivaram, Evangelist for Industry 4.0, Digital Transformation, Industrial Automation



Prashant Hosangadi, Group Director - Global Automation & Data Science, Worley

The BoG members are seasoned professionals, the stalwarts of the instrumentation and control industry, as well as those from robotics and other emerging technologies. Their expertise and experience in their respective fields have been instrumental in successful conduct of each edition of Automation Expo since inception in the year 2002.



Rakesh Sehgal, GM - Instrumentation, ONGC



Shyam Warialani, MD, Baumer Technologies India



Dr K Nandakumar, CMD, Chemtrols Industries Ltd.



PSP Rao, Jt MD, Tecnimont ICB Pvt Ltd



Anil Kumar, MD - Water India, Royal HaskoningDHV



V B Srikar, Co-Chairman, Nagman Group of Companies



P K Srivastava, Head Projects, Nayara Energy Limited



Dr Ashish Manchanda, MD, Finder India Pvt Ltd

The members of the Board of Governors present at the inaugural ceremony were felicitated by Ms Jyothi Joseph, Director, IED Communications.



## Shalu – the humanoid robot

Shalu – the homemade, artificially intelligent, multilingual, social and educational humanoid robot – was the star attraction of the Opening Ceremony. Made-up of waste materials, Shalu can speak 47 languages, and is developed by Dinesh Kunwar Patel, a Kendriya Vidyalaya, Computer Science teacher from Mumbai.



Dinesh Kunwar Patel – the inventor of Shalu.



Ted Masters, President and CEO, FieldComm Group



Carlos Mandolesi, President, International Society of Automation.



Dr M Arokiaswamy honoured by the Indian Institution of Plant Engineers

# VIP WALK through Exhibition Halls





# CEO SUMMIT

The CEO Summit is traditionally held on the first day of Automation Expo, at 7 pm



The CEO Summit was held on August 16, 2022



Ms Jyothi Joseph - Opening remarks



Dr B R Mehta presentation



M K Srivastava presentation



Anil Kumar presentation



Dr K Nandakumar presentation



Mr Vinayak Marathe presentation



Dr V P Raman, Moderator

**Speakers**

Dr B R Mehta, Chairman, BoG, former Sr. VP, Reliance Industries Ltd  
 'Sustainability Through Innovative Technologies Leading To Net Zero'

M K Srivastava, Executive Director – Engineering, NTPC Ltd  
 'Way Forward of Energy Transition to Net Zero'

Anil Kumar, Managing Director, Water India; Royal HaskoningDHV  
 'Zero Waste – Water Sector'

Dr K Nandakumar, CMD – Chemtrols Industries Limited  
 'Carbon Neutral Technologies'

Vinayak Marathe, Head – India Business Operations, Phillip Townsend Associates Inc  
 'Balancing Economy and Ecology – Challenges Ahead for the Development of India'

**Moderator**

Dr V P Raman, Consultant, Tecton Engineering & Construction LLC – UAE



Dr Keyur Vora felicitates Dr B R Mehta



Dr Kirti Shah felicitates Mr M K Srivastava



Dr Thampy Mathew felicitates Mr Anil Kumar



Mr Vinayak Marathe felicitated by Mr P V Sivaram



Mr Neeraj Agarwal felicitates Dr K Nandakumar



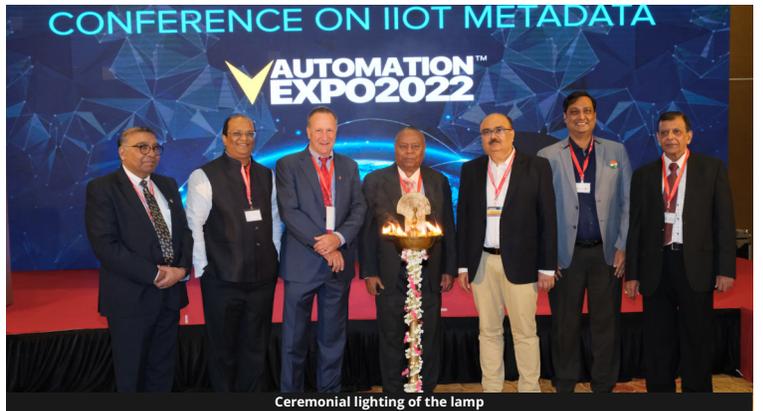
Ms Jyothi Joseph felicitates Dr V P Raman

# IIoT Conference on Meta Data

The IIoT Conference on Meta Data was held on August 17, 2022 at 9 am



The IIoT Conference on Meta Data was held on August 17, 2022



Ceremonial lighting of the lamp



Mr Ted Masters presentation



Mr Sunil David presentation



Dr Raunak Bhinge presentation



Mr Vytautas Sventickas presentation



Mr Shyam Gupta presentation



Presentation of Plant of the Year Award

**Speakers**

Ted Masters, President & CEO, FieldComm Group  
 Keynote

Sunil David, Advisor and Consultant to Startups, Ex-Regional Director – IoT, AT&T India  
 'Track and trace solutions in Manufacturing'

Dr Raunak Bhinge, Director, Infinite Uptime India Pvt Ltd  
 'IIoT and Edge Computing in Predictive Maintenance Enabling Manufacturing Digital Transformation'

Vytautas Sventickas, Chief Operating Officer, Teltonika Networks – Lithuania  
 'Harmonizing the Data from the Factory Floor'

Shyam Gupta, Senior VP of Products, Lincode  
 'Enhancing QA Data with metadata from AI based Vision Systems'

The FieldComm Group presented the Plant of the Year Award for 2021 to HPCL-Mittal Energy Ltd, Bhatinda (Punjab).



The audience listening to the presentations



Mr Ted Masters felicitated by Mr Kartik Fojdar



Mr Mohit Kumawat felicitates Dr Raunak BHinge



Mr Jayesh Mistry felicitates Mr Vytautas Sventickas



Mr Kartik Fojdar felicitates Mr Sunil David



Mr Kartik Fojdar felicitates Mr Shyam Gupta

# Building Automation Conference

The Building Automation Conference was held on August 18, 2022



The Building Automation Conference was held on August 17, 2022



Mr Mohd Haroon Siddiqui presentation



Mr Rakesh Bhatia presentation



Mr G S Balaji presentation



Mr Nitin Joshi, MD, Vighnaharta Technologies making a point



The Panel Discussion



Mr Vijay Sanap felicitates Mr Mohd Haroon Siddiqui



Dr V P Raman felicitates Mr Rakesh Bhatia

**Speakers**

Mr Andy McMillan, President & Managing Director – BACnet International  
 'How Connectivity and Standards Maximize Value in Building Automation Systems'

Mr Mohd Haroon Siddiqui, Vice President – Corporate Head MEP – Rustomjee Developer  
 'Necessity of Creating an Energy Efficient Infrastructure and how BIM and BMS are Complementing it'

Mr Rakesh Bhatia, Senior Vice President, Ecofirst Services Ltd  
 'Healthy Buildings: Integrating Interconnected Buildings with the Pancha Mahabhutas : An Ancient Path to Wellness'

Mr G S Balaji, Sr Vice president – Head Projects Real Estate, Reliance Industries Ltd  
 'Modern Intelligent Buildings – Case study of JIO World Centre, Mumbai'

Mr Vishal Gupta, Senior Director – Work Dynamics, Jones Lang LaSalle Property Consultants (India) Pvt Ltd  
 'Building Automation through Facility Management Lens'

**Moderator**

Ms Sakhee Chandrayan, President INBAC Association, Moderator

**Panellists**

Mr Rajesh Adhangale, Chairman, INBAC Standardisation Committee

Mr Vinayak Sane, COO & Principal Consultant, Abhyanta Consulting Engineers LLP

Ms Mamta Rawat, Partner & Head – Consulting Team (International & Western India) Conserve Consultants

Ms Adrija Roy Choudhury, Operations Executive, Inback Association



Mr G S Balaji felicitated by Dr Keyur Vora



Ms Sakhee Chandrayan felicitated by Dr Keyur Vora



Mr Vilas Tawde felicitates Mr Vinayak Sane



Dr V P Raman and Dr Keyur Vora felicitate Ms Mamta Rawat



Mr Vijay Sanap felicitates Mr Rajesh Adhangale



Mr Vijay Sanap felicitates Ms Adrija Roy Choudhury

# Conference on Automation Technologies for Environment Protection

The Conference on Automation Technologies for Environment Protection was held on August 19, 2022.



The Conference on Environment Protection was held on August 19, 2022



Ms Jyothi Joseph delivered the welcome address



Dr Vidyanand Motghare presentation



Mr Sanjeev Kanchan presentation



Mr Ranjit Roy presentation



Mr Martin W Goebel presentation



Mr Pankaj Rai presentation



The delegates listening in rapt attention

**Speakers**

Dr Vidyand Motghare, Joint Director – APC, Maharashtra Pollution Control Board

Chief Guest & Keynote Speaker

Mr Sanjeev Kanchan, Environmental Research & Advocacy Expert, Advisor, Consultant

‘Real-Time Monitoring For Good Environmental Governance’

Mr Ranjit Roy, Business Unit Head – Analytical Sales, Axis Solutions Pvt Ltd

‘Smart Ex-HVAC’

Mr Martin W Goebel, Sales Director Analytics, Knick Elektronische Messgeräte GmbH & Co KG

‘pH Measurement in Flue Gas Desulpherisation Plant and Waste Incineration Plant’

Mr Pankaj Rai, Sr Manager – Business Development, Emerson Process Management (India) Pvt Ltd

‘Multi-Component Tunable Laser Analysers for Real Time Process Control and Emission Monitoring’



Addressing the queries during a presentation



Dr V P Raman felicitates Dr Vidyand Motghare



Dr Bijal Sanghvi felicitates Mr Martin W Goebel



Mr P K Srivastava felicitates Mr Sanjeev Kanchan



Dr Bijal Sanghvi felicitates Mr Pankaj Rai



Dr B R Mehta felicitates Mr Ranjit Roy

# AWARDS CEREMONY



## Awards Ceremony at Automation Expo 2022

The Awards Ceremony recognises the innovations on display as well as aesthetics and ambience of the booth across three categories in terms of space occupied at the expo – Small, Medium and Large. There were three awards in each group, Silver, Gold and Platinum. The grand ceremony was held in Day 3 of the show, Thursday, August 18, 2022 at the NESCO Grande Conference Hall, within the NSE Complex.

And the winners are:

### Stall Category – Small (between 9-27 sq.mtr)

**Platinum Award** – Kaustubh Udyog, Stall No J-28

**Gold Award** – Ambtronics Engineers Pvt Ltd, Stall No A-16-17

**Silver Award** – Nivelco Instruments India Pvt Ltd, Stall No C29-C-30

**Silver Award** – Black Box, Stall No G-36

### Stall Category – Medium (between 28-69 sq.mtr)

**Platinum Award** – Baumer Technologies India Pvt Ltd, Stall No H-5

**Platinum Award** – testo India Pvt Ltd, Stall No, E-3

**Gold Award** – Phoenix Contact India Pvt Ltd – E-mobility, Stall No: W1A

**Silver Award** – Beckhoff Automation Pvt Ltd, Stall No B-4

### Stall Category – Large (above 70 sq.mtr)

**Platinum Award** – Artee Flow Controls Pvt Ltd, Stall No J-1-2

**Gold Award** – Delta Electronics India Pvt Ltd, Stall No I1-I2

**Gold Award** – Autobots Inc., Stall No H-8-9-10-44-45

**Silver Award** – Mitsubishi Electric India Pvt Ltd, Stall No C1-C2





# Exhibitor Feedback

The 2022 edition of Automation Exhibition showcased highest levels of:



- Awareness & visibility on futuristic technologies
- Concerns on Global warming, Cyber security, etc
- Technology displays and Conferences, and
- Planning and execution besides professional governance.

All of these obviously attracted record visitors and provided value for their time and money.

Kudos to IED Team and the Board of Governors for this grand show, both in Quality & Quantity!

**Dr Thampy Mathew, Managing Director, Pepperl+Fuchs (India) Pvt Ltd**



It was a great opportunity to showcase our innovative products to the domestic and international visitors to the show, which was also a great platform for networking and to learn from what others are doing globally in the area of automation manufacturing industry. It was wonderful to be a part of the event and looking forward for better glory and success next year.

**Samir Gandhi, Managing Director, Gandhi Automation Pvt Ltd**



It was a wonderful show! We wish great success also for next year – we are always there with you!

**Ashish Shah, Managing Director, Ambtronics Engineers Pvt Ltd**



We really look forward to be present in the upcoming editions of Automation Expo and showcase/launch new products/solutions during the shows to get the maximum mileage.

**Premkumar Lamba, Managing Director, Exor India Pvt Ltd**



We received very good quality responses at this edition. We are participating in Automation Expo since inception. We are increasing the size of our stall progressively.

**Milan Desai, Vice President – Control & Industry Solution, Phoenix Contact India Pvt Ltd**

Automation Expo 2022 was grand success and we observed good quality of visitors for all four days of Exhibition. Post pandemic as



our economy is showing excellent growth in all Industrial Verticals with the initiative of Make In India, I feel this event was organised at the right time. Thank you organisers, and all the visitors.

**Sunil Mehta, GM – e-F@ctory Strategic Planning, Factory Automation & Industrial Division, Mitsubishi Electric India Private Limited.**



Automation 2022 brought a new wave in Factory Automation and Robotic Applications. This will certainly help organisations to make quality products much speedier. Baumer Technologies is looking for speeding up production at our manufacturing facility and

we ourselves got several opportunities to evaluate the prospects. This year our stall exhibited around 10 new products, and our AV presentation brought many customers to our stall and were engaged with them for good duration. Baumer Technologies also celebrated 10 years of successful operations in India with the Automation Expo Board of Governors. All our people at the stall were alert and responsive with good display, good products, and we won the Best Stall trophy in Platinum Category. Thanks to the Automation Expo Team.

**Shyam Warialani, Managing Director, Baumer Technologies India Private Limited**



Automation Expo is an amazing platform to connect with existing as well as new customers, good opportunities and recognition. The exhibition met our expectations. The event is well organised, technological, with a good numbers of the audience. We think, will

continue our participation.

**Harshal Pore, Managing Director, Alpha Techsys Automation**



We exhibited at Automation Expo for the first time. The result exceeded our expectations; we met many existing clients and new prospects. We consider the event to be very useful. We'll exhibit at the next event with great pleasure.

**Amit Raina, CEO, TEbillion Systems Pvt Ltd.**



Automation Expo 2022 is very successful exhibition and I thank the whole team members of AE2022.

**Vivek Panchal, Director, Powertron India Private Limited**



All the arrangements and service from the organisers was impeccable as always too. Overall, it was a good experience.

**Vikram Bhansali, Director, Metravi Instruments Pvt Ltd.**



Intelligent automation with advanced AI technologies helps Indian machine manufacturers for faster and reliable machine performance. And we believe that 'everything you need, nothing more on your best machine'.

**Upendra Vanarase, Managing Director, Trio Motion Technology India Pvt Ltd**



Excellent time spent at our booth at Automation India Expo 2022, it was very well organised and well attended. We cherished lots of customer interactions, meaningful conversations, learnings/unlearnings and fun. Automation Expo 2022 was an ideal platform for exhibitors to

demonstrate innovations in automation. In addition to enabling specialists and experts a great meet up point, the show lent a unique experience for visitors to learn about the latest in Industrial Automation, IIoT and Robotics. We are thankful to all the partners, customers and visitors who graced their presence and encouraged us with very wonderful feedbacks.

**Tarang Daptardar, CEO, Assured Data Technologies**



It was a very nice experience and we highly appreciate your team also for special individual attention during Automation Expo 2022.

**Ms Urmila Gavali, Founder & MD, Indiana Drives & Engineering Pvt Ltd**



Automation Expo 2022 was a very nice platform to meet all industry stalwarts; we got very good response and leads, thanks!

**Umesh Sakle, CEO, Hilscher India Pvt Ltd - General Management**



At Automation Expo 2022, we found a great platform to showcase ViscoTec solutions used in precise, accurate and reliable fluid dispensing applications. We exhibited for the first time at Automation Expo in 2022. Our team was

extremely pleased with the visitor footfall at the event, and we enjoyed great discussions with our potential business partners. We would exhibit again in Mumbai the next time!

**Vivek Ghewari, CEO & Director, Business Development & Technical Sales, ViscoTec India Private Limited**



Automation Expo 2022 was a great experience. The exhibition was held after a gap of 2 years and most of the visitors were looking forward to it. The show had on display the latest in technologies in Robotics and Automation. We

look forward to the next edition, Automation Expo in 2023. We had a great exposure. As this is the only type of exhibition in Mumbai city, we had displayed many new products in the Test and Measuring field.

**Abhey Goliya, Managing Director, Goliya Instruments Pvt Ltd**



Automation Expo 2022 was a special event organised by IED, which makes more sense after the pandemic years when we lost the momentum to communicate with customers.

The platform that the Expo gave us is a bright opportunity once again to promote and present our New Product range to our reputed clients. We have received very good responses from this exhibition which will surely help RTA for the Business Expansion Opportunities.

**Amey Dhawalikar, Director, RTA India Pvt Ltd**



A compact and well planned show, Automation Expo 2022 had quality footfalls, much better than earlier occasions. QR Coding was a good concept but unfortunately it was not working for us, both for the server and for the visitors.

**Hitendra Uppal, Director, San Telequip (P) Ltd**

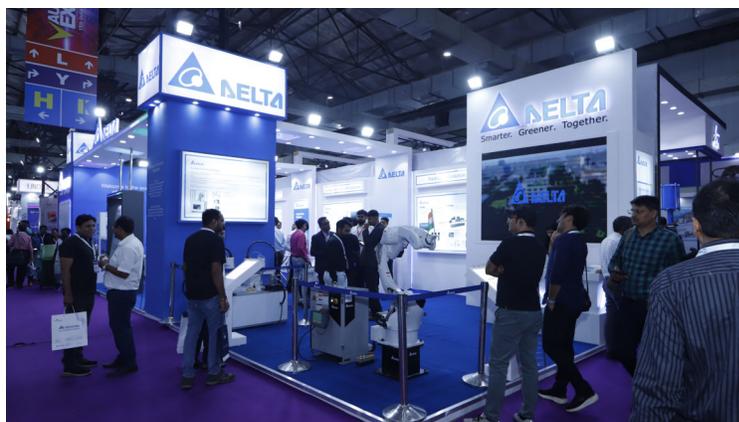


Thank you very much for providing us the platform to present our products and services to our great Indian industries. We have been associated with Automation Expo for the last 15 years and it has helped us to grow our business every time. We really appreciate our gratitude towards IED and

Automation Expo for helping us in our growth.

**Parag Shukla, Director, Micon Automation Systems Pvt Ltd**

# A Round of the exhibition hall







# **AUTOMATION**<sup>TM</sup> **EXPO2023**

16th India International Trade Show  
Bombay Convention and Exhibition, Goregaon(East), Mumbai

23rd to 26th August 2023  
BEC, Goregaon(East), Mumbai

**HALL NO. 01**

The Countdown Has Begun  
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